



# Longse

**SMB  
SOLUTIONS  
EXPERT**

**OEM/ODM**  
ONE-STOP SERVICE

From Hardware to Firmware and App  
From Cameras to Recorders and Accessories

**2026**  
PRODUCTS GUIDE





Longse

01



# ABOUT US

Longse Technology Limited was founded in 2006, is a professional IOT (Internet of Things) solution provider with video as the core, providing security, visual management and big data service for the world. We uphold the values of dedication, integrity, innovation and excellence, aspiring to become a first-class national enterprise and world-class enterprise.

## Mission

Become a first-class  
national and world-class  
enterprise

## Value

Dedication, Integrity,  
Innovation, Excellence

## Vision

More Secure,  
More Intelligent





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# IP Security Cameras

ECO Series | Value Series | Pro Series | PTZ&Special Series





### AI ISP

Provide more accurate image recognition, real-time scene analysis, and optimized image quality.



### Human Detection

Intrusion / Line Crossing / Wandering / People Gathering Detection / Enter Area / Leave Area



### Vehicle Detection

Intrusion Detection / Line Crossing Detection / Enter Area / Leave Area



### Smart Hybrid Light

Support IR mode, warm light mode and smart mode



### Sound and Light Warning

Red & blue flashing light and sound alarm



### Auto Focus

4X, 5X, 10X, 18X, 36X Optical Zoom



### POE

Plug and play, network cable power supply.



### Alarm I/O

Intelligent alarm when there is abnormal situation.



### Audio I/O

Real-time intercom, recording audio.

## DWDR/WDR/HDR

It produces clear picture quality even under back light condition when there are both very bright and dark area simultaneously.



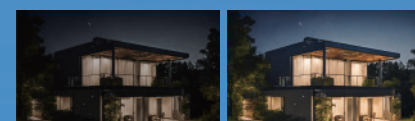
## 24/7 Full Color

Enhancing the vividness and richness of color images during nighttime or low-light conditions.



## Starlight

In a low-light environment, a colorful image is presented.



## Defog/Demist

Capture clear images in hazy ambient conditions such as fog, mist, harsh/backlit or low ambient lighting.



## 3D NR

3DNR Technology (3D Noise Reduction) is a method of suppressing noise in an image, appearing in low light.



## Smart IR

Smart IR technology automatically adjusts IR lighting intensity to ensure the camera captures usable video in dark conditions.





5MP/8MP

# Active Deterrence Cameras

*Support red and blue flashing lights and sound alarms for warning or reminder purposes.*



Sound and  
Light Warning



Human Shape  
Detection



Vehicle  
Detection



Red & Blue  
Flashing Lights



24/7 Full Color



Two Way Audio



Support WDR

**POE**

Internal POE



| Model NO.               | KL5AD                                                                                                                                                                                                                                                                                                                                                       | KL8AD / KL8AD-X5                                                            |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                                                                                                                                                                            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                            |
| Resolution              | 5MP 2616(H)*1964(V)                                                                                                                                                                                                                                                                                                                                         | 8MP 3864(H)*2192(V)                                                         |
| Compression             | H.264/H.264+/H.265/H.265+                                                                                                                                                                                                                                                                                                                                   | H.264/H.264+/H.265/H.265+                                                   |
| Minimum Illumination    | Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux white light, B/W: 0 Lux with IR                                                                                                                                                                                                                                                                                      | Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                                                                                        | 60dB                                                                        |
| Video Output            | Network                                                                                                                                                                                                                                                                                                                                                     | Network                                                                     |
| Reset Button            | Support                                                                                                                                                                                                                                                                                                                                                     | Support                                                                     |
| Focus Length            | Fixed focal lens, 2.8mm/4mm (F1.6)                                                                                                                                                                                                                                                                                                                          | 2.8mm/4mm (F1.6) / 2.7mm-13.5mm (F1.6-3.3)                                  |
| Supplement Light        | Warm light LED, IR LED                                                                                                                                                                                                                                                                                                                                      | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                                                                                | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                                                        | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                                                        | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                                                              | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 2592*1944@30fp                                                                                                                                                                                                                                                                                                                                              | 3840*2160@25fps                                                             |
| Main Stream 2           | 2560*1440@30fp                                                                                                                                                                                                                                                                                                                                              | 2560*1440@25fps                                                             |
| Main Stream 3           | 1920*1080@30fps/1280*720@30fps                                                                                                                                                                                                                                                                                                                              | 1920*1080@25fps, 1280*720@25fps                                             |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                                                                              | 1280*720@25fps                                                              |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                                                                               | 720*480@25fps                                                               |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                                                                                                                                                                                    | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detection / Line Cross Detection / Enter Area / Leave Area / Motion Detection (Based on Human and Vehicle Detection)<br>Loiter Detection / People Gather Detection(Based on Human Detection)<br>Face Detection / Illegal Parking / License Plate Detection / Line Crossing Count / Abandoned Object Detection / Moving Object Detection / Heatmap |                                                                             |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                                                                        | Color/ B&W (IR-CUT )                                                        |
| Full Color              | Support                                                                                                                                                                                                                                                                                                                                                     | Support                                                                     |
| Corridor Pattern        | Support                                                                                                                                                                                                                                                                                                                                                     | Support                                                                     |
| WDR                     | Support                                                                                                                                                                                                                                                                                                                                                     | Support                                                                     |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                                                                                                 | NVR/CMS/Web                                                                 |
| Audio                   | Built in Mic and Speaker(Support optional add Audio Line IN)                                                                                                                                                                                                                                                                                                | Built in Mic and Speaker(Support optional add Audio Line IN)                |
| Alarm                   | 1ch Alarm In/1ch Alarm Out                                                                                                                                                                                                                                                                                                                                  | 1ch Alarm In/1ch Alarm Out                                                  |
| SD Card Slot            | External, Support Max 512GB                                                                                                                                                                                                                                                                                                                                 | External, Support Max 512GB                                                 |
| Housing                 | Metal, IP67                                                                                                                                                                                                                                                                                                                                                 | Metal, IP67                                                                 |



# Smart License Plate Recognition System

Recognition Speed  
**20km/h**

Storage Capacity  
**5000**

**HH EF5689**

Recognition Distance  
**4-6m**  
4-5 m Barrier Gate / 6 m Illegal Parking

Countries  
**30+**



1/1.8" Sensor



3.2 TOPS  
AI compute



F1.4 AF lens  
4.38-9.33mm



4MP@60fps



IR + Warm  
Light



Red - Blue  
Alarm Light



Built-in MIC  
& Speaker



External  
SD Card

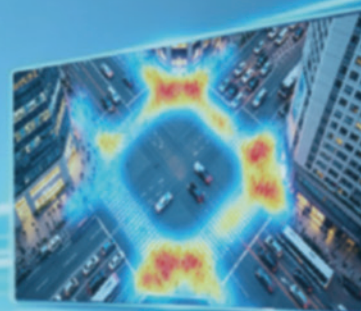


|                           |                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model NO.                 | NL4LPR                                                                                                                                                                                              |
| Image Sensor              | 1/1.8" SONY Starvis2 Back-illuminated CMOS sensor                                                                                                                                                   |
| Resolution                | 4MP 2704(H)*1540(V)                                                                                                                                                                                 |
| Compression               | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                     |
| Minimum Illumination      | Color: 0.01 Lux@(F1.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                                                                          |
| S/N Ratio                 | 60dB                                                                                                                                                                                                |
| Video Output              | Network                                                                                                                                                                                             |
| Reset Button              | Optional                                                                                                                                                                                            |
| Focus Length              | AF, 4.38-9.33MM, F1.4-F2.15                                                                                                                                                                         |
| Supplement Light          | Warm Light LED, IR Light                                                                                                                                                                            |
| Supplement Light Power On | Smart, Manual & Timed mode                                                                                                                                                                          |
| Ethernet                  | RJ-45 (10/100Base-T)                                                                                                                                                                                |
| ONVIF                     | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                |
| POE                       | Internal, Support IEEE 802.3af                                                                                                                                                                      |
| Main Stream 1             | 3840*2160@30fps, 3072*2048@30fps                                                                                                                                                                    |
| Main Stream 2             | 2592*1536@30fps, 2560*1440@30fps                                                                                                                                                                    |
| Main Stream 3             | 1920*1080@30fps, 1280*720@30fps                                                                                                                                                                     |
| Sub Stream 1              | 1280*720@30fps                                                                                                                                                                                      |
| Sub Stream 2              | 720*480@30fps                                                                                                                                                                                       |
| Sub Stream 3              | N/A                                                                                                                                                                                                 |
| Tri Stream                | 1280*720@30fps, 720*480@30fps                                                                                                                                                                       |
| IE Brower                 | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                            |
| Intelligent Analysis      | Motion Detection(supports the detection based on human and vehicle movement),<br>Illegal Parking (based on vehicle shape and license plates),<br>License Plate Detection, License Plate Recognition |
| Day/Night                 | Color/ B&W (IR-CUT )                                                                                                                                                                                |
| Full Color                | Support                                                                                                                                                                                             |
| WDR                       | 120dB                                                                                                                                                                                               |
| Audio                     | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                    |
| Alarm                     | Default: Without, Option: Alarm I/O                                                                                                                                                                 |
| SD Card Slot              | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                         |
| Housing                   | IP67                                                                                                                                                                                                |



# AI ISP Full Color

Capture Clear Color Details Even In Near Darkness



Face Detection  
& Recognition



License Plate  
Detection



Illegal Parking  
Detection



Cross Counting



Object Left Behind



Object Removal



Wandering  
Detection



People Gathering  
Detection



Intrusion Detection



Line Crossing  
Detection



Enter Area



Leave Area



## AI ISP Camera

| Model NO.                 | NP4AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NP8AC                                             | NP12AC                                                                      |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor              | 1/1.8" SONY Starvis2 Back-illuminated CMOS sensor                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/1.8" SONY Starvis2 Back-illuminated CMOS sensor | 1/2.3" SONY Starvis Back-illuminated CMOS sensor                            |
| Resolution                | 4MP, 2712(H)*1538(V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8MP, 3856(H)*2180(V)                              | 12MP, 4072(H)*3064(V)                                                       |
| Compression               | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | H.264/H.264+/H.265/H.265+/MJPEG                   | H.264/H.264+/H.265/H.265+/MJPEG                                             |
| Minimun Illumination      | Color: 0.0001 Lux@(F1.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   | Color: 0.005 Lux@(F1.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio                 | 60dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                                                                             |
| Video Output              | Network                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                   |                                                                             |
| Reset Button              | Optional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                             |
| Focus Length              | Fixed focal lens, 2.8mm, 4mm, and 6mm (F1.0) optional                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                             |
| Supplement Light          | Warm Light LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                                                                             |
| Supplement Light Power On | Smart, Manual & Timed mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |                                                                             |
| Ethernet                  | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                                                                             |
| ONVIF                     | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                                                                             |
| POE                       | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                                                                             |
| Main Stream 1             | 2560*1440@90fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3840*2160@60fps, 3200*1600@60fps                  | 4000*3000@30fps, 3840*2160@30fps                                            |
| Main Stream 2             | 1920*1080@90fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2560*1440@60fps, 1920*1080@60fps                  | 3200*1800@30fps, 2560*1440@30fps                                            |
| Main Stream 3             | 1280*720@90fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1280*720@60fps                                    | 1920*1080@30fps, 1280*720@30fps                                             |
| Sub Stream 1              | 1280*720@90fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1280*720@30fps                                    | 1920*1080@30fps                                                             |
| Sub Stream 2              | 720*480@90fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 720*480@30fps                                     | 1280*720@30fps                                                              |
| Sub Stream 3              | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                               | 720*480@30fps                                                               |
| Tri Stream                | 1280*720@30fps, 720*480@30fps                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1280*720@30fps, 720*480@30fps                     | 1280*720@30fps, 720*480@30fps                                               |
| IE Brower                 | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                             |
| Intelligent Analysis      | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehicle detection),<br>Loitering Detection/People Gathering Detection(based on human detection), Motion Detection(supports the detection based on human and vehicle movement),<br>Face Detection, Illegal Parking(based on vehicle shape and license plates), License Plate Detection, Abandoned Object Detection, Removed Object Detection, Heat Map, <b>Face Recognition</b> |                                                   |                                                                             |
| Day/Night                 | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                                                                             |
| Full Color                | Support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                   |                                                                             |
| WDR                       | 120dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                   |                                                                             |
| Audio                     | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                   |                                                                             |
| Alarm                     | Default: Without, Option: Alarm I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                   |                                                                             |
| SD Card Slot              | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                   |                                                                             |
| Housing                   | IP67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                   |                                                                             |



VALUE SERIES

# Exceptionally Good Value

*Multiple solutions, multiple pixel  
selections, meeting different needs.*

2MP

5MP

8MP



CMSB



CMSC



CMSE



CMLE



TH2A



LIRDC



DMSA



DMMA



BMSC



BMSD



BMMB



BMMC



BMMD



# 24/7 Full Color Smart Hybrid Light

*Support IR mode, warm light mode and smart mode.*



Hybrid Light  
(IR+Warm Light)



Human  
Detection



Vehicle  
Detection



24/7  
Full Color



Built in Mic

# 4K

*Every Detail Comes Alive*





## Value Series

| Model NO.               | TV4RC (Hybrid Light)                                                                                                                                                                                                                                                                              |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor            | 1/1.873" OmniVision PureCel®Plus Back-illuminated CMOS sensor                                                                                                                                                                                                                                     |
| Resolution              | 4MP 2560(H)*1440(V)                                                                                                                                                                                                                                                                               |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                   |
| Minimun Illumination    | Color: 0.005 Lux@(F1.2, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                                                                                                                                                                       |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                              |
| Video Output            | Network                                                                                                                                                                                                                                                                                           |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                          |
| Focus Length            | 2.8mm/4mm/6mm(F1.2) (According to the housing)                                                                                                                                                                                                                                                    |
| Supplement Light        | Warm light LED, IR LED                                                                                                                                                                                                                                                                            |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                      |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                              |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                              |
| P2P                     | YES                                                                                                                                                                                                                                                                                               |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                    |
| Main Stream 1           | 2560*1440@30fps                                                                                                                                                                                                                                                                                   |
| Main Stream 2           | N/A                                                                                                                                                                                                                                                                                               |
| Main Stream 3           | N/A                                                                                                                                                                                                                                                                                               |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                    |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                     |
| Intelligent Analysis    | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehide detection),<br>Loitering Detection/People Gathering Detection(based on human detection), Motion Detection, Illegal Parking(based on vehicle shape ), Heat Map |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                              |
| Full Color              | Full Color                                                                                                                                                                                                                                                                                        |
| ROI                     | Support                                                                                                                                                                                                                                                                                           |
| BLC                     | Support                                                                                                                                                                                                                                                                                           |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                             |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                                       |
| Audio                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                  |
| Alarm                   | N/A                                                                                                                                                                                                                                                                                               |
| SD Card Slot            | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                                                                                                                       |

|                         |                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model NO.               | TV8RC (Hybrid Light)                                                                                                                                                                                                                                                                                |
| Image Sensor            | 1/1.8" OmniVision PureCel®Plus Back-illuminated CMOS sensor                                                                                                                                                                                                                                         |
| Resolution              | 8MP 3840(H)*2160(V)                                                                                                                                                                                                                                                                                 |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                     |
| Minimun Illumination    | Color: 0.001 Lux@(F1.2, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                                                                                                                                                                         |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                                |
| Video Output            | Network                                                                                                                                                                                                                                                                                             |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                            |
| Focus Length            | 2.8mm/4mm/6mm(F1.2) (According to the housing)                                                                                                                                                                                                                                                      |
| Supplement Light        | Warm light LED, IR LED                                                                                                                                                                                                                                                                              |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                |
| P2P                     | YES                                                                                                                                                                                                                                                                                                 |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                      |
| Main Stream 1           | 3840*2160@30fps, 2560*1440@30fps                                                                                                                                                                                                                                                                    |
| Main Stream 2           | 1920*1080@30fps                                                                                                                                                                                                                                                                                     |
| Main Stream 3           | 1280*720@30fps                                                                                                                                                                                                                                                                                      |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                      |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                       |
| Tri Stream              | 720*480@30fps, 352*288@30fps                                                                                                                                                                                                                                                                        |
| Intelligent Analysis    | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count,Loitering Detection/People Gathering Detection, Motion Detection,Face Detection, Illegal Parking, Heat Map, License Plate Detection, Abandoned Object Detection, Removed Object Detection |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                |
| Full Color              | Full Color                                                                                                                                                                                                                                                                                          |
| ROI                     | Support                                                                                                                                                                                                                                                                                             |
| BLC                     | Support                                                                                                                                                                                                                                                                                             |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                               |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                                         |
| Audio                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                    |
| Alarm                   | N/A                                                                                                                                                                                                                                                                                                 |
| SD Card Slot            | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                                                                                                                         |



## Value Series

| Model NO.               | TL5R (IR Light)                                                                                                                                                                                                                                                                                    | TL5RC/TL5RC-X5 (AI ISP)                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis2 Back-illuminated CMOS sensor                                                                                                                                                                                                                                                  | 1/2.8" SONY Starvis2 Back-illuminated CMOS sensor                                |
| Resolution              | 5MP 2608 (H) × 1964 (V)                                                                                                                                                                                                                                                                            | 5MP 2608 (H) × 1964 (V)                                                          |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                    | H.264/H.264+/H.265/H.265+/MJPEG                                                  |
| Minimum Illumination    | Color: 0.003 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                                                                                                | Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR      |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                               | 60dB                                                                             |
| Video Output            | Network                                                                                                                                                                                                                                                                                            | Network                                                                          |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                           | Optional                                                                         |
| Focus Length            | 2.8mm/4mm/6mm(F1.6), 2.7-12MM F1.6-F3.1 Manual Zoom Lens (According to the housing)                                                                                                                                                                                                                | 2.8mm/4mm/6mm(F1.6), 2.7-13.5mm Motorized (F1.6-F3.3) (According to the housing) |
| Supplement Light        | IR LED                                                                                                                                                                                                                                                                                             | Warm light LED, IR LED                                                           |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                       | Auto Control                                                                     |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                               | RJ-45 (10/100Base-T)                                                             |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                               | Support ONVIF 24.12(Profile S/T/G/M)                                             |
| P2P                     | YES                                                                                                                                                                                                                                                                                                | YES                                                                              |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                     | Internal, Support IEEE 802.3af                                                   |
| Main Stream 1           | 2592*1944@30fps                                                                                                                                                                                                                                                                                    | 2592*1944@30fps                                                                  |
| Main Stream 2           | 2560*1440@30fps                                                                                                                                                                                                                                                                                    | 2560*1440@30fps                                                                  |
| Main Stream 3           | N/A                                                                                                                                                                                                                                                                                                | N/A                                                                              |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                     | 1280*720@30fps                                                                   |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                      | 720*480@30fps                                                                    |
| Intelligent Analysis    | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehicle detection),<br>Loitering Detection/People Gathering Detection(based on human detection), Motion Detection, Illegal Parking(based on vehicle shape ), Heat Map |                                                                                  |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                               | Color/ B&W (IR-CUT )                                                             |
| Full Color              | N/A                                                                                                                                                                                                                                                                                                | Full Color                                                                       |
| ROI                     | Support                                                                                                                                                                                                                                                                                            | Support                                                                          |
| BLC                     | Support                                                                                                                                                                                                                                                                                            | Support                                                                          |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                              | 120dB                                                                            |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                                        | NVR/CMS/Web                                                                      |
| Audio                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                 |
| Alarm                   | Default: Without, Option: Alarm I/O                                                                                                                                                                                                                                                                | Default: Without, Option: Alarm I/O                                              |
| SD Card Slot            | Optional External, Support Max 512GB                                                                                                                                                                                                                                                               | Optional External, Support Max 512GB                                             |

| Model NO.               | TL8R (IR Light)                                                                                                                                                                                                                                                                                     | TL8RC/TL8RC-X5 (AI ISP)                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis2 Back-illuminated CMOS sensor                                                                                                                                                                                                                                                   | 1/2.8" SONY Starvis2 Back-illuminated CMOS sensor                               |
| Resolution              | 8MP 3864(H)*2192(V)                                                                                                                                                                                                                                                                                 | 8MP 3864(H)*2192(V)                                                             |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                     | H.264/H.264+/H.265/H.265+/MJPEG                                                 |
| Minimun Illumination    | Color: 0.005 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                                                                                                 | Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR     |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                                | 60dB                                                                            |
| Video Output            | Network                                                                                                                                                                                                                                                                                             | Network                                                                         |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                            | Optional                                                                        |
| Focus Length            | 2.8mm/4mm/6mm(F1.6), 2.7-13.5mm Motorized (F1.6-F3.3)(According to the housing)                                                                                                                                                                                                                     | 2.8mm/4mm/6mm(F1.6), 2.7-13.5mm Motorized (F1.6-F3.3)(According to the housing) |
| Supplement Light        | Warm light LED, IR LED                                                                                                                                                                                                                                                                              | Warm light LED, IR LED                                                          |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                        | Auto Control                                                                    |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                | RJ-45 (10/100Base-T)                                                            |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                | Support ONVIF 24.12(Profile S/T/G/M)                                            |
| P2P                     | YES                                                                                                                                                                                                                                                                                                 | YES                                                                             |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                      | Internal, Support IEEE 802.3af                                                  |
| Main Stream 1           | 3840*2160@30fps, 2560*1440@30fps                                                                                                                                                                                                                                                                    | 3840*2160@30fps, 2560*1440@30fps                                                |
| Main Stream 2           | 1920*1080@30fps                                                                                                                                                                                                                                                                                     | 1920*1080@30fps                                                                 |
| Main Stream 3           | 1280*720@30fps                                                                                                                                                                                                                                                                                      | 1280*720@30fps                                                                  |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                      | 1280*720@30fps                                                                  |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                       | 720*480@30fps                                                                   |
| Intelligent Analysis    | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count,Loitering Detection/People Gathering Detection, Motion Detection,Face Detection, Illegal Parking, Heat Map, License Plate Detection, Abandoned Object Detection, Removed Object Detection |                                                                                 |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                | Color/ B&W (IR-CUT )                                                            |
| Full Color              | N/A                                                                                                                                                                                                                                                                                                 | Full Color                                                                      |
| ROI                     | Support                                                                                                                                                                                                                                                                                             | Support                                                                         |
| BLC                     | Support                                                                                                                                                                                                                                                                                             | Support                                                                         |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                               | 120dB                                                                           |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                                         | NVR/CMS/Web                                                                     |
| Audio                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                    | Default: Built in Mic, Option: Audio In, Support Sound Detection                |
| Alarm                   | Default: Without, Option: Alarm I/O                                                                                                                                                                                                                                                                 | Default: Without, Option: Alarm I/O                                             |
| SD Card Slot            | Optional External, Support Max 512GB                                                                                                                                                                                                                                                                | Optional External, Support Max 512GB                                            |



## Value Series

| Model NO.               | FCV2R (IR Light)                                                            | FCV2RC (Hybrid Light)                                                       |
|-------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/3" Progressive Scan CMOS Sensor                                           | 1/3" Progressive Scan CMOS Sensor                                           |
| Resolution              | 2MP 1928(H)*1088(V)                                                         | 2MP 1928(H)*1088(V)                                                         |
| Compression             | H.264/H.265/H.264+/H.265+/MJPEG                                             | H.264/H.265/H.264+/H.265+/MJPEG                                             |
| Minimun Illumination    | Color: 0.05 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                          | Color: 0.05 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR  |
| S/N Ratio               | 60dB                                                                        | 60dB                                                                        |
| Video Output            | Network                                                                     | Network                                                                     |
| Reset Button            | Optional                                                                    | Optional                                                                    |
| Focus Length            | 2.8mm/4mm (F1.6) (According to the housing)                                 | 2.8mm/4mm (F1.6) (According to the housing)                                 |
| Supplement Light        | IR LED                                                                      | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                        | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                        | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| P2P                     | YES                                                                         | YES                                                                         |
| POE                     | Internal, Support IEEE 802.3af                                              | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 1920*1080@30fps                                                             | 1920*1080@30fps                                                             |
| Main Stream 2           | 1280*720@30fps                                                              | 1280*720@30fps                                                              |
| Main Stream 3           | N/A                                                                         | N/A                                                                         |
| Sub Stream 1            | 720*480@30fps                                                               | 720*480@30fps                                                               |
| Sub Stream 2            | 352*288@30fps                                                               | 352*288@30fps                                                               |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detection, Motion Detection(Based on Human and Vehicle Detection) | Intrusion Detection, Motion Detection(Based on Human and Vehicle Detection) |
| Day/Night               | Color/ B&W (IR-CUT )                                                        | Color/ B&W (IR-CUT )                                                        |
| Full Color              | N/A                                                                         | Full Color                                                                  |
| ROI                     | Support                                                                     | Support                                                                     |
| BLC                     | Support                                                                     | Support                                                                     |
| WDR                     | DWDR                                                                        | DWDR                                                                        |
| Recording Mode          | NVR/CMS/Web                                                                 | NVR/CMS/Web                                                                 |
| Audio                   | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )            | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )            |
| Alarm                   | N/A                                                                         | N/A                                                                         |
| SD Card Slot            | Optional External, Support Max 512GB                                        | Optional External, Support Max 512GB                                        |

| Model NO.               | FCV5R (IR Light)                                                            | FCV5RC (Hybrid Light)                                                       |
|-------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.7" Progressive Scan CMOS Sensor                                         | 1/2.7" Progressive Scan CMOS Sensor                                         |
| Resolution              | 5MP 2968(H)*1674(V)                                                         | 5MP 2968(H)*1674(V)                                                         |
| Compression             | H.264/H.265/MJPEG                                                           | H.264/H.265/MJPEG                                                           |
| Minimum Illumination    | Color: 0.01 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                          | Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR  |
| S/N Ratio               | 60dB                                                                        | 60dB                                                                        |
| Video Output            | Network                                                                     | Network                                                                     |
| Reset Button            | Optional                                                                    | Optional                                                                    |
| Focus Length            | 2.8mm/4mm (F1.6) (According to the housing)                                 | 2.8mm/4mm (F1.6) (According to the housing)                                 |
| Supplement Light        | IR LED                                                                      | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                        | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                        | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| P2P                     | YES                                                                         | YES                                                                         |
| POE                     | Internal, Support IEEE 802.3af                                              | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 2880*1620@30fps                                                             | 2880*1620@30fps                                                             |
| Main Stream 2           | 2560*1440@30fps                                                             | 2560*1440@30fps                                                             |
| Main Stream 3           | 1920*1080@30fps, 1280*720@30fps                                             | 1920*1080@30fps, 1280*720@30fps                                             |
| Sub Stream 1            | 1280*720@30fps                                                              | 1280*720@30fps                                                              |
| Sub Stream 2            | 720*480@30fps                                                               | 720*480@30fps                                                               |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detection, Motion Detection(Based on Human and Vehicle Detection) | Intrusion Detection, Motion Detection(Based on Human and Vehicle Detection) |
| Day/Night               | Color/ B&W (IR-CUT )                                                        | Color/ B&W (IR-CUT )                                                        |
| Full Color              | N/A                                                                         | Full Color                                                                  |
| ROI                     | Support                                                                     | Support                                                                     |
| BLC                     | Support                                                                     | Support                                                                     |
| WDR                     | DWDR                                                                        | DWDR                                                                        |
| Recording Mode          | NVR/CMS/Web                                                                 | NVR/CMS/Web                                                                 |
| Audio                   | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )            | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )            |
| Alarm                   | N/A                                                                         | N/A                                                                         |
| SD Card Slot            | Optional External, Support Max 512GB                                        | Optional External, Support Max 512GB                                        |



## Value Series

| Model NO.               | FCV8R (IR Light)                                                            | FCV8RC (Hybrid Light)                                                       |
|-------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.7" Progressive Scan CMOS Sensor                                         | 1/2.7" Progressive Scan CMOS Sensor                                         |
| Resolution              | 8MP 3864(H)*2184(V)                                                         | 8MP 3864(H)*2184(V)                                                         |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                             | H.264/H.264+/H.265/H.265+/MJPEG                                             |
| Minimun Illumination    | Color: 0.01 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                          | Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR  |
| S/N Ratio               | 60dB                                                                        | 60dB                                                                        |
| Video Output            | Network                                                                     | Network                                                                     |
| Reset Button            | Optional                                                                    | Optional                                                                    |
| Focus Length            | 2.8mm/4mm (F1.6) (According to the shell)                                   | 2.8mm/4mm (F1.6) (According to the shell)                                   |
| Supplement Light        | IR LED                                                                      | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                        | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                        | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| P2P                     | YES                                                                         | YES                                                                         |
| POE                     | Internal, Support IEEE 802.3af                                              | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 3840*2160@20fps                                                             | 3840*2160@20fps                                                             |
| Main Stream 2           | 3200*1800@20fps, 2880*1620@20fps                                            | 3200*1800@20fps, 2880*1620@20fps                                            |
| Main Stream 3           | 1920*1080@30fps, 1280*720@30fps                                             | 1920*1080@30fps, 1280*720@30fps                                             |
| Sub Stream 1            | 1280*720@30fps                                                              | 1280*720@30fps                                                              |
| Sub Stream 2            | 720*480@30fps                                                               | 720*480@30fps                                                               |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detection, Motion Detection(Based on Human and Vehicle Detection) | Intrusion Detection, Motion Detection(Based on Human and Vehicle Detection) |
| Day/Night               | Color/ B&W (IR-CUT )                                                        | Color/ B&W (IR-CUT )                                                        |
| Full Color              | N/A                                                                         | Full Color                                                                  |
| ROI                     | Support                                                                     | Support                                                                     |
| BLC                     | Support                                                                     | Support                                                                     |
| WDR                     | 120dB                                                                       | 120dB                                                                       |
| Recording Mode          | NVR/CMS/Web                                                                 | NVR/CMS/Web                                                                 |
| Audio                   | Built-in MIC, Audio IN, Audio IN/OUT (According to the shell )              | Built-in MIC, Audio IN, Audio IN/OUT (According to the shell )              |
| Alarm                   | N/A                                                                         | N/A                                                                         |
| SD Card Slot            | Optional External, Support Max 512GB                                        | Optional External, Support Max 512GB                                        |

| Model NO.               | KL2R/KL2R-X5 (IR Light)                                                                                                                      | KL2RC/KL2RC-X5 (Hybrid Light)                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                             | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                           |
| Resolution              | 2MP 1945(H)*1097(V)                                                                                                                          | 2MP 1945(H)*1097(V)                                                        |
| Compression             | H.264/H.264+/H.265/H.265+                                                                                                                    | H.264/H.264+/H.265/H.265+                                                  |
| Minimun Illumination    | Color: 0.001 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                          | Color: 0.001 Lux@(F1.6, AGC ON),0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                                                                                         | 60dB                                                                       |
| Video Output            | Network                                                                                                                                      | Network                                                                    |
| Reset Button            | Optional                                                                                                                                     | Optional                                                                   |
| Focus Length            | 2.8mm/4mm/6mm/2.7-13.5mm (F1.6) Motorized (According to the housing)                                                                         | 2.8mm/4mm/6mm/2.7-13.5mm (F1.6) Motorized (According to the housing)       |
| Supplement Light        | IR LED                                                                                                                                       | Warm light LED, IR LED                                                     |
| Supplement Light Status | Auto Control                                                                                                                                 | Auto Control                                                               |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                         | RJ-45 (10/100Base-T)                                                       |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                         | Support ONVIF 24.12(Profile S/T/G/M)                                       |
| P2P                     | YES                                                                                                                                          | YES                                                                        |
| POE                     | Internal, Support IEEE 802.3af                                                                                                               | Internal, Support IEEE 802.3af                                             |
| Main Stream 1           | 1920*1080@30fps                                                                                                                              | 1920*1080@30fps                                                            |
| Main Stream 2           | 1280*720@30fps                                                                                                                               | 1280*720@30fps                                                             |
| Main Stream 3           | 720*480@30fps                                                                                                                                | 720*480@30fps                                                              |
| Sub Stream 1            | 720*480@30fps                                                                                                                                | 720*480@30fps                                                              |
| Sub Stream 2            | N/A                                                                                                                                          | N/A                                                                        |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                     | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                   |
| Intelligent Analysis    | Intrusion Detection(based on human and Vehide Detection), Motion Detection(support enable the detection based on human and Vehicle movement) |                                                                            |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                         | Color/ B&W (IR-CUT )                                                       |
| Full Color              | N/A                                                                                                                                          | Full Color                                                                 |
| ROI                     | Support                                                                                                                                      | Support                                                                    |
| BLC                     | Support                                                                                                                                      | Support                                                                    |
| WDR                     | 120dB                                                                                                                                        | 120dB                                                                      |
| Recording Mode          | NVR/CMS/Web                                                                                                                                  | NVR/CMS/Web                                                                |
| Audio                   | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )                                                                             | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )           |
| Alarm                   | Optional 1 Channel Input/Ouput                                                                                                               | Optional 1 Channel Input/Ouput                                             |
| SD Card Slot            | Optional External, Support Max 512GB                                                                                                         | Optional External, Support Max 512GB                                       |



## Value Series

| Model NO.               | KL5R/KL5R-X5 (IR Light)                                                                                                                                                                                                                        | KL5RC/KL5RC-X5 (Hybrid Light)                                               |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS sensor                                                                                                                                                                                               | 1/2.8" SONY Starvis Back-illuminated CMOS sensor                            |
| Resolution              | 5MP 2616(H)*1964(V)                                                                                                                                                                                                                            | 5MP 2616(H)*1964(V)                                                         |
| Compression             | H.264/H.264+/H.265/H.265+                                                                                                                                                                                                                      | H.264/H.264+/H.265/H.265+                                                   |
| Minimum Illumination    | Color: 0.003 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                                            | Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                           | 60dB                                                                        |
| Video Output            | Network                                                                                                                                                                                                                                        | Network                                                                     |
| Reset Button            | Optional                                                                                                                                                                                                                                       | Optional                                                                    |
| Focus Length            | 2.8mm/4mm/6mm/2.7-13.5mm Motorized (F1.6)(According to the housing)                                                                                                                                                                            | 2.8mm/4mm/6mm/2.7-13.5mm Motorized (F1.6)(According to the housing)         |
| Supplement Light        | IR LED                                                                                                                                                                                                                                         | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                   | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                           | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                           | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| P2P                     | YES                                                                                                                                                                                                                                            | YES                                                                         |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                 | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 2592*1944@30fps                                                                                                                                                                                                                                | 2592*1944@30fps                                                             |
| Main Stream 2           | 2560*1440@30fps                                                                                                                                                                                                                                | 2560*1440@30fps                                                             |
| Main Stream 3           | 1920*1080@30fps, 1280*720@30fps                                                                                                                                                                                                                | 1920*1080@30fps, 1280*720@30fps                                             |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                 | 1280*720@30fps                                                              |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                  | 720*480@30fps                                                               |
| Intelligent Analysis    | Intrusion / Line Cross Detection / Motion Detection / Enter Area / Leave Area (Based on Human and Vehicle Detection), Loiter Detection / People Gather Detection (Based on Human Detection)<br>Illegal Parking / Line Crossing Count / Heatmap |                                                                             |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                           | Color/ B&W (IR-CUT )                                                        |
| Full Color              | N/A                                                                                                                                                                                                                                            | Full Color                                                                  |
| ROI                     | Support                                                                                                                                                                                                                                        | Support                                                                     |
| BLC                     | Support                                                                                                                                                                                                                                        | Support                                                                     |
| WDR                     | 120dB                                                                                                                                                                                                                                          | 120dB                                                                       |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                    | NVR/CMS/Web                                                                 |
| Audio                   | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing )                                                                                                                                                                               | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing)             |
| Alarm                   | Optional 1 Channel Input/Output                                                                                                                                                                                                                | Optional 1 Channel Input/Output                                             |
| SD Card Slot            | Optional External, Support Max 512GB                                                                                                                                                                                                           | Optional External, Support Max 512GB                                        |

| Model NO.               | KL8R/KL8R-X5 (IR Light)                                                                                                                                                                                                                                                                                                                       | KL8RC/KL8RC-X5 (Hybrid Light)                                        |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                                                                                                                                                              | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                     |
| Resolution              | 8MP 3864(H)*2192(V)                                                                                                                                                                                                                                                                                                                           | 8MP 3864(H)*2192(V)                                                  |
| Compression             | H.264/H.264+/H.265/H.265+                                                                                                                                                                                                                                                                                                                     | H.264/H.264+/H.265/H.265+                                            |
| Minimun Illumination    | Color: 0.005 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                                                                                                                                           | Color: 0.005 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                  |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                                                                          | 60dB                                                                 |
| Video Output            | Network                                                                                                                                                                                                                                                                                                                                       | Network                                                              |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                                                                      | Optional                                                             |
| Focus Length            | 2.8mm/4mm/6mm/2.7-13.5mm (F1.6) Motorized (According to the housing)                                                                                                                                                                                                                                                                          | 2.8mm/4mm/6mm/2.7-13.5mm (F1.6) Motorized (According to the housing) |
| Supplement Light        | IR LED                                                                                                                                                                                                                                                                                                                                        | Warm light LED, IR LED                                               |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                                                                  | Auto Control                                                         |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                                          | RJ-45 (10/100Base-T)                                                 |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                                          | Support ONVIF 24.12(Profile S/T/G/M)                                 |
| P2P                     | YES                                                                                                                                                                                                                                                                                                                                           | YES                                                                  |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                                                | Internal, Support IEEE 802.3af                                       |
| Main Stream 1           | 3840*2160@25fps                                                                                                                                                                                                                                                                                                                               | 3840*2160@25fps                                                      |
| Main Stream 2           | 2560*1440@25fps                                                                                                                                                                                                                                                                                                                               | 2560*1440@25fps                                                      |
| Main Stream 3           | 1920*1080@25fps, 1280*720@25fps                                                                                                                                                                                                                                                                                                               | 1920*1080@25fps, 1280*720@25fps                                      |
| Sub Stream 1            | 1280*720@25fps                                                                                                                                                                                                                                                                                                                                | 1280*720@25fps                                                       |
| Sub Stream 2            | 720*480@25fps                                                                                                                                                                                                                                                                                                                                 | 720*480@25fps                                                        |
| Intelligent Analysis    | Intrusion / Line Cross Detection / Motion Detecion / Enter Area / Leave Area (Based on Human and Vehicle Detection), Loiter Detecion / People Gather Detecion (Based on Human Detection)<br>Face Detection / Illegal Parking / License Plate Detection / Line Crossing Count / Abandoned Object Detection / Moving Object Detection / Heatmap |                                                                      |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                                                          | Color/ B&W (IR-CUT )                                                 |
| Full Color              | N/A                                                                                                                                                                                                                                                                                                                                           | Full Color                                                           |
| ROI                     | Support                                                                                                                                                                                                                                                                                                                                       | Support                                                              |
| BLC                     | Support                                                                                                                                                                                                                                                                                                                                       | Support                                                              |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                                                                         | 120dB                                                                |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                                                                                   | NVR/CMS/Web                                                          |
| Audio                   | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing)                                                                                                                                                                                                                                                                               | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing)      |
| Alarm                   | Optional 1 Channel Input/Ouput                                                                                                                                                                                                                                                                                                                | Optional 1 Channel Input/Ouput                                       |
| SD Card Slot            | Optional External, Support Max 512GB                                                                                                                                                                                                                                                                                                          | Optional External, Support Max 512GB                                 |

## Value Series

|                         |                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model NO.               | KL12RC                                                                                                                                                                                                                                                                          |
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS sensor                                                                                                                                                                                                                                |
| Resolution              | 12MP 3864(H)*2192(V)                                                                                                                                                                                                                                                            |
| Compression             | H.264/H.264+/H.265/H.265+                                                                                                                                                                                                                                                       |
| Minimum Illumination    | Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                                                                                                                                                     |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                            |
| Video Output            | Network                                                                                                                                                                                                                                                                         |
| Reset Button            | Optional                                                                                                                                                                                                                                                                        |
| Focus Length            | 4mm (F1.0) /6mm (F1.0)                                                                                                                                                                                                                                                          |
| Supplement Light        | IR LED                                                                                                                                                                                                                                                                          |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                    |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                            |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                            |
| P2P                     | YES                                                                                                                                                                                                                                                                             |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                  |
| Main Stream 1           | 4000*3000@15fps, 3840*2160@25fps                                                                                                                                                                                                                                                |
| Main Stream 2           | 2560*1440@25fps                                                                                                                                                                                                                                                                 |
| Main Stream 3           | 1920*1080@25fps, 1280*720@25fps                                                                                                                                                                                                                                                 |
| Sub Stream 1            | 1280*720@25fps, 1280*720@15fps                                                                                                                                                                                                                                                  |
| Sub Stream 2            | 720*480@25fps, 720*480@15fps                                                                                                                                                                                                                                                    |
| Intelligent Analysis    | Intrusion / Line Cross Detection / Motion Detection / Enter Area / Leave Area (Based on Human and Vehicle Detection), Loitering Detection / People Gathering Detection (Based on Human Detection)<br>Face Detection(not support other AI functions while enable face detection) |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                            |
| Full Color              | N/A                                                                                                                                                                                                                                                                             |
| ROI                     | Support                                                                                                                                                                                                                                                                         |
| BLC                     | Support                                                                                                                                                                                                                                                                         |
| WDR                     | 120dB                                                                                                                                                                                                                                                                           |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                                                                                                     |
| Audio                   | Default: Built in Mic, Option: Audio In                                                                                                                                                                                                                                         |
| Alarm                   | N/A                                                                                                                                                                                                                                                                             |
| SD Card Slot            | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                                                                                                     |



PRO SERIES

# Professional-grade Network Cameras

*Provide high quality, multi-function, stable performance  
of intelligent security network camera.*



CMSC



CMSE



CMLC



CMLE



DMMA



BMSF



BMMB



BMMD



BMME



BMLD

## PRO Series

| Model NO.               | BRL5R (IR Light)                                                                                                                                                                                                                                                                                                           | BRL5RC/BRL5RC-5X (Hybrid Light)                                             |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                                                                                                                                           | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                            |
| Resolution              | 5MP 2608 (H) × 1964 (V)                                                                                                                                                                                                                                                                                                    | 5MP 2608 (H) × 1964 (V)                                                     |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                                            | H.264/H.264+/H.265/H.265+/MJPEG                                             |
| Minimum Illumination    | Color: 0.003 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                                                                                                                        | Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                                                       | 60dB                                                                        |
| Video Output            | Network                                                                                                                                                                                                                                                                                                                    | Network                                                                     |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                                                   | Optional                                                                    |
| Focus Length            | 2.8mm/4mm/6mm (F1.6)                                                                                                                                                                                                                                                                                                       | 2.8mm/4mm/6mm/2.7-13.5mm Motorized (F1.6) (According to the housing)        |
| Supplement Light        | IR LED                                                                                                                                                                                                                                                                                                                     | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                                               | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                       | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                       | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                             | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 2592*1944@30fps, 2560*1440@30fps                                                                                                                                                                                                                                                                                           | 2592*1944@30fps, 2560*1440@30fps                                            |
| Main Stream 2           | 1920*1080@30fps                                                                                                                                                                                                                                                                                                            | 1920*1080@30fps                                                             |
| Main Stream 3           | 1280*720@30fps                                                                                                                                                                                                                                                                                                             | 1280*720@30fps                                                              |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                                             | 1280*720@30fps                                                              |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                                              | 720*480@30fps                                                               |
| Sub Stream 3            | N/A                                                                                                                                                                                                                                                                                                                        | N/A                                                                         |
| Tri Stream              | 1280*720@30fps, 720*480@30fps                                                                                                                                                                                                                                                                                              | 1280*720@30fps, 720*480@30fps                                               |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                                                                                                                                                   | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count,Loitering Detection/People Gathering Detection, Motion Detection,Face Detection, Illegal Parking, Heat Map, <b>License Plate Detection</b> , <b>Abandoned Object Detection</b> , <b>Removed Object Detection</b> |                                                                             |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                                       | Color/ B&W (IR-CUT )                                                        |
| Full Color              | N/A                                                                                                                                                                                                                                                                                                                        | <b>Full Color</b>                                                           |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                                                      | 120dB                                                                       |
| Audio                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                                           | Default: Built in Mic, Option: Audio In, Support Sound Detection            |
| Alarm                   | Default: Without, Option: Alarm I/O                                                                                                                                                                                                                                                                                        | Default: Without, Option: Alarm I/O                                         |
| SD Card Slot            | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                                                                                                                                                | Default: Without, Option: External SD card slot (Max 512GB)                 |

| Model NO.               | BRL8R (IR Light)                                                                                                                                                                                                                                                                                                           | BRL8RC/BRL8RC-X5(Hybrid Light)                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                                                                                                                                           | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                            |
| Resolution              | 8MP 3864(H)*2192(V)                                                                                                                                                                                                                                                                                                        | 8MP 3864(H)*2192(V)                                                         |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                                            | H.264/H.264+/H.265/H.265+/MJPEG                                             |
| Minimum Illumination    | Color: 0.005 Lux@(F1.6, AGC ON), B/W: 0 Lux with IR                                                                                                                                                                                                                                                                        | Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                                                                                                                                                                                                                                                                       | 60dB                                                                        |
| Video Output            | Network                                                                                                                                                                                                                                                                                                                    | Network                                                                     |
| Reset Button            | Optional                                                                                                                                                                                                                                                                                                                   | Optional                                                                    |
| Focus Length            | 2.8mm/4mm/6mm (F1.6)                                                                                                                                                                                                                                                                                                       | 2.8mm/4mm/6mm/2.7-13.5mm Motorized (F1.6) (According to the housing )       |
| Supplement Light        | IR LED                                                                                                                                                                                                                                                                                                                     | Warm light LED, IR LED                                                      |
| Supplement Light Status | Auto Control                                                                                                                                                                                                                                                                                                               | Auto Control                                                                |
| Ethernet                | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                       | RJ-45 (10/100Base-T)                                                        |
| ONVIF                   | Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                       | Support ONVIF 24.12(Profile S/T/G/M)                                        |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                             | Internal, Support IEEE 802.3af                                              |
| Main Stream 1           | 3840*2160@30fps, 3072*2048@30fps                                                                                                                                                                                                                                                                                           | 3840*2160@30fps, 3072*2048@30fps                                            |
| Main Stream 2           | 2592*1536@30fps, 2560*1440@30fps                                                                                                                                                                                                                                                                                           | 2592*1536@30fps, 2560*1440@30fps                                            |
| Main Stream 3           | 1920*1080@30fps, 1280*720@30fps                                                                                                                                                                                                                                                                                            | 1920*1080@30fps, 1280*720@30fps                                             |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                                                                                                                             | 1280*720@30fps                                                              |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                                                                                                                              | 720*480@30fps                                                               |
| Sub Stream 3            | 1280*720@30fps, 720*480@30fps                                                                                                                                                                                                                                                                                              | 1280*720@30fps, 720*480@30fps                                               |
| Tri Stream              | N/A                                                                                                                                                                                                                                                                                                                        | N/A                                                                         |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                                                                                                                                                   | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count,Loitering Detection/People Gathering Detection, Motion Detection,Face Detection, Illegal Parking, Heat Map, <b>License Plate Detection</b> , <b>Abandoned Object Detection</b> , <b>Removed Object Detection</b> |                                                                             |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                                       | Color/ B&W (IR-CUT )                                                        |
| Full Color              | N/A                                                                                                                                                                                                                                                                                                                        | <b>Full Color</b>                                                           |
| WDR                     | 120dB                                                                                                                                                                                                                                                                                                                      | 120dB                                                                       |
| Audio                   | Default: Built in Mic, Option: Audio In, Support Sound Detection                                                                                                                                                                                                                                                           | Default: Built in Mic, Option: Audio In, Support Sound Detection            |
| Alarm                   | Default: Without, Option: Alarm I/O                                                                                                                                                                                                                                                                                        | Default: Without, Option: Alarm I/O                                         |
| SD Card Slot            | Default: Without, Option: External SD card slot (Max 512GB)                                                                                                                                                                                                                                                                | Default: Without, Option: External SD card slot (Max 512GB)                 |



# Cost-Effective Surveillance Solution

*Delivers professional-grade surveillance capabilities with high cost-performance at an affordable price.*



TP2C



TH2A



BM5D



BP5C

| Model NO.            | FC2RC(Hybrid Light)                                             | FC4RC(Hybrid Light)                                             | FC8RC(Hybrid Light)                                             |
|----------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Image Sensor         | 1/3" Progressive Scan CMOS Sensor                               | 1/3" Progressive Scan CMOS Sensor                               | 1/2.7" Progressive Scan CMOS Sensor                             |
| Resolution           | 4MP 1928(H)*1088(V)                                             | 4MP 1928(H)*1088(V)                                             | 8MP 2968(H)*1674(V)                                             |
| Compression          | H.264/H.265/MJPEG                                               | H.264/H.265/MJPEG                                               | H.264/H.265/MJPEG                                               |
| Minimum Illumination | Color: 0.01 Lux@(F2.0, AGC ON), B/W: 0 Lux with IR              | Color: 0.01 Lux@(F2.0, AGC ON), B/W: 0 Lux with IR              | Color: 0.02 Lux@(F2.0, AGC ON), B/W: 0 Lux with IR              |
| S/N Ratio            | 60dB                                                            | 60dB                                                            | 60dB                                                            |
| Video Output         | Network                                                         | Network                                                         | Network                                                         |
| Reset Button         | Optional                                                        | Optional                                                        | Optional                                                        |
| Focus Length         | 2.8mm/4mm/6mm(F1.6) (According to the housing)                  | 2.8mm/4mm/6mm(F1.6) (According to the housing)                  | 2.8mm/4mm/6mm(F1.6) (According to the housing)                  |
| IR Status            | Auto Control                                                    | Auto Control                                                    | Auto Control                                                    |
| IR Power On          | Smart, Manual & Timed mode                                      | Smart, Manual & Timed mode                                      | Smart, Manual & Timed mode                                      |
| Ethernet             | RJ-45 (10/100Base-T)                                            | RJ-45 (10/100Base-T)                                            | RJ-45 (10/100Base-T)                                            |
| ONVIF                | Support ONVIF 24.12(Profile S/T/M)                              | Support ONVIF 24.12(Profile S/T/M)                              | Support ONVIF 24.12(Profile S/T/M)                              |
| P2P                  | YES                                                             | YES                                                             | YES                                                             |
| POE                  | Internal, Optional External, Support IEEE 802.3af               | Internal, Optional External, Support IEEE 802.3af               | Internal, Optional External, Support IEEE 802.3af               |
| Main Stream 1        | 2560*1440@25fps                                                 | 2560*1440@25fps                                                 | 3840*2160@20fps/3200*1800@20fps                                 |
| Main Stream 2        | 1920*1080@25fps                                                 | 1920*1080@25fps                                                 | 2880*1620@30fps                                                 |
| Main Stream 3        | 1280*720@25fps                                                  | 1280*720@25fps                                                  | 1920*1080@30fps/1280*720@30fps                                  |
| Sub Stream 1         | 720*480@25fps                                                   | 720*480@25fps                                                   | 720*480@20fps/720*480@30fps                                     |
| Sub Stream 2         | 640*360@25fps                                                   | 640*360@25fps                                                   | 352*288@20fps/352*288@30fps                                     |
| Sub Stream 3         | 352*288@25fps                                                   | 352*288@25fps                                                   | N/A                                                             |
| IE Brower            | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari        | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari        | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari        |
| Intelligent Analysis | Intrusion Detection (Based on Human Detection)                  | Intrusion Detection (Based on Human Detection)                  | Intrusion Detection (Based on Human Detection)                  |
| Day/Night            | Color/ B&W (IR-CUT )                                            | Color/ B&W (IR-CUT )                                            | Color/ B&W (IR-CUT )                                            |
| Full Color           | Support                                                         | Support                                                         | Support                                                         |
| WDR                  | DWDR                                                            | DWDR                                                            | DWDR                                                            |
| Privacy Masking      | 3 Rectangular Zone                                              | 3 Rectangular Zone                                              | 3 Rectangular Zone                                              |
| Recording Mode       | NVR/CMS/Web                                                     | NVR/CMS/Web                                                     | NVR/CMS/Web                                                     |
| Audio                | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing) | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing) | Built-in MIC, Audio IN, Audio IN/OUT (According to the housing) |
| Alarm                | N/A                                                             | N/A                                                             | N/A                                                             |
| SD Card Slot         | N/A                                                             | N/A                                                             | N/A                                                             |
| Storage Temperature  | -20°C ~ +60°C RH95% Max                                         | -20°C ~ +60°C RH95% Max                                         | -20°C ~ +60°C RH95% Max                                         |





8MP/16MP

# Dual-lens Panoramic Cameras

Seamless Stitching with 200° Ultra-Wide ngle



Ultra-high  
Definition



Ultra-wide  
32 : 9



4MM F1.0  
Dual Lens



(Red&Blue Light)  
Sound &  
Light Alarm



Built-in MIC  
& Speaker



Smart AI  
Detection



Smart  
Hybrid Light



Seamless  
Stitching



Full Color  
Night Vision



SD Card &  
Cloud



| Model NO.                 | CMLFKS8DP / CMLFKS16DP                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Image Sensor              | 1/1.8" SONY Starvis2 Back-illuminated CMOS sensor                                                                                                                                                                                                                                                                                                                                                      |                                                                            |
| Resolution                | 4MP+4MP 2704(H)*1540(V)*2 / 8MP+8MP 3856(H)*2180(V)*2                                                                                                                                                                                                                                                                                                                                                  |                                                                            |
| Compression               | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |
| Minimun Illumination      | Color: 0.005 Lux@(F1.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                                                                                                                                                                                                                                                                            | Color: 0.01 Lux@(F1.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio                 | 60dB                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |
| Video Output              | Network                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| Reset Button              | Support                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| Focus Length              | 4 mm, F1.0, horizontal FOV 200°, vertical FOV 61°, diagonal FOV 137°                                                                                                                                                                                                                                                                                                                                   |                                                                            |
| Supplement Light          | IR 4PCS, IR 50m, Warm light 4PCS, Warm light 50m                                                                                                                                                                                                                                                                                                                                                       |                                                                            |
| Supplement Light Status   | Auto Control                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            |
| Supplement Light Power On | Smart, Manual & Timed mode                                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
| Ethernet                  | RJ-45 (10/100Base-T)                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |
| ONVIF                     | 3.Support ONVIF 24.12(Profile S/T/G/M)                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
| P2P                       | YES                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                            |
| POE                       | Internal, Support IEEE 802.3af                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |
| Main Stream 1             | 5120*1440@30fps                                                                                                                                                                                                                                                                                                                                                                                        | 7680*2160@20fps                                                            |
| Main Stream 2             | N/A                                                                                                                                                                                                                                                                                                                                                                                                    | 4096*1152@20fps                                                            |
| Sub Stream 1              | 1920*540@30fps                                                                                                                                                                                                                                                                                                                                                                                         | 2560*720@20fps                                                             |
| Intelligent Analysis      | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehicle detection),<br>Loitering Detection/People Gathering Detection(based on human detection), Motion Detection,<br>Illegal Parking(based on vehicle shape and license plates), License Plate Detection, Abandoned Object Detection, Removed Object Detection, Heat Map |                                                                            |
| Day/Night                 | Color/ B&W (IR-CUT )                                                                                                                                                                                                                                                                                                                                                                                   |                                                                            |
| Full Color                | Support                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| Defog Mode                | Support                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| ROI                       | Support                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| BLC                       | Support                                                                                                                                                                                                                                                                                                                                                                                                |                                                                            |
| Audio                     | Default: Built in Mic+Built in Speaker Option: Audio I/O                                                                                                                                                                                                                                                                                                                                               |                                                                            |
| Alarm                     | Default: Alarm I/O                                                                                                                                                                                                                                                                                                                                                                                     |                                                                            |
| SD Card Slot              | Default: External SD card slot (Max 512GB)                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
| Housing                   | Metal & Plastic, IP67                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |
| Dimension                 | φ152 x 156.28 mm                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |

2MP/5MP

# IP PTZ Series



2MP/5MP



Smart Analytics



Cruise Scan



4X 18X 36X  
Optical Zoom



IR Range  
15M-200M



Remote View

NEW

KP5RCPTZ-X18

| Model NO.             | 18XIGC200WH                                                                           | 18XIGL500WH                           |                                                                                                                                                          |
|-----------------------|---------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor          | 1/2.9" Progressive Scan CMOS Sensor                                                   | 1/2.8" Progressive Scan CMOS Sensor   | 1/2.8" Progressive Scan CMOS Sensor                                                                                                                      |
| Horizontal Resolution | 2MP                                                                                   | 5MP                                   | 5MP                                                                                                                                                      |
| Compression           | H.264/H.265                                                                           | H.264/H.265/H.264+/H.265+             | H.264/H.265/H.264+/H.265+                                                                                                                                |
| Minimum Illumination  | Color: 0.008 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR                                 |                                       | Color: 0.005Lux @ (F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                                                             |
| Rotation Speed        | Horizontal: 80°/S, Tilt: 40°/S                                                        |                                       | Horizontal: 60°/S, Tilt: 40°/S                                                                                                                           |
| Rotation Range        | Horizontal: 0°~360°, Tilt: 0°~93°                                                     |                                       | Horizontal: 0°~360°, Tilt: 0°~93°                                                                                                                        |
| Lens                  | 18X Optical Zoom, 5.35-96.3mm F1.8-F3.9                                               |                                       | 18X Optical Zoom, 5.35-96.3mm F1.8-F3.9                                                                                                                  |
| Infrared LED          | ø 35x7PCS + 2PCS warm light LED                                                       |                                       | ø 35x7PCS + 2PCS warm light LED                                                                                                                          |
| IR Range              | 120m (Warm Light: 60m)                                                                |                                       | 100m (warm light: 60m)                                                                                                                                   |
| Day-night mode        | AUTO                                                                                  |                                       | AUTO                                                                                                                                                     |
| Network interface     | Built-in RJ45 network interface, Support 10M/100M IP DATA                             |                                       | Built-in RJ45 network interface, support 10M/100M IP DATA                                                                                                |
| Main Stream1          | 1920*1080@30fps                                                                       | 5MP(2592*1944)@20fps                  | 2592*1944@30fps                                                                                                                                          |
| Main Stream2          | 1280*720@30fps                                                                        | 4MP(2560*1440)@25fps                  | 2560*1440@30fps                                                                                                                                          |
| Main Stream3          |                                                                                       |                                       | 1920*1080@30fps, 1280*720@30fps                                                                                                                          |
| Main Stream4          |                                                                                       |                                       | 1280*720@30fps                                                                                                                                           |
| Sub Stream1           |                                                                                       |                                       | 1280*720@30fps                                                                                                                                           |
| Sub Stream2           |                                                                                       |                                       | 720*480@30fps                                                                                                                                            |
| Intelligent Analysis  | 3D Human Tracking / Intrusion Detection / Motion Detection (Based on Human Detection) |                                       | 3D Human Tracking, Loitering Detection/People Gathering Detection, Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection |
| Day/Night             | Color/ B&W (IR-CUT)/Intelligent                                                       |                                       | Color/ B&W (IR-CUT)/Intelligent                                                                                                                          |
| Full Color            | Support                                                                               |                                       | Support                                                                                                                                                  |
| Defog Mode            | Support                                                                               |                                       | N/A                                                                                                                                                      |
| ROI                   | Support                                                                               |                                       | Support                                                                                                                                                  |
| BLC                   | Support                                                                               |                                       | Support                                                                                                                                                  |
| WDR                   | DWDR                                                                                  | 120dB (Not support in 5MP Resolution) | 120dB                                                                                                                                                    |
| Audio                 | Built-in Mic & Speaker                                                                |                                       | Built-in Mic & Speaker                                                                                                                                   |
| SD Card Slot          | Support                                                                               |                                       | Support                                                                                                                                                  |
| POE                   | Optional                                                                              |                                       | Optional                                                                                                                                                 |
| Weatherproof          | IP66                                                                                  |                                       | IP65                                                                                                                                                     |
| Operating Temperature | Light on: -20~45°C, Light off: -20~55°C                                               |                                       | Light on: -30~50°C, Light off: -30~55°C                                                                                                                  |
| Power                 | DC12/2.1A(Device power consumption), DC12/3A(Power supply)                            |                                       | DC12/1.1A(Device power consumption), DC12/3A(Power supply)                                                                                               |
| Lightning Protection  | Transient voltage 6000V                                                               |                                       | Transient voltage 4000V                                                                                                                                  |



## AI Tracking PTZ

| Model NO.                | 18XIGC200                                                 | 18XIGL500                                                 | 36XIGL500                                                 |
|--------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Image Sensor             | 1/2.9" Progressive Scan CMOS Sensor                       | 1/2.8" Progressive Scan CMOS Sensor                       | 1/2.8" Progressive Scan CMOS Sensor                       |
| Horizontal Resolution    | 2MP                                                       | 5MP                                                       | 5MP                                                       |
| Minimum Illumination     | Color: 0.008 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR     | Color: 0.008 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR     | Color: 0.008 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR     |
| S/N Ratio                | 60db                                                      | 60db                                                      | 60db                                                      |
| Lens                     | 18X Optical Zoom, 5.35-96.3mm F1.8-F3.9                   | 18X Optical Zoom, 5.35-96.3mm F1.8-F3.9                   | 36X Optical Zoom, 4.6mm-165mm; F1.6-F4.3                  |
| Day-night mode           | AUTO                                                      | AUTO                                                      | AUTO                                                      |
| Network interface        | Built-in RJ45 network interface, Support 10M/100M IP DATA | Built-in RJ45 network interface, Support 10M/100M IP DATA | Built-in RJ45 network interface, Support 10M/100M IP DATA |
| Main Stream1             | 1920*1080@30fps                                           | 5MP(2592*1944)@20fps                                      | 5MP(2592*1944)@20fps                                      |
| Main Stream2             | 1280*720@30fps                                            | 4MP(2560*1440)@25fps                                      | 4MP(2560*1440)@25fps                                      |
| Intelligent Analysis     | 3D Human Tracking / Intrusion Detection                   | 3D Human Tracking / Intrusion Detection                   | 3D Human Tracking / Intrusion Detection                   |
| Tracking Effective Range | 5~50M Speed: 3~12KM/h                                     | 5~50M Speed: 3~12KM/h                                     | 5~50M Speed: 3~12KM/h                                     |
| Day/Night                | Color/ B&W (IR-CUT )/Intelligent                          | Color/ B&W (IR-CUT )/Intelligent                          | Color/ B&W (IR-CUT )/Intelligent                          |
| Defog Mode               | Support                                                   | Support                                                   | Support                                                   |
| BLC                      | Support                                                   | Support                                                   | Support                                                   |
| WDR                      | DWDR                                                      | 120dB(Not support in 5MP resolution)                      | 120dB(Not support in 5MP resolution)                      |
| Motion Detection         | Support(Based on human movement only)                     | Support(Based on human movement only)                     | Support(Based on human movement only)                     |
| Audio                    | Built-in Mic & Speaker                                    | Built-in Mic & Speaker                                    | Built-in Mic & Speaker                                    |
| SD Card Slot             | Support                                                   | Support                                                   | Support                                                   |
| Weatherproof             | IP66                                                      | IP66                                                      | IP66                                                      |
| Operating Temperature    | Light on: -20~45°C, Light off: -20~55°C                   | Light on: -20~45°C, Light off: -20~55°C                   | Light on: -20~45°C, Light off: -20~55°C                   |



### PT4A

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XIGC200, 18XIGL500, KP5RPTZ-X18 |
| Rotation Speed | Horizontal: 80°/S, Tilt: 30°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | ø 35 x 6PCS                       |
| IR Range       | 80m                               |



### PT5A

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XIGC200, 18XIGL500, KP5RPTZ-X18 |
| Rotation Speed | Horizontal: 30°/S, Tilt: 15°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | ø 35 x 6PCS                       |
| IR Range       | 80m                               |

NEW

| Model NO.                | KP5RPTZ-X18 / 1KP5RPTZ-X36                                                                                                                                | 4XGC200 / 10XGC200                                        | 4XGL500 / 10XGL500                                        |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Image Sensor             | 1/2.8" Progressive Scan CMOS Sensor                                                                                                                       | 1/2.9" Progressive Scan CMOS Sensor                       | 1/2.8" Progressive Scan CMOS Sensor                       |
| Horizontal Resolution    | 5MP                                                                                                                                                       | 2MP                                                       | 5MP                                                       |
| Minimum Illumination     | Color: 0.005Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR                                                                                                       | Color: 0.008 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR      | Color: 0.008 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR      |
| S/N Ratio                | 60db                                                                                                                                                      | 60db                                                      | 60db                                                      |
| Lens                     | 18X (5.35-96.3mm F1.8-F3.9), 36X (4.6mm-165mm; F1.8-F4.3)                                                                                                 | 4X (3.35-10.05mm F1.7-F3.0), 10X (5.1-51mm F2.36-F2.4)    | 4X (3.35-10.05mm F1.7-F3.0), 10X (5.1-51mm F2.36-F2.4)    |
| Day-night mode           | AUTO                                                                                                                                                      | AUTO                                                      | AUTO                                                      |
| Network interface        | Built-in RJ45 network interface,support 10M/100M IP DATA                                                                                                  | Built-in RJ45 network interface, Support 10M/100M IP DATA | Built-in RJ45 network interface, Support 10M/100M IP DATA |
| Main Stream1             | 2592*1944@30fps                                                                                                                                           | 1920*1080@30fps                                           | 5MP(2592*1944)@20fps                                      |
| Main Stream2             | 2560*1440@30fps                                                                                                                                           | 1280*720@30fps                                            | 4MP(2560*1440)@25fps                                      |
| Main Stream3             | 1920*1080@30fps, 280*720@30fps                                                                                                                            | /                                                         | 1080P(1920*1080)@30fps                                    |
| Main Stream4             | 1280*720@30fps                                                                                                                                            | /                                                         | 720P(1280*720)@30fps                                      |
| Intelligent Analysis     | 3D Human Tracking, Loitering Detection/People Gathering Detection, Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection, | Intrusion Detection                                       | Intrusion Detection                                       |
| Tracking Effective Range | 5~50M Speed: 3~12KM/h                                                                                                                                     | 5~50M Speed: 3~12KM/h                                     | 5~50M Speed: 3~12KM/h                                     |
| Day/Night                | Color/ B&W (IR-CUT )/Intelligent                                                                                                                          | Color/ B&W (IR-CUT )/Intelligent                          | Color/ B&W (IR-CUT )/Intelligent                          |
| Defog Mode               | Support                                                                                                                                                   | Support                                                   | Support                                                   |
| BLC                      | Support                                                                                                                                                   | Support                                                   | Support                                                   |
| WDR                      | 120dB                                                                                                                                                     | DWDR                                                      | 120dB(Not support in 5MP resolution)                      |
| Motion Detection         | Support(Based on human movement only)                                                                                                                     | Support(Based on human movement only)                     | Support(Based on human movement only)                     |
| Audio                    | Built-in Mic & Speaker                                                                                                                                    | Built-in Mic & Speaker                                    | Built-in Mic & Speaker                                    |
| SD Card Slot             | Support                                                                                                                                                   | Support                                                   | Support                                                   |



## PT7K

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XIGC200, 18XIGL500, KP5RPTZ-X18 |
| Rotation Speed | Horizontal: 60°/S, Tilt: 40°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | ø 35x6PCS + 2PCS Laser LED        |
| IR Range       | 100m                              |



## PT3DK

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 4XGC200, 4XGL500                  |
| Rotation Speed | Horizontal: 22°/S, Tilt: 15°/S    |
| Rotation Range | Horizontal: 0°~340°, Tilt: 0°~90° |
| Infrared LED   | ø 28x8PCS                         |
| IR Range       | 15m                               |



## PTDK

|                |                                     |
|----------------|-------------------------------------|
| Solution       | 10XGC200, 10XGL500                  |
| Rotation Speed | Horizontal: 30°/S, Tilt: 15°/S      |
| Rotation Range | Horizontal: 0°~180°, Tilt: -45°~40° |
| Infrared LED   | ø 35x6PCS                           |
| IR Range       | 80m                                 |

# Wi-Fi 6 IP Cameras



Wifi 6



4MP



WDR



Internal POE



RS485



Audio I/O



Alarm I/O



SD Card Slot



HFG200W / FG400W

- Board Lens 3.6mm /F1.6
- Water Resistance: IP67
- IR LED: 42μ x 2PCS, IR Range: 30M



LMBM36FW400W

- 4MP@30fps /1080P@30fps/ 720P@30fps
- With SD Card Slot (Max. 512G)
- Built in Mic



LMCM36FW400W

- 4MP@30fps /1080P@30fps/ 720P@30fps
- With SD Card Slot (Max. 512G)
- Built in Mic



| Model NO.            | FG200W                                                         | FG400W                                                         |
|----------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Image Sensor         | 1/2.9" Progressive Scan CMOS Sensor                            | 1/3" Progressive Scan CMOS Sensor                              |
| Resolution           | 2MP 1080P 1928(H)*1088(V)                                      | 4MP 2576(H)*1456(V)                                            |
| Compression          | H.264/H.264+/H.265/H.265+/MJPEG                                | H.264/H.264+/H.265/H.265+/MJPEG                                |
| Minimum Illumination | Color: 0.005 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR           | Color: 0.01 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR            |
| S/N Ratio            | 60db                                                           | 60db                                                           |
| Video Output         | Network                                                        | Network                                                        |
| Reset Button         | Optional                                                       | Optional                                                       |
| Lens Type            | Fixed, Board Lens 2.8mm/4mm /6mm                               | Fixed, Board Lens 2.8mm/4mm /6mm                               |
| Aperture             | F2.0                                                           | F1.6                                                           |
| IR Status            | Auto Control                                                   | Auto Control                                                   |
| IR Power On          | Smart, Manual & Timed mode                                     | Smart, Manual & Timed mode                                     |
| Ethernet             | RJ-45 (10/100Base-T)                                           | RJ-45 (10/100Base-T)                                           |
| ONVIF                | Support ONVIF 19.12(Profile S/T)                               | Support ONVIF 19.12(Profile S/T)                               |
| P2P                  | YES, Support QR Code                                           | YES, Support QR Code                                           |
| Main Stream 1        | 2304*1296@30fps                                                | 2688*1512@25fps                                                |
| Main Stream 2        | 1920*1080@30fps                                                | 2560*1440@30fps                                                |
| Main Stream 3        | 1280*720@30fps                                                 | 1920*1080@30fps/1280*720@30fps                                 |
| Sub Stream 1         | 1280*720@30fps                                                 | 1280*720@30fps                                                 |
| Sub Stream 2         | 720*480@30fps                                                  | 720*480@30fps                                                  |
| Wi-Fi                | 3dbi Wi-Fi(IEEE802.11b/g/n/ax), 2.4Ghz, No obstacles 400m Max. | 3dbi Wi-Fi(IEEE802.11b/g/n/ax), 2.4Ghz, No obstacles 400m Max. |
| Intelligent Analysis | Intrusion Detetion(based on human and Vehicle Detection)       | Intrusion Detetion(based on human and Vehicle Detection)       |
| Day/Night            | Color/ B&W (IR-CUT )                                           | Color/ B&W (IR-CUT )                                           |
| Defog Mode           | Support                                                        | Support                                                        |
| ROI                  | Support                                                        | Support                                                        |
| BLC                  | Support                                                        | Support                                                        |
| WDR                  | DWDR                                                           | DWDR                                                           |
| Recording Mode       | NVR/CMS/Web                                                    | NVR/CMS/Web                                                    |
| Audio                | Default: Built in Mic, Option: Audio In, Option: Audio I/O     | Default: Built in Mic, Option: Audio In, Option: Audio I/O     |
| SD Card Slot         | Default: Without, Option: External SD card slot (Max 512GB)    | Default: Without, Option: External SD card slot (Max 512GB)    |
| Housing              | Metal, IP67                                                    | Metal, IP67                                                    |

# Analog Cameras

2MP / 5MP / 4K



CMSB



CMSC



CMSE



CMSD



CPSB



CPSA



CMSA



LIRDLA



LIRDM



CMLE



LMDH



LVBDH



LMDN



LCDNK20



BMSC



BMSD



BPSC



BMSF



BMMB



LBE90



LBB90



LBP90



LMCM25



LMCM30



LMBM25



LMBM30



LBKD



TH2A



TP1B



BM5D



BPSG

## Value Series

| Model NO.             | 200FPERC<br>( Smart Hybrid Light)                                          | 500FKERC<br>( Smart Hybrid Light)                                                                          |
|-----------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Video Output Mode     | AHD/TVI/CVI: 2M@30fps/25fps;CVBS                                           | AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps, 2M@30fps/25fps;<br>CVI: 4M@30fps/25fps, 2M@30fps/25fps;<br>CVBS |
| Image Sensor          | 1/3.2" CMOS Sensor                                                         | 1/2.5" CMOS sensor                                                                                         |
| Image Resolution      | 2M:1920*1080                                                               | 5M:2592*1944 4M:2560*1440 2M:1920*1080                                                                     |
| TV System             | PAL/NTSC                                                                   | PAL/NTSC                                                                                                   |
| Electronic Shutter    | Auto                                                                       | Auto                                                                                                       |
| Minimun Illumination  | Color: 0.03 Lux@(F2.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR | Color: 0.03 Lux@(F2.0, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR                                 |
| Scanning System       | Progressive Scan                                                           | Progressive Scan                                                                                           |
| IR Cut Filter         | YES                                                                        | YES                                                                                                        |
| IR Status             | AGC auto control                                                           | AGC auto control                                                                                           |
| Starlight             | N/A                                                                        | /                                                                                                          |
| Day/Night             | YES/YES                                                                    | YES/NO                                                                                                     |
| OSD Menu              | YES                                                                        | YES                                                                                                        |
| WDR                   | DWDR                                                                       | 120dB                                                                                                      |
| UTC                   | YES                                                                        | YES                                                                                                        |
| Noise Reduction       | 2DNR                                                                       | 2DNR                                                                                                       |
| Coaxial Audio         | YES(Support TVI and CVI)                                                   | N/A                                                                                                        |
| White Balance         | AUTO / MANUAL                                                              | AUTO / MANUAL                                                                                              |
| Gain Control          | AUTO                                                                       | AUTO                                                                                                       |
| Operation Temperature | -10°C ~ +60°C RH95% Max                                                    | -10°C ~ +60°C RH95% Max                                                                                    |
| Storage Temperature   | -20°C ~ +60°C RH95% Max                                                    | -20°C ~ +60°C RH95% Max                                                                                    |
| Power Source          | DC12V±10%, 550mA                                                           | DC12V±10%, 550mA                                                                                           |



## Value Series

| Model NO.             | 200F<br>200FW(Full Color)                          | 200FPE<br>200FPEW(Full Color)                                                                                   | 200ESH / 2005XESH<br>200ESHW(Full Color)                                      |
|-----------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Video Output Mode     | AHD/TVI/CVI: 2M@30fps/25fps<br>CVBS                | AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps/15fps,<br>2M@30fps/25fps;<br>CVI: 4M@30fps/25fps, 2M@30fps/25fps,CVBS | AHD/TVI: 5M@20fps/12.5fps, 4M@30fps, 2M@30fps<br>CVI: 4M@30fps, 2M@30fps,CVBS |
| Image Sensor          | 1/3" CMOS Sensor                                   | 1/3" CMOS Sensor                                                                                                | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                              |
| Image Resolution      | 2M:1920*1080                                       | 5M:2592*1944 4M:2560*1440 2M:1920*1080                                                                          | 5M:2592*1944 4M:2560*1440 2M:1920*1080                                        |
| TV System             | PAL/NTSC                                           | PAL/NTSC                                                                                                        | PAL/NTSC                                                                      |
| Electronic Shutter    | Auto                                               | Auto                                                                                                            | Auto                                                                          |
| Minimun Illumination  | Color : 0.01 lux@F2.0, AGC ON; B/W : 0 lux with IR | Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR                                                              | Color : 0.001 lux@F1.6, AGC ON; B/W : 0 lux with IR                           |
| Scanning System       | Progressive Scan                                   | Progressive Scan                                                                                                | Progressive Scan                                                              |
| IR Cut Filter         | YES                                                | YES                                                                                                             | YES                                                                           |
| IR Status             | AGC auto control                                   | AGC auto control                                                                                                | AGC auto control                                                              |
| Starlight             | /                                                  | /                                                                                                               | YES                                                                           |
| Day/Night             | YES/NO                                             | YES/NO                                                                                                          | YES/NO                                                                        |
| OSD Menu              | YES                                                | YES                                                                                                             | YES                                                                           |
| WDR                   | DWDR                                               | DWDR                                                                                                            | 120dB                                                                         |
| UTC                   | YES                                                | YES                                                                                                             | YES                                                                           |
| Noise Reduction       | 3DNR                                               | DNR                                                                                                             | AI-DNR                                                                        |
| Coaxial Audio         | /                                                  | YES (only TVI )                                                                                                 | /                                                                             |
| White Balance         | AUTO / MANUAL                                      | AUTO / MANUAL                                                                                                   | AUTO / MANUAL                                                                 |
| Gain Control          | AUTO                                               | AUTO                                                                                                            | AUTO                                                                          |
| Operation Temperature | -10°C ~ +60°C RH95% Max                            | -10°C ~ +60°C RH95% Max                                                                                         | -10°C ~ +60°C RH95% Max                                                       |
| Storage Temperature   | -20°C ~ +60°C RH95% Max                            | -20°C ~ +60°C RH95% Max                                                                                         | -20°C ~ +60°C RH95% Max                                                       |
| Power Source          | DC12V±10%, 550mA                                   | DC12V±10%, 550mA                                                                                                | DC12V±10%, 550mA                                                              |

| Model NO.             | 500FKE<br>500FKEW(Full Color)                                                                                                                                                                            | 500ESL / 5005XESL<br>500ESLW / 5005XESLW(Full Color)                                                                                                                 | 800ES / 8004XES<br>800ESW / 8004XESW(Full Color)         |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Video Output Mode     | AHD: 8M@15fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps<br>TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps<br>CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps, CVBS | AHD: 8M@15fps, 5M@20fps/12.5fps, 4M/2M@30fps/25fps<br>CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps<br>TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M/2M@30fps/25fps<br>CVBS | AHD/TVI/CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps<br>CVBS |
| Image Sensor          | 1/2.5" CMOS Sensor                                                                                                                                                                                       | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                     | 1/2.8" SONY CMOS Sensor                                  |
| Image Resolution      | 8M:3840*2160 5M:2592*1944 4M:2560*1440 2M:1920*1080                                                                                                                                                      | 8M:3840*2160 5M:2592*1944 4M:2560*1440 2M:1920*1080                                                                                                                  | 8M:3840*2160 4M:2560*1440 2M:1920*1080                   |
| TV System             | PAL/NTSC                                                                                                                                                                                                 | PAL/NTSC                                                                                                                                                             | PAL/NTSC                                                 |
| Electronic Shutter    | Auto                                                                                                                                                                                                     | Auto                                                                                                                                                                 | Auto                                                     |
| Minimum Illumination  | Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR                                                                                                                                                       | Color : 0.003 lux@F1.6, AGC ON; B/W : 0 lux with IR                                                                                                                  | Color : 0.01 lux@F1.6, AGC ON; B/W : 0 lux with IR       |
| Scanning System       | Progressive Scan                                                                                                                                                                                         | Progressive Scan                                                                                                                                                     | Progressive Scan                                         |
| IR Cut Filter         | YES                                                                                                                                                                                                      | YES                                                                                                                                                                  | YES                                                      |
| IR Status             | AGC auto control                                                                                                                                                                                         | AGC auto control                                                                                                                                                     | AGC auto control                                         |
| Starlight             | /                                                                                                                                                                                                        | /                                                                                                                                                                    | YES                                                      |
| Day/Night             | YES/NO                                                                                                                                                                                                   | YES/NO                                                                                                                                                               | YES/NO                                                   |
| OSD Menu              | YES                                                                                                                                                                                                      | YES                                                                                                                                                                  | YES                                                      |
| WDR                   | DWDR                                                                                                                                                                                                     | 120dB                                                                                                                                                                | 120dB                                                    |
| UTC                   | YES                                                                                                                                                                                                      | YES                                                                                                                                                                  | YES                                                      |
| Noise Reduction       | DNR                                                                                                                                                                                                      | 3DNR                                                                                                                                                                 | 3DNR                                                     |
| Coaxial Audio         | YES (only TVI )                                                                                                                                                                                          | N/A                                                                                                                                                                  | /                                                        |
| White Balance         | AUTO / MANUAL                                                                                                                                                                                            | AUTO / MANUAL                                                                                                                                                        | AUTO / MANUAL                                            |
| Gain Control          | AUTO                                                                                                                                                                                                     | AUTO                                                                                                                                                                 | AUTO                                                     |
| Operation Temperature | -10°C ~ +60°C RH95% Max                                                                                                                                                                                  | -10°C ~ +60°C RH95% Max                                                                                                                                              | -10°C ~ +60°C RH95% Max                                  |
| Storage Temperature   | -20°C ~ +60°C RH95% Max                                                                                                                                                                                  | -20°C ~ +60°C RH95% Max                                                                                                                                              | -20°C ~ +60°C RH95% Max                                  |
| Power Source          | DC12V±10%, 550mA                                                                                                                                                                                         | DC12V±10%, 550mA                                                                                                                                                     | DC12V±10%, 550mA                                         |

## Eco Series

| Model NO.             | 2MP 200F<br>200FW(Full Color)                      | 5MP 500FPE<br>500FPEW(Full Color)                                                                               |                                                                                                                                                                                       |
|-----------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Output Mode     | AHD/TVI/CVI: 2M@30fps/25fps;<br>CVBS               | AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps/15fps,<br>2M@30fps/25fps;<br>CVI: 4M@30fps/25fps, 2M@30fps/25fps;CVBS | CONCH                                                                                                                                                                                 |
| Image Sensor          | 1/3.2" CMOS Sensor                                 | 1/3.2" CMOS Sensor                                                                                              |  TP1B  CMSD     |
| Image Resolution      | 2M:1920*1080                                       | 5M:2592*1944 4M:2560*1440 2M:1920*1080                                                                          |                                                                                                                                                                                       |
| TV System             | PAL/NTSC                                           | PAL/NTSC                                                                                                        | BULLET                                                                                                                                                                                |
| Electronic Shutter    | Auto                                               | Auto                                                                                                            |                                                                                                                                                                                       |
| Minimun Illumination  | Color : 0.01 lux@F2.0, AGC ON; B/W : 0 lux with IR | Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR                                                              |                                                                                                                                                                                       |
| Scanning System       | Progressive Scan                                   | Progressive Scan                                                                                                |                                                                                                                                                                                       |
| IR Cut Filter         | YES                                                | YES                                                                                                             |                                                                                                                                                                                       |
| IR Status             | AGC auto control                                   | AGC auto control                                                                                                |                                                                                                                                                                                       |
| Starlight             | N/A                                                | N/A                                                                                                             |                                                                                                                                                                                       |
| Day/Night             | YES                                                | YES                                                                                                             |                                                                                                                                                                                       |
| OSD Menu              | YES                                                | YES                                                                                                             |                                                                                                                                                                                       |
| WDR                   | DWDR                                               | DWDR                                                                                                            |                                                                                                                                                                                       |
| UTC                   | YES                                                | YES                                                                                                             |  BMSC  BMSD |
| Noise Reduction       | 3DNR                                               | 3DNR                                                                                                            |                                                                                                                                                                                       |
| Coaxial Audio         | N/A                                                | N/A                                                                                                             |  BPSC                                                                                            |
| White Balance         | AUTO / MANUAL                                      | AUTO / MANUAL                                                                                                   |                                                                                                                                                                                       |
| Gain Control          | AUTO                                               | AUTO                                                                                                            |                                                                                                                                                                                       |
| Operation Temperature | -10°C ~ +60°C RH95% Max                            | -10°C ~ +60°C RH95% Max                                                                                         |                                                                                                                                                                                       |
| Storage Temperature   | -20°C ~ +60°C RH95% Max                            | -20°C ~ +60°C RH95% Max                                                                                         |                                                                                                                                                                                       |
| Power Source          | DC12V±10%, 500mA                                   | DC12V±10%, 500mA                                                                                                |                                                                                                                                                                                       |



# HD PTZ



|                       |                                      |
|-----------------------|--------------------------------------|
| Model NO.             | 500NS / 5004XNS / 50010XNS           |
| Image Sensor          | 1/2.7" OV 5MP CMOS Sensor            |
| Image Resolution      | 5MP                                  |
| TV System             | PAL/NTSC                             |
| S/N Ratio             | >50db                                |
| Preset Points         | 220                                  |
| Guard Tours           | 3 groups                             |
| Guard Points          | Max.16 points                        |
| Lens                  | 18X Optical Zoom (5.35mm-96.3mm)     |
| Day-night mode        | AUTO                                 |
| UTC                   | Support                              |
| RS485                 | Support                              |
| Weatherproof          | IP66                                 |
| Operating Temperature | Indoor: 0°~ +40° Outdoor: -40°~ +60° |
| Operating Humidity    | ≤90% Non Condensing                  |
| Power                 | DC12V 3A                             |
| Lightning Protection  | Transient voltage 6000V              |



## PT5A

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18HTC500NS                        |
| Rotation Speed | Horizontal: 45°/S, Tilt: 30°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | φ 35 x 6PCS                       |
| IR Range       | 80m                               |



## PTDA

|                |                                   |
|----------------|-----------------------------------|
| Solution       | HTC5004XNS                        |
| Rotation Speed | Horizontal: 20°/S, Tilt: 25°/S    |
| Rotation Range | Horizontal: 0°~350°, Tilt: 0°~70° |
| Infrared LED   | φ 28x4PCS                         |
| IR Range       | 30m                               |



## PTDK

|                |                                      |
|----------------|--------------------------------------|
| Solution       | HTC20010XNS, HTC5004XNS, HTC50010XNS |
| Rotation Speed | Horizontal: 30°/S, Tilt: 15°/S       |
| Rotation Range | Horizontal: 0°~180°, Tilt: -45°~40°  |
| Infrared LED   | φ 35x6PCS                            |
| IR Range       | 60m                                  |

# NVR 6.0

*Interface upgrades, Easy to use*





16MP/12MP  
Resolution



POE Network  
Interfaces



H265/H264  
H265+/H264+



SATA Interface  
Up to 10 TB



Audio  
Input/Output



Alarm  
Input/Output



AI Function  
Human/Vehicle



HD Output



RJ45 Ethernet  
Interface



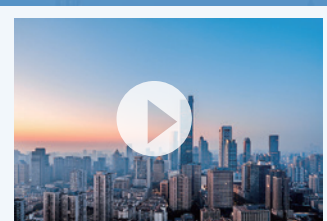
USB  
Interface



Playback  
Backup



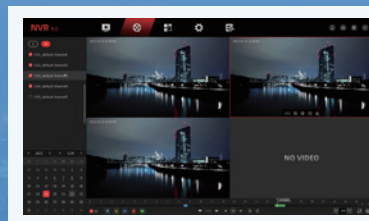
Cloud Support



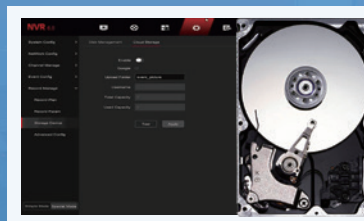
Live Preview



Playback

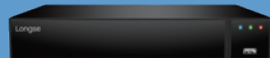


Camera Management



Hard Disk Management

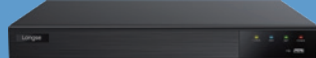
C  
Model



K1  
Model



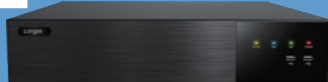
K2  
Model



K4  
Model



K8  
Model

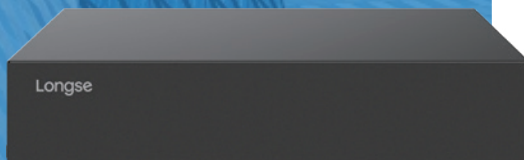




# ECO Series

9CH NVR  
8CH POE

S  
Model



## ECO Series

| Model NO.            | NVR3109S1/NVR3109S1P8                                                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Processor       | Dual Cortex A53                                                                                                                                             |
| Operating System     | Embedded LINUX                                                                                                                                              |
| Video Input          | 9CH                                                                                                                                                         |
| Video Output         | 1 HD                                                                                                                                                        |
| Audio Input          | N/A                                                                                                                                                         |
| Audio Output         | N/A                                                                                                                                                         |
| Audio Bit Rate       | 64kbps                                                                                                                                                      |
| Compression Standard | G711U, G711A, AAC                                                                                                                                           |
| Motion Detection     | 9 Channel, MD Zones: 396 (22 × 18)                                                                                                                          |
| HD Output1           | 4K(3840*2160)/2K(2560*1440)/1920*1080/1280*1024/1280*720/1024*768                                                                                           |
| Display Split        | 9CH/8CH/6CH/4CH/1CH                                                                                                                                         |
| Smart Event          | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count |
| Nomal Event          | Motion, Video Tampering, Video Loss, Audio Detection                                                                                                        |
| Video Compression    | H265/H264/H265+/H264+                                                                                                                                       |
| Resolution           | 12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,D1                                                                                                                 |
| Decode Capability    | 1080P(1920x1080)@210fps                                                                                                                                     |
| Remote Sync Playback | YES                                                                                                                                                         |
| Backup Mode          | USB Device/Network                                                                                                                                          |
| Interface            | 1 x RJ45                                                                                                                                                    |
| Onvif                | Profile S, Profile T                                                                                                                                        |
| Bandwidth            | 80Mbps                                                                                                                                                      |
| Cloud Support        | Yes                                                                                                                                                         |
| Smart Phone          | iPhone, Android                                                                                                                                             |
| POE                  | NA / 8 x Independent 100Mbps POE Network Interfaces                                                                                                         |
| Storage              | 1 x Max 8TB                                                                                                                                                 |
| USB Interface        | 2 USB 2.0 Interfaces                                                                                                                                        |
| Power Supply         | DC48V/1.36A ≤ 9.5W (Without Hard Disk)                                                                                                                      |
| Working Environment  | -10°C~50°C, 10%~90%(humidity)                                                                                                                               |
| Dimension(W×D×H)     | 200*175*40(mm)                                                                                                                                              |
| Net Weight           | 0.5kg/0.57kg(without HDD)                                                                                                                                   |

| Model NO.            | NVR3109C1P4                                                                                                                                                 | NVR3116C1P8                             | NVR3109K1P4                             | NVR3116K1P8                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Main Processor       | Dual Cortex A53                                                                                                                                             | Dual Cortex A53                         | Dual Cortex A53                         | Dual Cortex A53                         |
| Operating System     | Embedded LINUX                                                                                                                                              | Embedded LINUX                          | Embedded LINUX                          | Embedded LINUX                          |
| Video Input          | 9CH                                                                                                                                                         | 16CH                                    | 9CH                                     | 16CH                                    |
| Video Output         | 1 VGA, 1 HD                                                                                                                                                 | 1 VGA, 1 HD                             | 1 VGA, 1 HD                             | 1 VGA, 1 HD                             |
| Audio Input          | 1 Port RCA, support 9CH IPC audio input                                                                                                                     | 1 Port RCA, support 9CH IPC audio input | 1 Port RCA, support 9CH IPC audio input | 1 Port RCA, support 9CH IPC audio input |
| Audio Output         | 1 Port RCA(Linear, 1kΩ), HD output                                                                                                                          | 1 Port RCA(Linear, 1kΩ), HD output      | 1 Port RCA(Linear, 1kΩ), HD output      | 1 Port RCA(Linear, 1kΩ), HD output      |
| Audio Bit Rate       | 64kbps                                                                                                                                                      | 64kbps                                  | 64kbps                                  | 64kbps                                  |
| Compression Standard | G711U, G711A, AAC, MP2L2                                                                                                                                    | G711U, G711A, AAC, MP2L2                | G711U, G711A, AAC, MP2L2                | G711U, G711A, AAC, MP2L2                |
| Intercom             | support (two-way)                                                                                                                                           | support (two-way)                       | support (two-way)                       | support (two-way)                       |
| Alarm Sensor Input   | N/A                                                                                                                                                         | N/A                                     | N/A                                     | N/A                                     |
| Alarm Output         | N/A                                                                                                                                                         | N/A                                     | N/A                                     | N/A                                     |
| Motion Detection     | 9 Channel, MD Zones: 396 (22 × 18)                                                                                                                          | 16 Channel, MD Zones: 396 (22 × 18)     | 9 Channel, MD Zones: 396 (22 × 18)      | 16 Channel, MD Zones: 396 (22 × 18)     |
| Smart Event          | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count |                                         |                                         |                                         |
| Nomal Event          | Motion, Video Tampering, Video Loss, Audio Detection                                                                                                        |                                         |                                         |                                         |
| Video Compression    | H265/H264/H265+/H264+                                                                                                                                       | H265/H264/H265+/H264+                   | H265/H264/H265+/H264+                   | H265/H264/H265+/H264+                   |
| Resolution           | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1                                                                                                                      | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1  | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1  | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1  |
| Decode Capability    | 1080P(1920x1080)@210fps                                                                                                                                     | 1080P(1920x1080)@210fps                 | 1080P(1920x1080)@210fps                 | 1080P(1920x1080)@210fps                 |
| Remote Sync Playback | YES                                                                                                                                                         | YES                                     | YES                                     | YES                                     |
| Backup Mode          | USB Device/Network                                                                                                                                          | USB Device/Network                      | USB Device/Network                      | USB Device/Network                      |
| Interface            | 1 x RJ45                                                                                                                                                    | 1 x RJ45                                | 1 x RJ45                                | 1 x RJ45                                |
| Onvif                | Profile S, Profile T                                                                                                                                        | Profile S, Profile T                    | Profile S, Profile T                    | Profile S, Profile T                    |
| Incoming Bandwidth   | 80Mbps                                                                                                                                                      | 128Mbps                                 | 80Mbps                                  | 128Mbps                                 |
| Cloud Support        | Yes                                                                                                                                                         | Yes                                     | Yes                                     | Yes                                     |
| POE                  | 4 x Independent 100Mbps POE Interfaces                                                                                                                      | 8 x Independent 100Mbps POE Interfaces  | 4 x Independent 100Mbps POE Interfaces  | 8 x Independent 100Mbps POE Interfaces  |
| Storage              | 1 x Max10TB                                                                                                                                                 | 1 x Max10TB                             | 1 x Max10TB                             | 1 x Max10TB                             |
| USB Interface        | 2 USB 2.0 Interfaces                                                                                                                                        | 2 USB 2.0 Interfaces                    | 2 USB 2.0 Interfaces                    | 2 USB 2.0 Interfaces                    |
| Power Supply         | DC48V/1.36A ≤ 10W (Without Hard Disk)                                                                                                                       | DC48V/1.87A ≤ 10W (Without Hard Disk)   | DC48V/1.36A ≤ 10W (Without Hard Disk)   | DC48V/1.87A ≤ 10W (Without Hard Disk)   |
| Working Environment  | -10~50°C/10~90%                                                                                                                                             | -10~50°C/10~90%                         | -10~50°C/10~90%                         | -10~50°C/10~90%                         |
| Dimension(W×D×H)     | 260*230*43(mm)                                                                                                                                              | 260*230*43(mm)                          | 260*230*43(mm)                          | 260*230*43(mm)                          |
| Net Weight           | 0.74kg(without HDD)                                                                                                                                         | 0.78kg(without HDD)                     | 0.97kg(without HDD)                     | 1.01kg(without HDD)                     |

## Value Series

| Model NO.            | NVR3109C1                                                                                                                                                   | NVR3116C1                               | NVR3109K1                               | NVR3116K1                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Main Processor       | Dual Cortex A53                                                                                                                                             | Dual Cortex A53                         | Dual Cortex A53                         | Dual Cortex A53                         |
| Operating System     | Embedded LINUX                                                                                                                                              | Embedded LINUX                          | Embedded LINUX                          | Embedded LINUX                          |
| Video Input          | 9CH                                                                                                                                                         | 16CH                                    | 9CH                                     | 16CH                                    |
| Video Output         | 1 VGA, 1 HD                                                                                                                                                 | 1 VGA, 1 HD                             | 1 VGA, 1 HD                             | 1 VGA, 1 HD                             |
| Audio Input          | 1 Port RCA, support 9CH IPC audio input                                                                                                                     | 1 Port RCA, support 9CH IPC audio input | 1 Port RCA, support 9CH IPC audio input | 1 Port RCA, support 9CH IPC audio input |
| Audio Output         | 1 Port RCA(Linear, 1kΩ), HD output                                                                                                                          | 1 Port RCA(Linear, 1kΩ), HD output      | 1 Port RCA(Linear, 1kΩ), HD output      | 1 Port RCA(Linear, 1kΩ), HD output      |
| Audio Bit Rate       | 64kbps                                                                                                                                                      | 64kbps                                  | 64kbps                                  | 64kbps                                  |
| Compression Standard | G711U, G711A, AAC, MP2L2                                                                                                                                    | G711U, G711A, AAC, MP2L2                | G711U, G711A, AAC, MP2L2                | G711U, G711A, AAC, MP2L2                |
| Intercom             | support (two-way)                                                                                                                                           | support (two-way)                       | support (two-way)                       | support (two-way)                       |
| Alarm Sensor Input   | N/A                                                                                                                                                         | N/A                                     | N/A                                     | N/A                                     |
| Alarm Output         | N/A                                                                                                                                                         | N/A                                     | N/A                                     | N/A                                     |
| Motion Detection     | 9 Channel, MD Zones: 396 (22 × 18)                                                                                                                          | 16 Channel, MD Zones: 396 (22 × 18)     | 9 Channel, MD Zones: 396 (22 × 18)      | 16 Channel, MD Zones: 396 (22 × 18)     |
| Smart Event          | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count |                                         |                                         |                                         |
| Nomal Event          | Motion, Video Tampering, Video Loss, Audio Detection                                                                                                        |                                         |                                         |                                         |
| Video Compression    | H265/H264/H265+/H264+                                                                                                                                       | H265/H264/H265+/H264+                   | H265/H264/H265+/H264+                   | H265/H264/H265+/H264+                   |
| Resolution           | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1                                                                                                                      | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1  | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1  | 12MP,4k,5MP,4MP,3MP,1080P,960P,720P,D1  |
| Decode Capability    | 1080P(1920x1080)@210fps                                                                                                                                     | 1080P(1920x1080)@210fps                 | 1080P(1920x1080)@210fps                 | 1080P(1920x1080)@210fps                 |
| Remote Sync Playback | YES                                                                                                                                                         | YES                                     | YES                                     | YES                                     |
| Backup Mode          | USB Device/Network                                                                                                                                          | USB Device/Network                      | USB Device/Network                      | USB Device/Network                      |
| Interface            | 1 x RJ45(10M/100M Adaptive Ethernet Interface)                                                                                                              | 1 x RJ45                                | 1 x RJ45                                | 1 x RJ45                                |
| Onvif                | Profile S, Profile T                                                                                                                                        | Profile S, Profile T                    | Profile S, Profile T                    | Profile S, Profile T                    |
| Incoming Bandwidth   | 80Mbps                                                                                                                                                      | 128Mbps                                 | 80Mbps                                  | 128Mbps                                 |
| Cloud Support        | Yes                                                                                                                                                         | Yes                                     | Yes                                     | Yes                                     |
| POE                  | N/A                                                                                                                                                         | N/A                                     | N/A                                     | iPhone, Android                         |
| Storage              | 1 x Max10TB                                                                                                                                                 | 1 x Max10TB                             | 1 x Max10TB                             | N/A                                     |
| USB Interface        | 2 USB 2.0 Interfaces                                                                                                                                        | 2 USB 2.0 Interfaces                    | 2 USB 2.0 Interfaces                    | 1 x Max10TB                             |
| Power Supply         | DC12V/2A ≤ 10W (Without Hard Disk)                                                                                                                          | DC12V/2A ≤ 10W (Without Hard Disk)      | DC12V/2A ≤ 10W (Without Hard Disk)      | 2 USB 2.0 Interfaces                    |
| Working Environment  | -10~50°C/10~90%                                                                                                                                             | -10~50°C/10~90%                         | -10~50°C/10~90%                         | DC12V/2A ≤ 10W (Without Hard Disk)      |
| Dimension(W×D×H)     | 260*230*43(mm)                                                                                                                                              | 260*230*43(mm)                          | 260*230*43(mm)                          | -10~50°C/10~90%                         |
| Net Weight           | 0.68kg(without HDD)                                                                                                                                         | 0.68kg(without HDD)                     | 0.85kg(without HDD)                     | 260*230*43(mm)                          |
|                      |                                                                                                                                                             |                                         |                                         | 0.85kg(without HDD)                     |



| Model NO.            | NVR3216K2                                                                                                                                                   | NVR3216K2P16                                  | NVR3332K2                                                                                                                                                                                                                                                                                                 | NVR3332K2P16                                  |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Main Processor       | Quad Cortex A53                                                                                                                                             | Quad Cortex A53                               | Quad Cortex A53                                                                                                                                                                                                                                                                                           | Quad Cortex A53                               |
| Operating System     | Embedded LINUX                                                                                                                                              | Embedded LINUX                                | Embedded LINUX                                                                                                                                                                                                                                                                                            | Embedded LINUX                                |
| Video Input          | 16CH                                                                                                                                                        | 16CH                                          | 32CH                                                                                                                                                                                                                                                                                                      | 32CH                                          |
| Video Output         | 1 VGA, 1 HD                                                                                                                                                 | 1 VGA, 1 HD                                   | 1 VGA, 1 HD                                                                                                                                                                                                                                                                                               | 1 VGA, 1 HD                                   |
| Audio Input          | 1 Port RCA, support 16CH IPC audio input                                                                                                                    | 1 Port RCA, support 16CH IPC audio input      | 1 Port RCA, support 16CH IPC audio input                                                                                                                                                                                                                                                                  | 1 Port RCA, support 16CH IPC audio input      |
| Audio Output         | 1 Port RCA(Linear, 1kΩ), HD output                                                                                                                          | 1 Port RCA(Linear, 1kΩ), HD output            | 1 Port RCA(Linear, 1kΩ), HD output                                                                                                                                                                                                                                                                        | 1 Port RCA(Linear, 1kΩ), HD output            |
| Audio Bit Rate       | 64kbps                                                                                                                                                      | 64kbps                                        | 64kbps                                                                                                                                                                                                                                                                                                    | 64kbps                                        |
| Intercom             | Support (two-way)                                                                                                                                           | Support (two-way)                             | Support (two-way)                                                                                                                                                                                                                                                                                         | Support (two-way)                             |
| Alarm Sensor Input   | 4CH                                                                                                                                                         | 4CH                                           | 4CH                                                                                                                                                                                                                                                                                                       | 4CH                                           |
| Alarm Output         | 1CH                                                                                                                                                         | 1CH                                           | 1CH                                                                                                                                                                                                                                                                                                       | 1CH                                           |
| Motion Detection     | 16Channel, MD Zones: 396 (22 × 18)                                                                                                                          | 16Channel, MD Zones: 396 (22 × 18)            | 32Channel, MD Zones: 396 (22 × 18)                                                                                                                                                                                                                                                                        | 32Channel, MD Zones: 396 (22 × 18)            |
| Smart Event          | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count |                                               | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count, Face Detection, Face Recognition, LPD(License Plate Detection), LPR(License Plate Recognition), Object Left Behind, Object Removed, Heat Map |                                               |
| Nomal Event          | Motion, Video Tampering, Video Loss, Alarm Input, Audio Detection                                                                                           |                                               | Motion, Video Tampering, Video Loss, Alarm Input, Audio Detection, Scene Change                                                                                                                                                                                                                           |                                               |
| Video Compression    | H265/H264/H265+/H264+                                                                                                                                       | H265/H264/H265+/H264+                         | H265/H264/H265+/H264+                                                                                                                                                                                                                                                                                     | H265/H264/H265+/H264+                         |
| Resolution           | 12M,8M,6M,5MP,4MP,3MP,1080P,960P,720P,D1                                                                                                                    | 12M,8M,6M,5MP,4MP,3MP,1080P,960P,720P,D1      | 16/12/8/6/5/4/3MP/1080P,960P,720P,D1                                                                                                                                                                                                                                                                      | 16/12/8/6/5/4/3MP/1080P,960P,720P,D1          |
| Decode Capability    | 1080P(1920x1080)@240fps                                                                                                                                     | 1080P(1920x1080)@240fps                       | 1080P(1920x1080)@480fps                                                                                                                                                                                                                                                                                   | 1080P(1920x1080)@480fps                       |
| Remote Sync Playback | YES                                                                                                                                                         | YES                                           | YES                                                                                                                                                                                                                                                                                                       | YES                                           |
| Backup Mode          | USB Device/Network                                                                                                                                          | USB Device/Network                            | USB Device/Network                                                                                                                                                                                                                                                                                        | USB Device/Network                            |
| Interface            | 1 x RJ45                                                                                                                                                    | 1 x RJ45                                      | 1 x RJ45                                                                                                                                                                                                                                                                                                  | 1 x RJ45                                      |
| Onvif                | Profile S, Profile T                                                                                                                                        | Profile S, Profile T                          | Profile S, Profile T                                                                                                                                                                                                                                                                                      | Profile S, Profile T                          |
| Bandwidth            | 160Mbps                                                                                                                                                     | 160Mbps                                       | 256Mbps                                                                                                                                                                                                                                                                                                   | 256Mbps                                       |
| Cloud Support        | Yes                                                                                                                                                         | Yes                                           | Yes                                                                                                                                                                                                                                                                                                       | Yes                                           |
| POE                  | N/A                                                                                                                                                         | 16xIndependent 100Mbps POE Network Interfaces | N/A                                                                                                                                                                                                                                                                                                       | 16xIndependent 100Mbps POE Network Interfaces |
| Storage              | 2 x Max 10TB                                                                                                                                                | 2 x Max 10TB                                  | 2 x Max 10TB                                                                                                                                                                                                                                                                                              | 2 x Max 10TB                                  |
| USB Interface        | Front panel: 1×USB 2.0, Rear panel: 1×USB 2.0                                                                                                               | Front panel: 1×USB 2.0, Rear panel: 1×USB 2.0 | Front panel: 1×USB 2.0, Rear panel: 1×USB 3.0                                                                                                                                                                                                                                                             | Front panel: 1×USB 2.0, Rear panel: 1×USB 3.0 |
| Power Supply         | DC12V/4A ≤15W (Without Hard Disk)                                                                                                                           | DC12V/4A ≤15W (Without Hard Disk)             | DC12V/4A ≤15W (Without Hard Disk)                                                                                                                                                                                                                                                                         | DC12V/4A ≤15W (Without Hard Disk)             |
| Working Environment  | -10℃~55℃, 10%~90%(humidity)                                                                                                                                 | -10℃~55℃, 10%~90%(humidity)                   | -10℃~50℃, 10%~90%(humidity)                                                                                                                                                                                                                                                                               | -10℃~50℃, 10%~90%(humidity)                   |
| Dimension(W×D×H)     | 380 x 316 x 51mm                                                                                                                                            | 380 x 316 x 51mm                              | 380 x 316 x 51mm                                                                                                                                                                                                                                                                                          | 380 x 316 x 51mm                              |
| Weight               | 1.71kg(without HDD)                                                                                                                                         | 2.58kg(without HDD)                           | 1.71kg(without HDD)                                                                                                                                                                                                                                                                                       | 2.58kg(without HDD)                           |

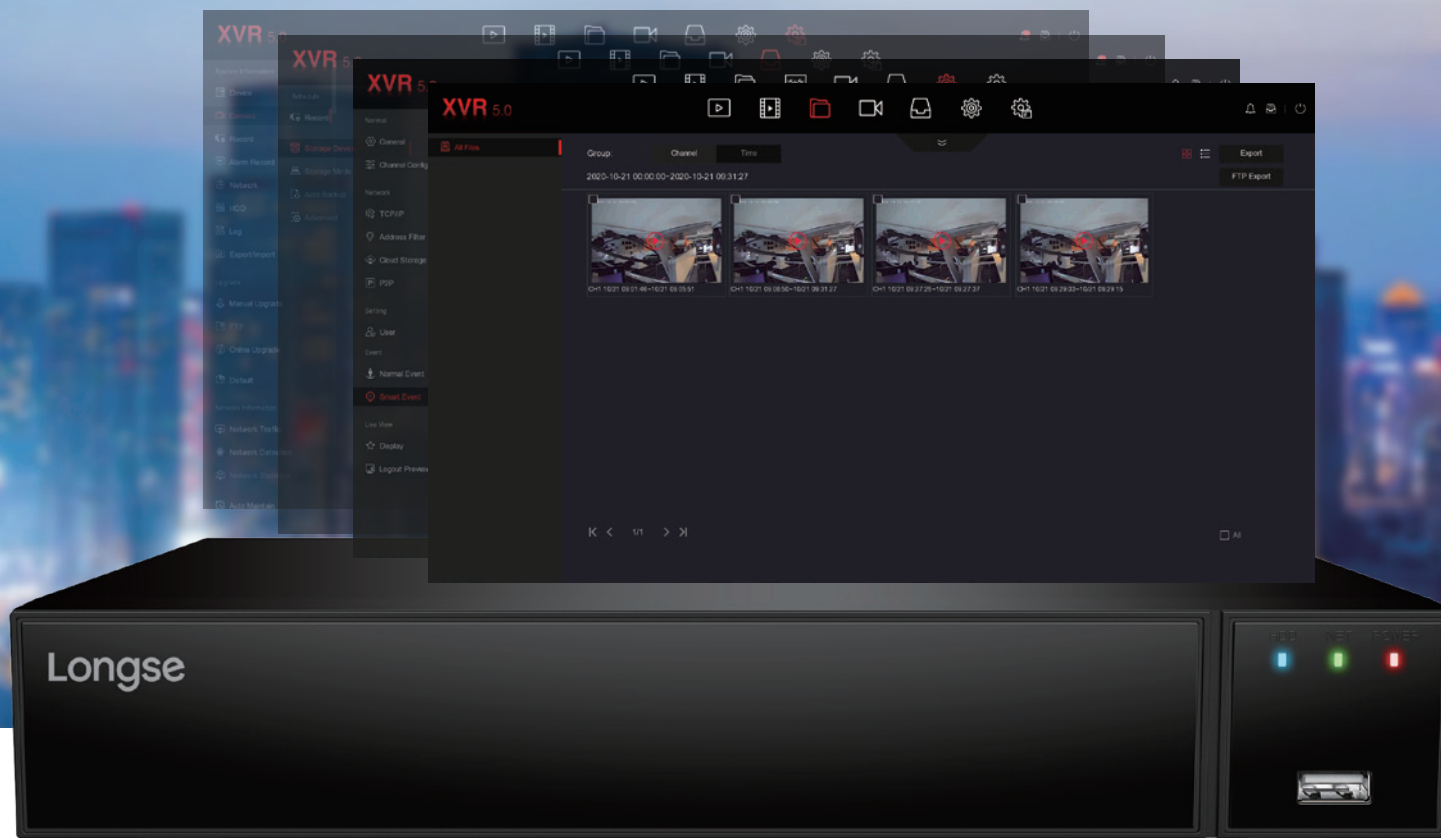
## Value Series

| Model NO.            | NVR3332K4                                                                                                                                                                                                                                                                                                 | NVR3332K4P24                                          | NVR3332K8                                            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------|
| Main Processor       | Quad Cortex A53                                                                                                                                                                                                                                                                                           | Quad Cortex A53                                       | Quad Cortex A53                                      |
| Operating System     | Embedded LINUX                                                                                                                                                                                                                                                                                            | Embedded LINUX                                        | Embedded LINUX                                       |
| Video Input          | 32CH                                                                                                                                                                                                                                                                                                      | 32CH                                                  | 32CH                                                 |
| Video Output         | 1 VGA, 1 HD                                                                                                                                                                                                                                                                                               | 1 VGA, 1 HD                                           | 1 VGA, 2 HD                                          |
| Audio Input          | 1 Port RCA, support 32CH IPC audio input                                                                                                                                                                                                                                                                  | 1 Port RCA, support 32CH IPC audio input              | 1 Port RCA, support 32CH IPC audio input             |
| Audio Output         | 1 Port RCA(Linear, 1kΩ), HD output                                                                                                                                                                                                                                                                        | 1 Port RCA(Linear, 1kΩ), HD output                    | 1 Port RCA(Linear, 1kΩ), HD output                   |
| Audio Bit Rate       | 64kbps                                                                                                                                                                                                                                                                                                    | 64kbps                                                | 64kbps                                               |
| Intercom             | Support (two-way)                                                                                                                                                                                                                                                                                         | Support (two-way)                                     | Support (two-way)                                    |
| Alarm Sensor Input   | 16CH                                                                                                                                                                                                                                                                                                      | 16CH                                                  | 16CH                                                 |
| Alarm Output         | 4CH                                                                                                                                                                                                                                                                                                       | 4CH                                                   | 4CH                                                  |
| Motion Detection     | 32Channel, MD Zones: 396 (22 × 18)                                                                                                                                                                                                                                                                        | 32Channel, MD Zones: 396 (22 × 18)                    | 32Channel, MD Zones: 396 (22 × 18)                   |
| Smart Event          | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count, Face Detection, Face Recognition, LPD(License Plate Detection), LPR(License Plate Recognition), Object Left Behind, Object Removed, Heat Map |                                                       |                                                      |
| Nomal Event          | Motion, Video Tampering, Video Loss, Alarm Input, Audio Detection, Scene Change                                                                                                                                                                                                                           |                                                       |                                                      |
| Video Compression    | H265/H264/H265+/H264+                                                                                                                                                                                                                                                                                     | H265/H264/H265+/H264+                                 | H265/H264/H265+/H264+                                |
| Resolution           | 12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,960H,D1                                                                                                                                                                                                                                                          | 16MP,12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,960H,D1 | 12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,960H,D1     |
| Decode Capability    | 1080P(1920x1080)@480fps                                                                                                                                                                                                                                                                                   | 1080P(1920x1080)@480fps                               | 1080P(1920x1080)@480fps                              |
| Remote Sync Playback | YES                                                                                                                                                                                                                                                                                                       | YES                                                   | YES                                                  |
| Backup Mode          | USB Device/Network                                                                                                                                                                                                                                                                                        | USB Device/Network                                    | USB Device/Network                                   |
| Interface            | 2 x RJ45                                                                                                                                                                                                                                                                                                  | 2 x RJ45                                              | 2 x RJ45                                             |
| Onvif                | Profile S, Profile T                                                                                                                                                                                                                                                                                      | Profile S, Profile T                                  | Profile S, Profile T                                 |
| Bandwidth            | 256Mbps                                                                                                                                                                                                                                                                                                   | 256Mbps                                               | 256Mbps                                              |
| Cloud Support        | Yes                                                                                                                                                                                                                                                                                                       | Yes                                                   | Yes                                                  |
| POE                  | /                                                                                                                                                                                                                                                                                                         | 24 x Independent 100Mbps POE Network Interfaces       | /                                                    |
| Storage              | 4 x Max 10TB                                                                                                                                                                                                                                                                                              | 4 x Max 10TB                                          | 8 x Max 10TB, 1 x ESATA                              |
| USB Interface        | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0                                                                                                                                                                                                                                                         | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0     | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0    |
| Power Supply         | 100~240VAC , 50/60Hz ≤20W(Without Hard Disk and POE)                                                                                                                                                                                                                                                      | 100~240VAC , 50/60Hz ≤20W(Without Hard Disk and POE)  | 100~240VAC , 50/60Hz ≤20W(Without Hard Disk and POE) |
| Working Environment  | -10℃~50℃, 10%~90%(humidity)                                                                                                                                                                                                                                                                               | -10℃~50℃, 10%~90%(humidity)                           | -10℃~50℃, 10%~90%(humidity)                          |
| Dimension(W×D×H)     | 440mm × 372mm × 69mm                                                                                                                                                                                                                                                                                      | 440mm × 372mm × 69mm                                  | 440mm × 372mm × 69mm                                 |
| Weight               | 4.38kg (without HDD)                                                                                                                                                                                                                                                                                      | 4.73kg (without HDD)                                  | 7.32kg (without HDD)                                 |

| Model NO.            | NVR3332K8P16                                                                                                                                                                                                                                                                                              | NVR3664K8                                             | NVR3664K8P16                                          |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Main Processor       | Quad Cortex A53                                                                                                                                                                                                                                                                                           | Quad Cortex A53                                       | Quad Cortex A53                                       |
| Operating System     | Embedded LINUX                                                                                                                                                                                                                                                                                            | Embedded LINUX                                        | Embedded LINUX                                        |
| Video Input          | 32CH                                                                                                                                                                                                                                                                                                      | 64CH                                                  | 64CH                                                  |
| Video Output         | 1 VGA, 2 HD                                                                                                                                                                                                                                                                                               | 1 VGA, 2 HD                                           | 1 VGA, 2 HD                                           |
| Audio Input          | 1 Port RCA, support 32CH IPC audio input                                                                                                                                                                                                                                                                  | 1 Port RCA, support 32CH IPC audio input              | 1 Port RCA, support 32CH IPC audio input              |
| Audio Output         | 1 Port RCA(Linear, 1kΩ), HD output                                                                                                                                                                                                                                                                        | 1 Port RCA(Linear, 1kΩ), HD output                    | 1 Port RCA(Linear, 1kΩ), HD output                    |
| Audio Bit Rate       | 64kbps                                                                                                                                                                                                                                                                                                    | 64kbps                                                | 64kbps                                                |
| Intercom             | Support (two-way)                                                                                                                                                                                                                                                                                         | Support (two-way)                                     | Support (two-way)                                     |
| Alarm Sensor Input   | 16CH                                                                                                                                                                                                                                                                                                      | 16CH                                                  | 16CH                                                  |
| Alarm Output         | 4CH                                                                                                                                                                                                                                                                                                       | 4CH                                                   | 4CH                                                   |
| Motion Detection     | 32Channel, MD Zones: 396 (22 × 18)                                                                                                                                                                                                                                                                        | 64Channel, MD Zones: 396 (22 × 18)                    | 64Channel, MD Zones: 396 (22 × 18)                    |
| Smart Event          | Intrusion Detection, Line Crossing Detection, Enter Area, Leave Area, Loitering Detection, People Gathering Detection, Illegal Parking, Line Crossing Count, Face Detection, Face Recognition, LPD(License Plate Detection), LPR(License Plate Recognition), Object Left Behind, Object Removed, Heat Map |                                                       |                                                       |
| Nomal Event          | Motion, Video Tampering, Video Loss, Alarm Input, Audio Detection, Scene Change                                                                                                                                                                                                                           |                                                       |                                                       |
| Video Compression    | H265/H264/H265+/H264+                                                                                                                                                                                                                                                                                     | H265/H264/H265+/H264+                                 | H265/H264/H265+/H264+                                 |
| Resolution           | 16MP,12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,960H,D1                                                                                                                                                                                                                                                     | 16MP,12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,960H,D1 | 16MP,12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,960H,D1 |
| Decode Capability    | 1080P(1920x1080)@480fps                                                                                                                                                                                                                                                                                   | 1080P(1920x1080)@480fps                               | 1080P(1920x1080)@480fps                               |
| Remote Sync Playback | YES                                                                                                                                                                                                                                                                                                       | YES                                                   | YES                                                   |
| Backup Mode          | USB Device/Network                                                                                                                                                                                                                                                                                        | USB Device/Network                                    | USB Device/Network                                    |
| Interface            | 2 x RJ45                                                                                                                                                                                                                                                                                                  | 2 x RJ45                                              | 2 x RJ45                                              |
| Onvif                | Profile S, Profile T                                                                                                                                                                                                                                                                                      | Profile S, Profile T                                  | Profile S, Profile T                                  |
| Bandwidth            | 256Mbps                                                                                                                                                                                                                                                                                                   | 384Mbps                                               | 384Mbps                                               |
| Cloud Support        | Yes                                                                                                                                                                                                                                                                                                       | Yes                                                   | Yes                                                   |
| POE                  | 16 x Independent 100Mbps POE Network Interfaces                                                                                                                                                                                                                                                           | /                                                     | 16 x Independent 100Mbps POE Network Interfaces       |
| Storage              | 8 x Max 10TB, 1 x ESATA                                                                                                                                                                                                                                                                                   | 8 x Max 10TB, 1 x ESATA                               | 8 x Max 10TB, 1 x ESATA                               |
| USB Interface        | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0                                                                                                                                                                                                                                                         | 2 × USB2.0, Rear panel: 1 × USB3.0                    | 2 × USB2.0, Rear panel: 1 × USB3.0                    |
| Power Supply         | 100~240VAC , 50/60Hz ≤20W(Without Hard Disk and POE)                                                                                                                                                                                                                                                      | 100~240VAC , 50/60Hz ≤20W(Without Hard Disk and POE)  | 100~240VAC , 50/60Hz ≤20W(Without Hard Disk and POE)  |
| Working Environment  | -10℃~50℃, 10%~90%(humidity)                                                                                                                                                                                                                                                                               | -10℃~50℃, 10%~90%(humidity)                           | -10℃~50℃, 10%~90%(humidity)                           |
| Dimension(W×D×H)     | 440mm × 372mm × 69mm                                                                                                                                                                                                                                                                                      | 440mm × 428mm × 90mm                                  | 440mm × 428mm × 90mm                                  |
| Weight               | 7.63kg(without HDD)                                                                                                                                                                                                                                                                                       | 7.32kg (without HDD)                                  | 7.63kg(without HDD)                                   |



# XVR 6.0





8MP/5MP/1080N  
Resolution



Human  
Detection



H.265+  
H.265



SATA Interface  
Up to 8 TB



Audio  
Input/Output



Alarm  
Input/Output



BNC



CVBS



RJ45 Ethernet  
Interface



USB  
Interface



Playback  
Backup



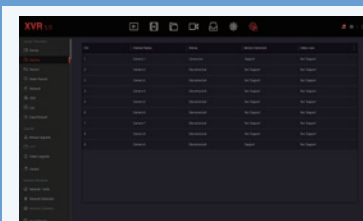
RS485



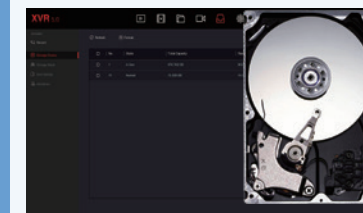
Live Preview



Playback



Camera Management



Hard Disk Management



| Model NO.            | XVR3004C1N                                        | XVR3008C1N                                        | XVR5016C1N                                        |
|----------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Main Processor       | MC6630                                            | MC6630                                            | MC6650                                            |
| Operating System     | Embedded LINUX                                    | Embedded LINUX                                    | Embedded LINUX                                    |
| Video Input          | 4CH HD, 6CH HD+IPC, 9CH IPC, 8CH BNC              | 8CH HD, 9CH HD+IPC, 16CH IPC, 8CH BNC             | 16CH HD, 16CH HD+IPC, 16CH IPC, 16CH BNC          |
| Signal Type          | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network            | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network            | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network            |
| Video Output         | 1HD,1 VGA                                         | 1HD,1 VGA                                         | 1HD,1 VGA                                         |
| Audio Input          | 1 ChannelRCA, Support AOC                         | 1 ChannelRCA, Support AOC                         | 1 ChannelRCA, Support AOC                         |
| Audio Output         | 1 Channel RCA                                     | 1 Channel RCA                                     | 1 Channel RCA                                     |
| Alarm Sensor Input   | /                                                 | /                                                 | /                                                 |
| Alarm Output         | /                                                 | /                                                 | /                                                 |
| Motion Detection     | 8 Channel(max 16 Channel in pure network mode)    | 8 Channel(max 16 Channel in pure network mode)    | 16 Channel                                        |
| AI Function          | Human Detection                                   | Human Detection                                   | Human Detection                                   |
| HD Output            | 1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768 | 1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768 | 1920 × 1080P, 1280 × 1024 , 1280 × 720,1024 × 768 |
| Display Split        | 1CH/4CH/8CH/9CH                                   | 1CH/4CH/8CH/9CH/16CH                              | 1CH/4CH/8CH/9CH/16CH                              |
| Privacy Masking      | 3 Rectangular Zones (Each camera)                 | 3 Rectangular Zones (Each camera)                 | 3 Rectangular Zones (Each camera)                 |
| Video Compression    | H.265/H.265+/H.264/H.264+                         | H.265/H.265+/H.264/H.264+                         | H.265/H.265+/H.264/H.264+                         |
| Audio Compression    | G.711U/G.711A                                     | G.711U/G.711A                                     | G.711U/G.711A                                     |
| Resolution           | 5MP_Lite, 4MP_Lite, 1080N, 720P, 960H             | 5MP_Lite, 4MP_Lite, 1080N, 720P, 960H             | 5MP_Lite, 4MP_Lite, 1080N, 720P, 960H             |
| Record Mode          | Manual / Timer / Motion Detection                 | Manual / Timer / Motion Detection                 | Manual / Timer / Motion Detection                 |
| Decode Capability    | 2 x1080P@30fps                                    | 2 x1080P@30fps                                    | 4 x1080P@30fps                                    |
| Remote Playback      | 4 Channel / 1Channel                              | 4 Channel / 1Channel                              | 4 Channel / 1Channel                              |
| Smart Phone Playback | 4 Channel                                         | 4 Channel                                         | 4 Channel                                         |
| Backup Mode          | USB Device(with fomat FAT 32 )/Network/FTP        | USB Device(with fomat FAT 32 )/Network/FTP        | USB Device(with fomat FAT 32 )/Network/FTP        |
| Interface            | 1 RJ45 10M/100M Adaptive Ethernet Interface       | 1 RJ45 10M/100M Adaptive Ethernet Interface       | 1 RJ45 10M/100M Adaptive Ethernet Interface       |
| Smart Phone          | iPhone, Android                                   | iPhone, Android                                   | iPhone, Android                                   |
| Hard Disk Driver     | 1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)      | 1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)      | 1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)      |
| UTC Control          | YES                                               | YES                                               | YES                                               |
| USB Interface        | 2 USB 2.0 Interfaces                              | 2 USB 2.0 Interfaces                              | 2 USB 2.0 Interfaces                              |
| Power consumption    | DC 12V/1.5A ≤ 7W (without HDD)                    | DC 12V/1.5A ≤ 7W (without HDD)                    | DC 12V/2A ≤ 7W (without HDD)                      |
| Dimension (W×D×H)    | 260*230*43(mm)                                    | 260*230*43(mm)                                    | 260*230*43(mm)                                    |
| Weight               | 0.86Kg (Without HDD)                              | 0.86Kg (Without HDD)                              | 0.86Kg (Without HDD)                              |



## Value Series

| Model NO.            | XVR3004C1P                                             | XVR5008C1P                                             | XVRDA7016HCB                                  | XVR5004C1H                                      |
|----------------------|--------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------|-------------------------------------------------|
| Main Processor       | MC6650                                                 | MC6650                                                 | MC6680                                        | MC6650                                          |
| Operating System     | Embedded LINUX                                         | Embedded LINUX                                         | Embedded LINUX                                | Embedded LINUX                                  |
| Video Input          | 8CH HD, 12CH HD+IPC, 16CH IPC, 8CH BNC                 | 8CH HD, 12CH HD+IPC, 16CH IPC, 8CH BNC                 | 16CH HD, 24CH HD+IPC, 32CH IPC, 16CH BNC      | 4CH HD, 9CH HD+IPC, 16CH IPC, 4CH BNC           |
| Signal Type          | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network                 | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network                 | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network        | Analog/AHD/CVI/TVI 2.0/TVI 3.0/Network          |
| Video Output         | 1HD,1 VGA, 1 CVBS                                      | 1HD,1 VGA, 1 CVBS                                      | 1HD,1 VGA, 1 CVBS                             | 1HD,1 VGA                                       |
| Audio Input          | 6 ChannelRCA,support AOC                               | 6 ChannelRCA,support AOC                               | 6 ChannelRCA,support AOC                      | 1 ChannelRCA, Support AOC                       |
| Audio Output         | 1 Channel RCA                                          | 1 Channel RCA                                          | 1 Channel RCA                                 | 1 Channel RCA                                   |
| Alarm Sensor Input   | 4 Channel                                              | 4 Channel                                              | 4 Channel                                     | 4 Channel                                       |
| Alarm Output         | 1 Channel                                              | 1 Channel                                              | 1 Channel                                     | 1 Channel                                       |
| Motion Detection     | 12 CH(max 16 CH in pure network mode)                  | 12 CH(max 16 CH in pure network mode)                  | 16 Channel                                    | 8 Channel(max 16 Channel in pure network mode)  |
| AI Function          | Human Detection                                        | Human Detection                                        | Human Detection                               | Human Detection                                 |
| PTZ                  | RS485 Interface                                        | RS485 Interface                                        | RS485 Interface                               | RS485 Interface                                 |
| Display Split        | 1CH/4CH/8CH/9CH/16CH                                   | 1CH/4CH/8CH/9CH/16CH                                   | 1CH/4CH/6CH/9CH/16CH/25CH/36CH                | 1CH/4CH/8CH/9CH/16CH                            |
| Privacy Masking      | 3 Rectangular Zones (Each camera)                      | 3 Rectangular Zones (Each camera)                      | 3 Rectangular Zones (Each camera)             | 3 Rectangular Zones (Each camera)               |
| Video Compression    | H.265/H.265+/H.264/H.264+                              | H.265/H.265+/H.264/H.264+                              | H.265/H.265+/H.264/H.264+                     | H.265/H.265+/H.264/H.264+                       |
| Audio Compression    | G.711U/G.711A                                          | G.711U/G.711A                                          | G.711U/G.711A                                 | G.711U/G.711A                                   |
| Resolution           | 5MP,8MP_Lite,5MP_HALF,4MP,4MP_HALF,3MP,1080N,720P,960H | 5MP,8MP_Lite,5MP_HALF,4MP,4MP_HALF,3MP,1080N,720P,960H | 5MP, 5MP_Lite, 5MP_Lite, 1080N, 720P, 960H    | 8MP, 5MP, 4MP, 3MP, 1080P, 720P, 960H           |
| Record Mode          | Normal\Motion Detection\Alarm\Intelligent              | Normal\Motion Detection\Alarm\Intelligent              | Manual / Timer / Motion Detection             | Manual\Timer\Motion Detection\Alarm\Intelligent |
| Decode Capability    | 4 x1080P@30fps                                         | 4 x1080P@30fps                                         | 8 x1080P@30fps                                | 4 x1080P@30fps                                  |
| Remote Playback      | 4 Channel / 1Channel                                   | 4 Channel / 1Channel                                   | 4 Channel / 1Channel                          | 4 Channel / 1Channel                            |
| Smart Phone Playback | 4 Channel                                              | 4 Channel                                              | 4 Channel                                     | 4 Channel                                       |
| Backup Mode          | USB Device(with fomat FAT 32 )/Network/FTP             | USB Device(with fomat FAT 32 )/Network/FTP             | USB Device(with fomat FAT 32 )/Network/FTP    | USB Device(with fomat FAT 32 )/Network/FTP      |
| Interface            | 1 RJ45 10M/100M Adaptive Ethernet Interface            | 1 RJ45 10M/100M Adaptive Ethernet Interface            | 1 RJ45 10M/100M Adaptive Ethernet Interface   | 1 RJ45 10M/100M Adaptive Ethernet Interface     |
| Smart Phone          | iPhone, Android                                        | iPhone, Android                                        | iPhone, ipad, Android, Android pad            | iPhone, Android                                 |
| Hard Disk Driver     | 1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)           | 1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)           | 2 SATA Hard Disk (2.5"/3.5" SATA, Up to 16TB) | 1 SATA Hard Disk (2.5"/3.5" SATA, Up to 8TB)    |
| UTC Control          | YES                                                    | YES                                                    | YES                                           | YES                                             |
| USB Interface        | 2 USB 2.0 Interfaces                                   | 2 USB 2.0 Interfaces                                   | 2 USB 2.0 Interfaces                          | 2 USB 2.0 Interfaces                            |
| Power consumption    | DC 12V/2A ≤10W (Without Hard Disk)                     | DC 12V/2A ≤ 7W (without HDD)                           | DC 12V/4A ≤15W (Without Hard Disk)            | DC 12V/2A ≤ 7W (without HDD)                    |
| Dimension (W×D×H)    | 260*215*43(mm)                                         | 260*230*43(mm)                                         | 310*295*46(mm)                                | 260*230*43(mm)                                  |
| Weight               | 2kg (Without HDD)                                      | 1.2kg (Without HDD)                                    | 3.5kg (Without HDD)                           | 1.2kg (Without HDD)                             |



# IPC Security Systems

*Plug and play, Ethernet cables for power supply and data transmission.*

4CH

8CH

8MP

12MP





### POE

Plug and play, network cable power supply



### Human Detection



### Vehicle Detection



### Smart Hybrid Light

Support IR mode, warm light mode and smart mode.



### Sound and Light Warning

Red & blue flashing light and sound alarm



### Local & Cloud Storage

Up to 10-20TB capacity, Cloud Support(P2P)



### 24/7 Full Color

Enhancing the vividness and richness of color images during nighttime or low-light conditions.



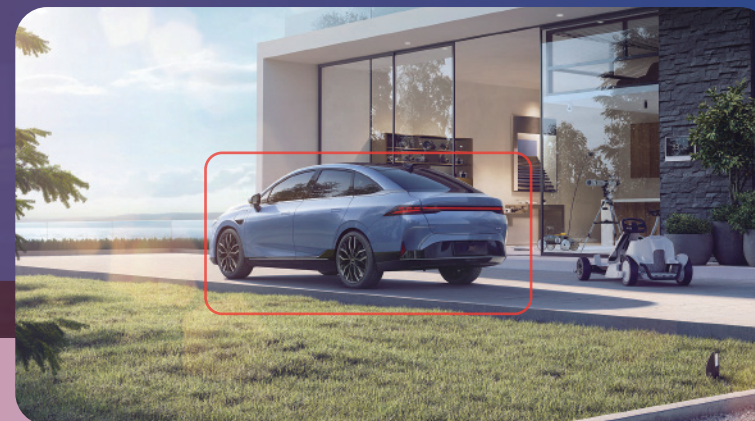
### Alarm I/O

Intelligent alarm when there is abnormal situation.



### Two-way Audio

Built-in microphone /speaker





## 4K POE Kits



| Model NO.         | LP8ME84B1    | LP8ME84D1    | LP8MEF8B1           | LP8MEF8D1           |
|-------------------|--------------|--------------|---------------------|---------------------|
| NVR               | 1 x NP08E    | 1 x NP08E    | 1 x NP16E           | 1 x NP16E           |
| Camera            | 4 x CP8B1    | 4 x CP8D1    | 8 x CP8B1           | 8 x CP8D1           |
| Adaptor           | DC48V/1875mA | DC48V/1875mA | AC 100-240V 50-60Hz | AC 100-240V 50-60Hz |
| Weight of Package | 6.71kg       | 6.11kg       | 12.44kg             | 11.2kg              |

## 12MP POE Kits



| Model NO.         | LP12ME84B1   | LP12ME84D1   | LP12MEF8B1          | LP12MEF8D1          |
|-------------------|--------------|--------------|---------------------|---------------------|
| NVR               | 1 x NP08E    | 1 x NP08E    | 1 x NP16E           | 1 x NP16E           |
| Camera            | 4 x CP12B1   | 4 x CP12D1   | 8 x CP12B1          | 8 x CP12D1          |
| Adaptor           | DC48V/1875mA | DC48V/1875mA | AC 100-240V 50-60Hz | AC 100-240V 50-60Hz |
| Weight of Package | 6.71kg       | 6.11kg       | 12.44kg             | 11.2kg              |

## 4K Lite POE Kits



| Model NO.         | LP8MC84B2    | LP8MC84D2    |
|-------------------|--------------|--------------|
| NVR               | 1 x NP08C    | 1 x NP08C    |
| Camera            | 4 x CP8B2SE  | 4 x CP8D2SE  |
| Adaptor           | DC48V/1875mA | DC48V/1875mA |
| Weight of Package | 6.1kg        | 5.73kg       |

## Camera



| Model NO.             | CP8B1                     | CP8D1                     | CP12B1                    | CP12D1                    | CP8B2SE                | CP8D2SE                |
|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|------------------------|------------------------|
| Resolution            | 8MP                       | 8MP                       | 12MP                      | 12MP                      | 8MP                    | 8MP                    |
| Lens                  | 2.8mm, Fixed(F=1.6)       | 2.8mm, Fixed(F=1.6)       | 2.8mm, Fixed(F=1.6)       | 2.8mm, Fixed(F=1.6)       | 2.8mm, Fixed(F=2.0)    | 2.8mm, Fixed(F=2.0)    |
| Intelligent Detection | Human & Vehicle detection | Human & Vehicle detection | Human & Vehicle detection | Human & Vehicle detection | /                      | /                      |
| Infrared Distance     | IR 30m, Warm light 30m    | IR 30m, Warm light 30m    | IR 30m, Warm light 30m    | IR 30m, Warm light 30m    | IR 30m, Warm light 30m | IR 30m, Warm light 30m |
| Main Stream 1         | 3840*2160@25fps           | 3840*2160@25fps           | 4000*3000@15fps           | 4000*3000@15fps           | 3840*2160@20fps        | 3840*2160@20fps        |
| Main Stream 4         | 1280*720@15fps            | 1280*720@15fps            | 1280*720@15fps            | 1280*720@15fps            | 2880*1620@20fps        | 2880*1620@20fps        |
| Day/Night             | Color/ B&W (IR-CUT )      | Color/ B&W (IR-CUT )      | Color/ B&W (IR-CUT )      | Color/ B&W (IR-CUT )      | Color/ B&W (IR-CUT )   | Color/ B&W (IR-CUT )   |
| Audio                 | Built-in MIC & speaker    | Built-in MIC & speaker    | Built-in MIC & speaker    | Built-in MIC & speaker    | Built-in MIC & speaker | Built-in MIC & speaker |
| Housing               | Metal, IP67               | Metal, IP67               | Metal, IP67               | Metal, IP67               | Metal, IP67            | Eyebal Metal , IP67    |
| Dimension             | Ø73×167mm                 | Ø90.4×83.6mm              | Ø73×167mm                 | Ø90.4×83.6mm              | Ø70×181mm              | Ø108×92.8mm            |
| Weight                | 446g                      | 310g                      | 446g                      | 310g                      | 375g                   | 276g                   |

## NVR



| Model NO.            | NP08E                              | NP16E                               | NP08C                              |
|----------------------|------------------------------------|-------------------------------------|------------------------------------|
| Input Channel        | 8CH POE                            | 16CH POE                            | 8CH POE                            |
| Video                | 1xHDMI & 1xVGA                     | 1xHDMI & 1xVGA                      | 1xHDMI & 1xVGA                     |
| Audio                | 1 Port RCA Output                  | 1 Port RCA Output                   | 1 Port RCA Output                  |
| Motion Detection     | 8 Channel, MD Zones: 396 (22 × 18) | 16 Channel, MD Zones: 396 (22 × 18) | 8 Channel, MD Zones: 396 (22 × 18) |
| Video Compression    | H.265+,H.265,H.264+,H.264          | H.265+,H.265,H.264+,H.264           | H.265+,H.265,H.264+,H.264          |
| Recording Resolution | ≤ 12MP                             | ≤ 12MP                              | ≤ 8MP                              |
| Local Sync Playback  | 4CH 12MP, 4CH 8MP                  | 4CH 12MP, 4CH 8MP                   | 2CH 8MP                            |
| POE                  | 8 x Independent 100Mbps            | 16 x Independent 100Mbps            | 8 x Independent 100Mbps            |
| Storage              | 1*Max 10TB HDD                     | 2*Max 10TB HDD                      | 1*Max 10TB HDD                     |
| USB Interface        | 2 USB 2.0 Interfaces               | 2 USB 2.0 Interfaces                | 2 USB 2.0 Interfaces               |
| Dimension(W×D×H)     | 260*239*46mm                       | 380*316*51mm                        | 260*239*46mm                       |



# HUB Security Kits

One HUB, All-round Home Safety.



AOR Solar-Powered PT Camera



AOR Solar-Powered PT Camera



AOR Battery WiFi Camera



AOR Battery WiFi Camera



Home Hub





## Camera



Battery & Solar



Full-color  
night vision



Sound and  
light alarm



Two-way audio



Hybrid Light



Smart Recording



Human / vehicle  
detection



TF card + cloud  
storage

## Hub



Built-in speaker  
Customized alarm



2.4G / 5.8G  
Wi-Fi



Built-in 32GB EMMC  
Max. 512GB TF



Supports 8CH  
Cameras



AOR PT Camera Kits  
JA12QA1



AOR PT Camera Kits  
JA14QA1



AOR Battery Camera Kits  
JA12BA1



AOR Battery Camera Kits  
JA14BA1



## Camera

### AOR PT Camera

### AOR Battery Camera

|                                |                                                                                       |                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Sensor Type                    | 1/3" CMOS                                                                             | 1/3" CMOS                                                                                                       |
| Lens                           | 4mm@F1.6                                                                              | 2.8mm@F1.6                                                                                                      |
| Pan/Tilt Rotation Angles       | Horizontal 0°-355°, Vertical 0°-90°                                                   | /                                                                                                               |
| Day/Night Mode                 | IR / dual-light alert mode                                                            | IR / dual-light alert mode                                                                                      |
| Digital Noise Reduction        | 3D Digital Noise Reduction                                                            | 3D Digital Noise Reduction                                                                                      |
| Audio                          | Built-InMIC & Speaker, Two-Way Audio                                                  | Built-InMIC & Speaker, Two-Way Audio                                                                            |
| Status Light                   | Support red and blue warning lights                                                   | Support red and blue warning lights                                                                             |
| Storage Interface              | Micro SD card (up to 512)                                                             | Micro SD card (up to 512)                                                                                       |
| Reset Button                   | 1                                                                                     | 1                                                                                                               |
| Power Switch                   | 1 dip switch                                                                          | 1 button switch (3-second power on, 10s power off)                                                              |
| Video Compression Standards    | H.265                                                                                 | H.265                                                                                                           |
| Maximum Video Size             | Main stream: 2880 * 1624, Substream: 1280 * 720, Maximum 15fps                        | Main stream: 2880 * 1624, Substream: 1280 * 720, Maximum 15fps                                                  |
| Working Mode                   | Smart Mode/Constant Power Mode/<br>AOR Mode/(Full time recording mode)/Sleep Mode     | Smart Mode/Constant Power Mode/AOR Mode/(Full time recording mode)/<br>Power-Saving Mode (PIR mode) /Sleep Mode |
| Smart Alarm                    | Motion Detection, Human Detection, Vehicle Detection, Non-Motorized Vehicle Detection | Motion Detection, Human Detection, Vehicle Detection, Non-Motorized Vehicle Detection                           |
| Pan/Tilt Presets               | Support, up to 6 presets                                                              | /                                                                                                               |
| Wireless                       | 2.4 GHz                                                                               | 2.4 GHz                                                                                                         |
| Solar Panel                    | 8W, 5V                                                                                | 5W, 5V                                                                                                          |
| Battery Capacity               | 9000mAh                                                                               | 5200mAh                                                                                                         |
| Protection Level               | IP65                                                                                  | IP65                                                                                                            |
| Power Supply                   | Type-C Charging Port DC 5V/2A (user needs to provide)                                 | Type-C Charging Port DC 5V/2A (user needs to provide)                                                           |
| Infrared Illumination Distance | 15 m                                                                                  | 15 m                                                                                                            |
| Dimensions (mm)                | 163×117×202mm                                                                         | 59.1×64.6×91.0mm                                                                                                |
| Weight                         | 630g(bare unit)                                                                       | 215g(bare unit)                                                                                                 |



## HUB

### Hub Intelligent control terminal

|                                       |                                                                                                |
|---------------------------------------|------------------------------------------------------------------------------------------------|
| Shell material                        | Plastic (PC+ABS V0 fire resistant)                                                             |
| Flash                                 | nor flash 16MB                                                                                 |
| DDR                                   | DDR3 2Gb                                                                                       |
| EMMC                                  | 32GB eMMC                                                                                      |
| Number of network video access routes | 8CH IPC Input (Max)                                                                            |
| Wireless communication                | 2.4G /5.8G Wi-Fi                                                                               |
| Bluetooth                             | BT 5.2                                                                                         |
| Built-in speaker                      | Support, full duplex voice intercom                                                            |
| SD card storage                       | A maximum of 512G x 1 is supported                                                             |
| Reset key                             | Support hardware reset (pin reset)                                                             |
| Pairing switch                        | Physical button for one-click pairing                                                          |
| Status light                          | Red and blue status indicator                                                                  |
| LAN port                              | One RJ45 10/100M adaptive Ethernet port                                                        |
| Operating temperature and humidity    | -10°C to +50°C, ≤RH95% no condensation                                                         |
| Power supply mode                     | Mains chief supplies power                                                                     |
| Power dissipation                     | Sleep power consumption: 4.7mW/ Typical power consumption: 175mW/ Peak power consumption: 2.8W |
| Power interface type                  | DC 12V/1A                                                                                      |
| Client                                | SV360 APP (Android /iOS/ Hongmeng)                                                             |
| Web end                               | Personal computer: Windows, Mac OS                                                             |
| Packing size                          | 156*101*193mm                                                                                  |
| Packing weight                        | 350g                                                                                           |
| Waterproof and dustproof              | IP54                                                                                           |



# Full Color XVR Kits

*DIY XVR Kits According to Your Needs*

*5MP/8MP Support Audio Over Coaxial*



2MP

5MP

8MP

4CH

8CH

# 4CH/8CH XVR Kits

2MP/5MP/4K

Optional Cameras



18m Coaxial Cable DC12V2A Adaptor DC12V5A Adaptor Power Splitter Cable



## CMSD

IR LED: 20 $\mu$  x 2PCS  
IR Range: 25M  
Board Lens 3.6mm  
Plastic Dome



## BPSC

IR LED: 42 $\mu$  x 2PCS  
IR Range: 25M  
Board Lens 3.6mm  
Plastic Bullet



## TP1B

IR LED: 14 $\mu$  x 2PCS  
Board Lens 3.6mm  
20m Night Vision  
Plastic Dome



SATA



USB



RJ-45



Audio



Alarm



CVBS

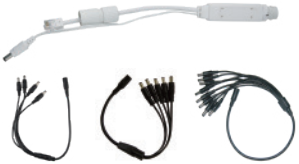


RS485



BNC

# Accessories

|                                                                                                                                                                          |                                                                                                                                 |                                                                                                                                                        |                                                                                                                                |                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                         |                                                |                                                                      |                                             |                                                                       |
| <p><b>POE Switch</b></p> <ul style="list-style-type: none"> <li>○ 4CH/8CH/16CH/24CH</li> <li>○ 10/100M/1000M Switch</li> <li>○ POE IEEE 802.3af, IEEE 802.3at</li> </ul> | <p><b>Splitter Cable</b></p> <ul style="list-style-type: none"> <li>○ 4CH, 5CH, 8CH Splitter</li> <li>○ POE Splitter</li> </ul> | <p><b>IPC Tester</b></p> <ul style="list-style-type: none"> <li>○ 4K TVI, 4K AHD, 4K CVI, 4K H.265 IP</li> <li>○ 2M HD-SDI, 2M EX-SDI, CVBS</li> </ul> | <p><b>PTZ Control Keyboard</b></p> <ul style="list-style-type: none"> <li>○ 3D/4D Joystick</li> <li>○ For IP/HD PTZ</li> </ul> | <p><b>CCTV Cable</b></p> <ul style="list-style-type: none"> <li>○ CAT5E Net Cable</li> <li>○ DC+BNC or DC+BNC+RCA</li> <li>○ HD Cable 18M-30M</li> </ul> |
|                                                                                         |                                                |                                                                      |                                             |                                                                       |
| <p><b>Camera Bracket</b></p> <ul style="list-style-type: none"> <li>○ For Dome &amp; Conch &amp; Bullet</li> </ul>                                                       | <p><b>Camera Housing</b></p> <ul style="list-style-type: none"> <li>○ Plastic or Aluminum Alloy</li> </ul>                      | <p><b>4K Monitor</b></p> <ul style="list-style-type: none"> <li>○ 32 Inch / 43 Inch</li> </ul>                                                         | <p><b>CCTV Lens</b></p> <ul style="list-style-type: none"> <li>○ Varifocal or Fixed Lens</li> <li>○ 1.3MP-4K Lens</li> </ul>   | <p><b>Power Box</b></p> <ul style="list-style-type: none"> <li>○ DC12V 5A-30A Power Supply</li> <li>○ 4/5/9/18 Electric Outputs</li> </ul>               |
|                                                                                       |                                              |                                                                    |                                           |                                                                     |
| <p><b>Power Adapter</b></p> <ul style="list-style-type: none"> <li>○ US, EU, AU, UK Standard</li> <li>○ 500mA-5000mA Power Current</li> </ul>                            | <p><b>LED Illuminator</b></p> <ul style="list-style-type: none"> <li>○ 80m/130m IR Distance</li> <li>○ 42mW IR LEDS</li> </ul>  | <p><b>Connector</b></p>                                                                                                                                | <p><b>Video Balun</b></p>                                                                                                      | <p><b>HD Video Coverter</b></p>                                                                                                                          |



|                                                |                                                                                              |                                                                                              |                                                                                              |                                                                                                |                                                                                               |                                                                                               |
|------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>CCTV<br/>Junction Box<br/>&amp; Bracket</b> | <br>B116    | <br>MC106   | <br>PC115  | <br>MC129   | <br>B310   | <br>B320   |
| <b>Matched<br/>Modles</b>                      | CMSB, CMLB, CMSD, CMLE,<br>BMSC, BMSCD, BPSC,<br>BMSF, BMMD,<br>LBP60/90, LBB60/90, LBE60/90 | CMSB                                                                                         | CMSB, CMSD, CMLE<br>BMSC, BMSCD, BMSF                                                        | CMSC, CMSE, CMLC                                                                               | CMSB, BMSC, BMSCD,<br>BPSC, BMSF                                                              | CMSD, CMLE, LIRDCA,<br>LMDH, DMMA,<br>BMMB, BMMC, BMMD, BMME<br>LBP60/90, LBB60/90, LBE60/90  |
| <b>CCTV<br/>Junction Box<br/>&amp; Bracket</b> | <br>MC94    | <br>PB14146 | <br>B200  | <br>B173-01 | <br>B100   | <br>B245   |
| <b>Matched<br/>Modles</b>                      | CMSB, BMSC, BMSCD                                                                            | CMSB, CMSD, CMSD,CMLE,<br>BMSC, BMSCD, BMSF, BMMD,<br>LBB60/90, LBE60/90, LBP60/90           | LBP60, LBP90                                                                                 | CMSB, CMLE, CMSD, CMSA<br>BMSC, BMSCD, BPSC,<br>LBB60/90, LBE60/90, LBP60/90                   | LIRDCA                                                                                        | CMSC, CMLE                                                                                    |
| <b>CCTV<br/>Junction Box<br/>&amp; Bracket</b> | <br>B272  | <br>B270  | <br>B780 | <br>B300A | <br>B790 | <br>B840 |
| <b>Matched<br/>Modles</b>                      | PTDC, PTDA                                                                                   | B310, B320, PT5A                                                                             | PT4A, PT6A                                                                                   | LVDH                                                                                           | PT4A, PT4B, PT6A,<br>PT6B, PT10G                                                              | HS-301, HS-310, HS-360                                                                        |



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