



# Longse

**2025**  
PRODUCTS GUIDE

# 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 | Special Series  
Active Deterrence Cameras | AI ISP Cameras | PTZ Cameras | WiFi Cameras





## 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



## H.265+

The realized code stream is 50% less than the standard H.265, thereby reducing network bandwidth, saving hard disk space, and greatly saving user costs.



## Sound and Light Warning

Red & blue flashing light and sound alarm



## Auto Focus

4X, 5X, 10X, 18X, 20X, 22X 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.



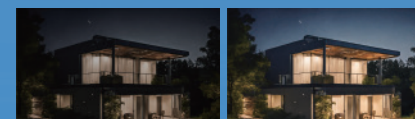
## 24/7 Full Color

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**

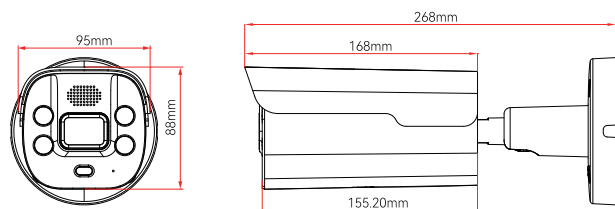
Internal POE



## Active Deterrence

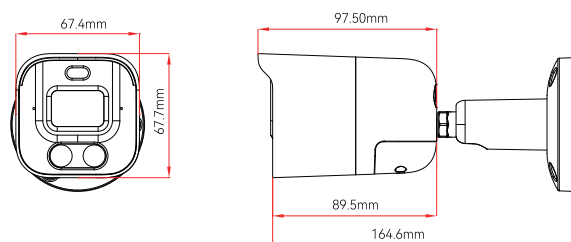
### BMLC

Supplement Light: 42μ x 4PCS, 42μ x 4PCS IR LED



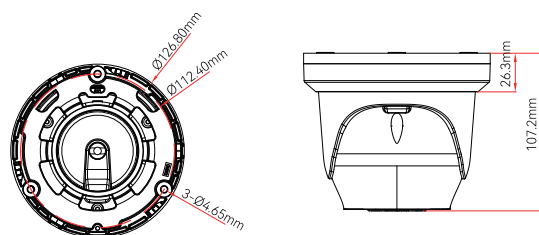
### BMSE

Supplement Light: 42μ x 2PCS, 42μ x 2PCS IR LED



### CMLC

Supplement Light: 42μ x 2PCS, 42μ x 2PCS IR LED



|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                 |
| Resolution              | 5MP 2616(H)*1964(V)                                                                                                                                                                              |
| Compression             | H.264/H.264+/H.265/H.265+                                                                                                                                                                        |
| Minimun Illumination    | Color: 0.003 Lux@(F1.6, AGC ON), 0 Lux white light, B/W: 0 Lux with IR                                                                                                                           |
| S/N Ratio               | 60dB                                                                                                                                                                                             |
| Video Output            | Network                                                                                                                                                                                          |
| Reset Button            | Support                                                                                                                                                                                          |
| Focus Length            | Fixed focal lens, 2.8mm/4mm (F1.6)                                                                                                                                                               |
| 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)                                                                                                                                                             |
| POE                     | Internal, Support IEEE 802.3af                                                                                                                                                                   |
| Main Stream 1           | 2592*1944@30fp                                                                                                                                                                                   |
| Main Stream 2           | 2560*1440@30fp                                                                                                                                                                                   |
| Main Stream 3           | 1920*1080@30fps/1280*720@30fps                                                                                                                                                                   |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                   |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                    |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                         |
| Intelligent Analysis    | Intrusion Detecion / Line Cross Detecion / Enter Area / Leave Area (Based on Human and Vehicle Detection), Motion Detecion / Loiter Detecion / People Gather Detecion (Based on Human Detection) |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                             |
| Full Color              | Support                                                                                                                                                                                          |
| Corridor Pattern        | Support                                                                                                                                                                                          |
| WDR                     | Support                                                                                                                                                                                          |
| Recording Mode          | NVR/CMS/Web                                                                                                                                                                                      |
| Audio                   | Built in Mic and Speaker(Support optional add Audio Line IN)                                                                                                                                     |
| Alarm                   | 1ch Alarm In/1ch Alarm Out                                                                                                                                                                       |
| SD Card Slot            | External, Support Max 512GB                                                                                                                                                                      |
| Housing                 | Metal, 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



LVBDH



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.               | 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 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           | 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 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.               | 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                                                          |
| Minimun Illumination    | Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with white light, 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           | 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 Vehide Detection) | Intrusion Detection, Motion Detection(Based on Human and Vehide 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 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                                       |

## 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),0 Lux with white light, 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 Varifocal (According to the shell)                                                                                                                     | 2.8mm/4mm/6mm/2.7-13.5mm (F1.6) Motorized Varifocal (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           | 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 Detecion / Line Cross Detetion / Enter Area / Leave Area (Based on Human and Vehicle Detection), Motion Detecion / Loiter Detecion / People Gather Detecion (Based on Human 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                   | Optional 1 Channel Input/Output                                                                                                                                                                  | Optional 1 Channel Input/Output                                              |
| 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), 0 Lux with white light, 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/2.7-13.5mmMotorized Varifocal (F1.6)(According to the shell )                                                                                                                      | 2.8mm/4mm/6mm/2.7-13.5mmMotorized Varifocal (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           | 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                                                               |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                         | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                    |
| Intelligent Analysis    | Intrusion Detecion / Line Cross Detecion / Enter Area / Leave Area (Based on Human and Vehicle Detection), Motion Detecion / Loiter Detecion / People Gather Detecion (Based on Human 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                   | Optional 1 Channel Input/Ouput                                                                                                                                                                   | Optional 1 Channel Input/Ouput                                              |
| 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 Varifocal (According to the shell)                                                                                                                     | 2.8mm/4mm/6mm/2.7-13.5mm (F1.6) Motorized Varifocal (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@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                                                                |
| IE Brower               | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                                                                         | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                     |
| Intelligent Analysis    | Intrusion Detecion / Line Cross Detetion / Enter Area / Leave Area (Based on Human and Vehicle Detection), Motion Detecion / Loiter Detecion / People Gather Detecion (Based on Human 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                   | Optional 1 Channel Input/Ouput                                                                                                                                                                   | Optional 1 Channel Input/Ouput                                               |
| SD Card Slot            | Optional External, Support Max 512GB                                                                                                                                                             | Optional External, Support Max 512GB                                         |



# AI ISP Full Color

*Despite the Darkness, It Remains Clear and Bright.*

4MP

Starlight CMOS

F1.0

Large Aperture

0.0001

LUX

2.0T

Computing Power



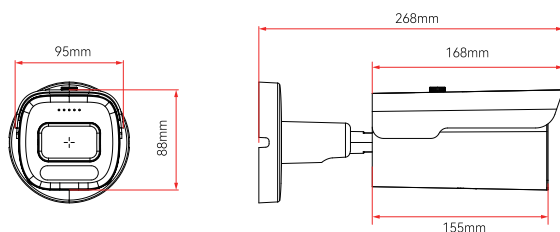
AI ISP Camera

Ordinary Camera

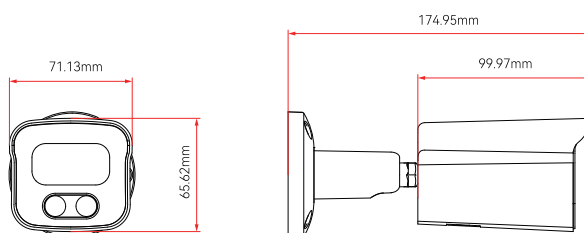


**BMMBRV4AC**

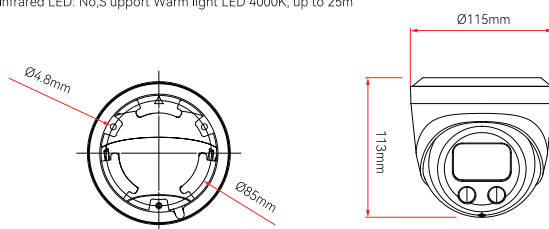
Infrared LED: No, Support Warm light LED 4000K, up to 40m

**BMSFRV4AC**

Infrared LED: No, Support Warm light LED 4000K, up to 25m

**CMLERV4AC**

Infrared LED: No, Support Warm light LED 4000K, up to 25m



|                           |                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor              | 1/1.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                           |
| Resolution                | 4MP 2712(H)*1538 (V)                                                                                                                                                                                       |
| Compression               | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                                                                            |
| Minimum Illumination      | Color: 0.0001 Lux@(F1.0, AGC ON), 0 Lux with white light                                                                                                                                                   |
| 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             | 2688*1512@30fps                                                                                                                                                                                            |
| Main Stream 2             | 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              | 352*288@30fps                                                                                                                                                                                              |
| Tri Stream                | 1280*720@30fps, 720*480@30fps, 352*288@30fps                                                                                                                                                               |
| IE Brower                 | IE8-11, Google Chrome, Firefox                                                                                                                                                                             |
| Intelligent Analysis      | Intrusion Detetion, Line Cross Detetion, Motion Detection, Enter Area, Leave Area(based on human and vehicle Detection), Loiter Detetion, People Gather Detecion(based on human detection), Face Detection |
| Day/Night                 | Color                                                                                                                                                                                                      |
| Full Color                | Support                                                                                                                                                                                                    |
| WDR                       | 140dB                                                                                                                                                                                                      |
| Audio                     | Built-in MIC, Audio IN, Audio IN/OUT                                                                                                                                                                       |
| Alarm                     | Optional 1 Channel Input/Ouput                                                                                                                                                                             |
| SD Card Slot              | Optional Internal/External, Support Max 1TB,Built in 4G Storage                                                                                                                                            |
| Housing                   | IP67                                                                                                                                                                                                       |



# Professional-grade Network Cameras

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



CMSC



CMSE



CMLC



CMLE



LMDH



LVBDH



BMSF



BMMB



BMMD



BMME

| Model NO.               | RL4R/RL4RC-5X(IR Light)                                                                                                                                                                                             | RL4RC/RL4RC-5X (Hybrid Light)                                                |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Image Sensor            | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                                                                                                                                                                    | 1/2.8" SONY Starvis Back-illuminated CMOS Sensor                             |
| Resolution              | 4MP/5MP 2616(H)*1964(V)                                                                                                                                                                                             | 4MP/5MP 2616(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), 0 Lux with white light, 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 Varifoca (F1.6) (According to the shell )                                                                                                                                        | 2.8mm/4mm/6mm/2.7-13.5mm Motorized Varifoca (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)                                         |
| 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/60fps                                                                                                                                                                                               | 2560*1440@30fps/60fps                                                        |
| Main Stream 3           | 1920*1080@30fps/60fps, 1280*720@30fps/60fps                                                                                                                                                                         | 1920*1080@30fps/60fps, 1280*720@30fps/60fps                                  |
| Sub Stream 1            | 1280*720@30fps                                                                                                                                                                                                      | 1280*720@30fps                                                               |
| Sub Stream 2            | 720*480@30fps                                                                                                                                                                                                       | 720*480@30fps                                                                |
| Sub Stream 3            | 352*288@30fps                                                                                                                                                                                                       | 352*288@30fps                                                                |
| Tri Stream              | 1280*720@30fps, 720*480@30fps, 352*288@30fps                                                                                                                                                                        | 1280*720@30fps, 720*480@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 Detecion / Line Cross Detetion / Enter Area / Leave Area (Based on Human and Vehicle Detection),<br>Motion Detecion / Loiter Detecion / People Gather Detecion (Based on Human Detection), Face Detection |                                                                              |
| Day/Night               | Color/ B&W (IR-CUT )                                                                                                                                                                                                | Color/ B&W (IR-CUT )                                                         |
| Full Color              | N/A                                                                                                                                                                                                                 | Full Color                                                                   |
| WDR                     | 120dB                                                                                                                                                                                                               | 120dB                                                                        |
| 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                   | Optional 1 Channel Input/Ouput                                                                                                                                                                                      | Optional 1 Channel Input/Ouput                                               |
| SD Card Slot            | Optional Internal/External, Support Max 1TB,Built in 4G Storage                                                                                                                                                     | Optional Internal/External, Support Max 1TB,Built in 4G Storage              |

## PRO Series

| Model NO.            | RL8R/RL8R-X5(IR Light)                                                                                                                                                                                              | RL8RC/RL8RC-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                                              |
| Minimun Illumination | Color: 0.005 Lux@(F1.6, AGC ON), 0 Lux with 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         | Optional                                                                                                                                                                                                            | Optional                                                                     |
| Focus Length         | 2.8mm/4mm/6mm/2.7-13.5mm Motorized Varifoca (F1.6) (According to the shell )                                                                                                                                        | 2.8mm/4mm/6mm/2.7-13.5mm Motorized Varifoca (F1.6) (According to the shell ) |
| Supplement Light     | IR LED                                                                                                                                                                                                              | Warm light LED, IR LED                                                       |
| 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@25fps                                                                                                                                                                                     | 1920*1080@30fps, 1280*720@25fps                                              |
| Sub Stream 1         | 1280*720@30fps, 720*480@30fps                                                                                                                                                                                       | 1280*720@30fps, 720*480@30fps                                                |
| Sub Stream 2         | 352*288@30fps                                                                                                                                                                                                       | 352*288@30fps                                                                |
| Tri Stream           | 1280*720@30fps, 720*480@30fps, 352*288@30fps                                                                                                                                                                        | 1280*720@30fps, 720*480@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 Detecion / Line Cross Detetion / Enter Area / Leave Area (Based on Human and Vehicle Detection),<br>Motion Detecion / Loiter Detecion / People Gather Detecion (Based on Human Detection), Face Detection |                                                                              |
| Day/Night            | Color/ B&W (IR-CUT )                                                                                                                                                                                                | Color/ B&W (IR-CUT )                                                         |
| Full Color           | N/A                                                                                                                                                                                                                 | Full Color                                                                   |
| BLC                  | Support                                                                                                                                                                                                             | Support                                                                      |
| WDR                  | 140dB                                                                                                                                                                                                               | 140dB                                                                        |
| 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                | Optional 1 Channel Input/Ouput                                                                                                                                                                                      | Optional 1 Channel Input/Ouput                                               |
| SD Card Slot         | Optional Internal/External, Support Max 1TB,Built in 4G Storage                                                                                                                                                     | Optional Internal/External, Support Max 1TB,Built in 4G Storage              |





TH2A



CPSB



BMSD



BPSC

## ECO Series

| Model NO.            | FC2R                                                            | FC4R                                                            | FC8R                                                            |
|----------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Image Sensor         | 1/3" Progressive Scan CMOS Sensor                               | 1/3" Progressive Scan CMOS Sensor                               | 1/2.7" Progressive Scan CMOS Sensor                             |
| Resolution           | 2MP 1080P                                                       | 4MP 2712(H)*1538 (V)                                            | 8MP 2960(H)*1666(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 shell )                   | 2.8mm/4mm/6mm(F1.6) (According to the shell )                   | 2.8mm/4mm/6mm(F1.6) (According to the shell )                   |
| 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        | 1920*1080@30fps                                                 | 2560*1440@25fps                                                 | 3840*2160@20fps/3200*1800@20fps                                 |
| Main Stream 2        | 1280*720@30fps                                                  | 1920*1080@25fps                                                 | 2880*1620@30fps                                                 |
| Main Stream 3        | /                                                               | 1280*720@25fps                                                  | 1920*1080@30fps/1280*720@30fps                                  |
| Sub Stream 1         | 720*480@30fps                                                   | 720*480@25fps                                                   | 720*480@20fps/720*480@30fps                                     |
| Sub Stream 2         | 640*360@30fps                                                   | 640*360@25fps                                                   | 352*288@20fps/352*288@30fps                                     |
| Sub Stream 3         | 352*288@30fps                                                   | 352*288@25fps                                                   | /                                                               |
| 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 Detetion, Motion Detection (Based on Human Detection) | Intrusion Detetion, Motion Detection (Based on Human Detection) | Intrusion Detetion, Motion Detection (Based on Human Detection) |
| Day/Night            | Color/ B&W (IR-CUT )                                            | Color/ B&W (IR-CUT )                                            | Color/ B&W (IR-CUT )                                            |
| BLC                  | 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 shell )  | 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                | /                                                               | /                                                               | /                                                               |
| SD Card Slot         | /                                                               | /                                                               | /                                                               |
| Storage Temperature  | -20°C ~ +60°C RH95% Max                                         | -20°C ~ +60°C RH95% Max                                         | -20°C ~ +60°C RH95% Max                                         |



# Dual-Lens Network Camera with 200° Panoramic View

Dual-Lens Stitching, Ultra-Wide 32:9 Aspect Ratio

4K

Ultra-high  
Definition

200°

Ultra-wide  
32 : 9

4MM F1.0  
Dual Lens



Sound &  
Light Alarm



Built-in MIC  
& Speaker



Smart AI  
Detection



Smart  
Hybrid Light



Smart IR

Full  
Color



SD Card &  
Cloud

|                           |                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Model NO.                 | CMLFKS8DP                                                                                                                                      |
| Image Sensor              | 1/1.8" SONY Starvis2 Back-illuminated CMOS sensor                                                                                              |
| Resolution                | 8MP 2704(H)*1540(V)*2                                                                                                                          |
| Compression               | H.264/H.264+/H.265/H.265+/MJPEG                                                                                                                |
| Minimum Illumination      | 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              | 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                     | Support ONVIF 19.12(Profile S/T)                                                                                                               |
| P2P                       | YES                                                                                                                                            |
| POE                       | Internal, Support IEEE 802.3af                                                                                                                 |
| Main Stream 1             | 5120*1440@30fps                                                                                                                                |
| Sub Stream 1              | 1920*540@30fps                                                                                                                                 |
| IE Brower                 | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari                                                                                       |
| Intelligent Analysis      | Intrusion Detetion, Loiter Detetion, People Gather Detecion, Motion detection (based on human detection),                                      |
|                           | Intrusion Detetion, Line Cross Detetion, Loiter Detetion, People Gather Detecion, Enter Area, Leave Area(based on human and vehicle Detection) |
| Day/Night                 | Color/ B&W (IR-CUT )                                                                                                                           |
| Full Color                | Support                                                                                                                                        |
| Defog Mode                | Support                                                                                                                                        |
| ROI                       | Support                                                                                                                                        |
| BLC                       | Support                                                                                                                                        |
| Recording Mode            | NVR/CMS/Web                                                                                                                                    |
| 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

AI PTZ | HD-IP PTZ | Mini IP PTZ



2MP/5MP



Smart Analytics



Cruise Scan



4X 10X 18X 36X  
Optical Zoom



IR Range  
45M-200M



Remote View

# Full Color AI PTZ

PT6A

18X

| Model NO.                | 18XIGC200WH                                                                           | 18XIGL500WH                         |
|--------------------------|---------------------------------------------------------------------------------------|-------------------------------------|
| Image Sensor             | 1/2.9" Progressive Scan CMOS Sensor                                                   | 1/2.8" Progressive Scan CMOS Sensor |
| Horizontal Resolution    | 2MP                                                                                   | 5MP                                 |
| Compression              | 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                                 |                                     |
| Rotation Speed           | Horizontal: 80°/S, Tilt: 40°/S                                                        |                                     |
| Rotation Range           | Horizontal: 0°~360°, Tilt: 0°~93°                                                     |                                     |
| Preset Points            | 255                                                                                   |                                     |
| Guard Tours              | 8 groups                                                                              |                                     |
| Guard Points             | Max.20 points                                                                         |                                     |
| Lens                     | 18X Optical Zoom, 5.35~96.3mm F1.8-F3.9                                               |                                     |
| Infrared LED             | ø 35x7PCS + 2PCS warm light LED                                                       |                                     |
| IR Range                 | 120m                                                                                  |                                     |
| Day-night mode           | AUTO                                                                                  |                                     |
| Network interface        | Built-in RJ45 network interface, Support 10M/100M IP DATA                             |                                     |
| Main Stream1             | 1920*1080@30fps                                                                       | 5MP(2592*1944)@20fps                |
| Main Stream2             | 1280*720@30fps                                                                        | 4MP(2560*1440)@25fps                |
| Intelligent Analysis     | 3D Human Tracking / Intrusion Detection / Motion Detection (Based on Human Detection) |                                     |
| Tracking Effective Range | 5~50M Speed: 3~12KM/h                                                                 |                                     |
| Day/Night                | Color/ B&W (IR-CUT )/Intelligent                                                      |                                     |
| Full Color               | Support                                                                               |                                     |
| Defog Mode               | Support                                                                               |                                     |
| ROI                      | Support                                                                               |                                     |
| BLC                      | Support                                                                               |                                     |
| WDR                      | 120dB (Not support in 5MP Resolution)                                                 |                                     |
| Audio                    | Two-way Audio                                                                         |                                     |
| SD Card Slot             | Support                                                                               |                                     |
| POE                      | Optional                                                                              |                                     |
| Weatherproof             | IP66                                                                                  |                                     |
| Operating Temperature    | Light on: -20~45°C, Light off: -20~55°C                                               |                                     |
| Power                    | DC12/2.1A(Device power consumption), DC12/3A(Power supply)                            |                                     |
| Lightning Protection     | Transient voltage 6000V                                                               |                                     |



## 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 / IntrusionDetection                    | 3D Human Tracking / IntrusionDetection                    | 3D Human Tracking / IntrusionDetection                    |
| 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                                                     | 120dB/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                    | Two-way Audio                                             | Two-way Audio                                             | Two-way Audio                                             |
| 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              |
| 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                               |



### PT7K

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XIGC200, 18XIGL500, 36XIGL500   |
| Rotation Speed | Horizontal: 80°/S, Tilt: 40°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | ø 35x6PCS + 2PCS Laser LED        |
| IR Range       | 150m                              |



| Model NO.                | 18XGC200                                                  | 18XGL500                                                  | 36XGL500                                                  |
|--------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| 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                                      |
| Main Stream3             | /                                                         | 1080P(1920*1080)@30fps                                    | 1080P(1920*1080)@30fps                                    |
| Main Stream4             | /                                                         | 720P(1280*720)@30fps                                      | 720P(1280*720)@30fps                                      |
| Intelligent Analysis     | IntrusionDetection                                        | IntrusionDetection                                        | IntrusionDetection                                        |
| 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                                                     | 120dB120dB(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                    | Two-way Audio                                             | Two-way Audio                                             | Two-way Audio                                             |
| SD Card Slot             | Support                                                   | Support                                                   | Support                                                   |



### PT5A

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XGC200, 18XGL500                |
| Rotation Speed | Horizontal: 30°/S, Tilt: 15°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | Φ 35 x 6PCS                       |
| IR Range       | 80m                               |



### PT6A

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XGC200, 18XGL500                |
| Rotation Speed | Horizontal: 30°/S, Tilt: 15°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | Φ 35x7PCS IR LEDS+2PCS Laser LED  |
| IR Range       | 80m                               |



### PT10G

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 18XGC200, 18XGL500, 36XGL500      |
| Rotation Speed | Horizontal: 80°/S, Tilt: 40°/S    |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93° |
| Infrared LED   | Φ 35 x 11 + 4PCS Laser LED        |
| IR Range       | 200m                              |

## Mini IP PTZ

| Model NO.                | 4XGC200 / 10XGC200                                                             | 4XGL500 / 10XGL500                                                             |
|--------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Image Sensor             | 1/2.9" Progressive Scan CMOS Sensor                                            | 1/2.8" Progressive Scan CMOS Sensor                                            |
| Horizontal Resolution    | 2MP                                                                            | 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                          |
| S/N Ratio                | 60db                                                                           | 60db                                                                           |
| Lens                     | 4X Optical Zoom(3.35-10.05mm F1.7-F3.0), 10X Optical Zoom(5.1-51mm F2.36-F2.4) | 4X Optical Zoom(3.35-10.05mm F1.7-F3.0), 10X Optical Zoom(5.1-51mm F2.36-F2.4) |
| 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                                                           |
| Main Stream2             | 1280*720@30fps                                                                 | 4MP(2560*1440)@25fps                                                           |
| Main Stream3             | /                                                                              | 1080P(1920*1080)@30fps                                                         |
| Main Stream4             | /                                                                              | 720P(1280*720)@30fps                                                           |
| Intelligent Analysis     | IntrusionDetection                                                             | IntrusionDetection                                                             |
| Tracking Effective Range | 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                                                |
| Defog Mode               | Support                                                                        | Support                                                                        |
| BLC                      | Support                                                                        | Support                                                                        |
| WDR                      | 120dB                                                                          | 120dB120dB(Not support in 5MP resolution)                                      |
| Motion Detection         | Support(Based on human movement only)                                          | Support(Based on human movement only)                                          |
| Audio                    | Two-way Audio                                                                  | Two-way Audio                                                                  |
| SD Card Slot             | Support                                                                        | Support                                                                        |



### PT3DK

|                |                                   |
|----------------|-----------------------------------|
| Solution       | 4XGC200, 4XGL500                  |
| Rotation Speed | Horizontal: 25°/S, Tilt: 15°/S    |
| Rotation Range | Horizontal: 0°~340°, Tilt: 0°~90° |
| Infrared LED   | ø 28x8PCS                         |
| IR Range       | 15m                               |



### PTDK

|                |                                      |
|----------------|--------------------------------------|
| Solution       | 4XGC200, 4XGL500, 10XGC200, 10XGL500 |
| Rotation Speed | Horizontal: 30°/S, Tilt: 15°/S       |
| Rotation Range | Horizontal: 0°~180°, Tilt: -45°~40°  |
| Infrared LED   | ø 35x6PCS                            |
| IR Range       | 60m                                  |

# Wi-Fi IP Cameras



Starlight



4MP



WDR



Internal POE



RS485



Audio I/O



Alarm I/O



SD Card Slot



FG200W / FG400W

- Board Lens 3.6mm /F1.6
- Water Resistance: IP67
- IR LED: 42μ x 2PCS, IR Range: 25M



LMBM36FW400W

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



LMCM36FW400W

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



# Analong Cameras

AHD / TVI / SDI: 2M / 5M / 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



LBCD



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                                                              |



## Value Series

| 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 | <div>CONCH</div> <div>    </div> <div> <div>CPSA</div> <div>TP1B</div> <div>CMSB</div> </div>                                                                                                                                         |
| Image Sensor          | 1/3.2" CMOS Sensor                                 | 1/3.2" 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 : 0.01 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                                                              | <div>   </div> <div> <div>CMSD</div> <div>LIRDCA</div> </div>                                                                                                                                                                                                                                                            |
| 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                                                                                                             | <div>BULLET</div> <div>   </div> <div> <div>BMSC</div> <div>BMSD</div> </div> <div>   </div> <div> <div>BPSC</div> <div>LBP90</div> </div> |
| OSD Menu              | YES                                                | YES                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| WDR                   | DWDR                                               | DWDR                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| UTC                   | YES                                                | YES                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Noise Reduction       | 3DNR                                               | 3DNR                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Coaxial Audio         | N/A                                                | 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%, 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                               |



## PT7K

|                |                                     |
|----------------|-------------------------------------|
| Solution       | 33HTC200NS                          |
| Rotation Speed | Horizontal: 120°/S, Tilt: 15°/S     |
| Rotation Range | Horizontal: 0°~360°, Tilt: 0°~93°   |
| Infrared LED   | Φ 42x6PCS IR LEDS + 2PCS Laser Lamp |
| IR Range       | 120m                                |



## PTDK

|                |                                     |
|----------------|-------------------------------------|
| Solution       | 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*





12M/4K  
Resolution



PO Network  
Interfaces



H265/H264  
H265+/H264+



SATA Interface  
Up to 10 TB



Audio  
Input/Output



Alarm  
Input/Output



Motion  
Detection



HD Output



RJ45 Ethernet  
Interface



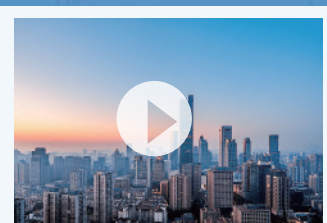
USB  
Interface



Playback  
Backup



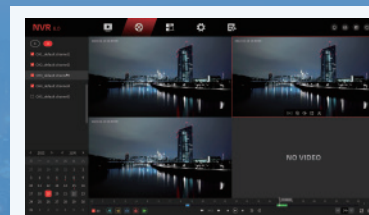
Cloud Support



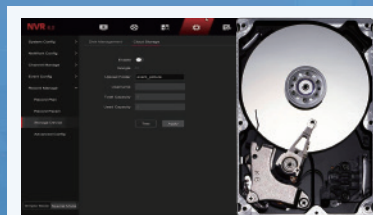
Live Preview



Playback



Camera Management

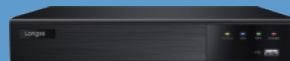


Hard Disk Management

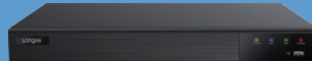
C  
Model



K1  
Model



K2  
Model



K4  
Model



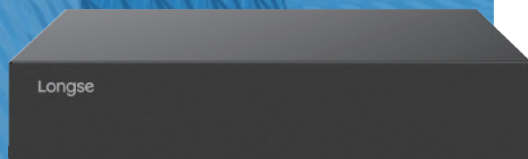
K8  
Model



# 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          | NA                                                                |
| Audio Output         | 1 Port RCA(Linear, 1kΩ)                                           |
| 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                                               |
| Digital Zoom         | YES                                                               |
| OSD                  | Camera Title, Time, Recording, Motion Detection, Event Alarm      |
| Video Compression    | H265/H264/H265+/H264+                                             |
| Resolution           | 12MP,8MP,6MP,5MP,4MP,3MP,1080P,960P,720P,D1                       |
| Decode Capability    | 1080P(1920x1080)@120fps                                           |
| Remote Sync Playback | YES                                                               |
| Backup Mode          | USB Device/Network                                                |
| Interface            | 1 x RJ45                                                          |
| Onvif                | Profile S, Profile T                                              |
| Bandwidth            | 72Mbps                                                            |
| 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 x 175 x 40mm                                                  |
| Weight               | 1.26kg(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                                   | G711U, G711A                                   | G711U, G711A                                   | G711U, G711A                                   |
| Intercom             | support (two-way)                              | support (two-way)                              | support (two-way)                              | support (two-way)                              |
| Alarm Sensor Input   | /                                              | /                                              | /                                              | /                                              |
| Alarm Output         | /                                              | /                                              | /                                              | /                                              |
| 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)            |
| Digital Zoom         | YES                                            | YES                                            | YES                                            | YES                                            |
| 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                                            |
| Smart Phone          | iPhone, Android                                | iPhone, Android                                | iPhone, Android                                | iPhone, Android                                |
| POE                  | 4 x Independent 100Mbps POE Network Interfaces | 8 x Independent 100Mbps POE Network Interfaces | 4 x Independent 100Mbps POE Network Interfaces | 8 x Independent 100Mbps POE Network 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)                                 |
| 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                            | G711U, G711A                            | G711U, G711A                            | G711U, G711A                            |
| Intercom             | support (two-way)                       | support (two-way)                       | support (two-way)                       | support (two-way)                       |
| Alarm Sensor Input   | /                                       | /                                       | /                                       | /                                       |
| Alarm Output         | /                                       | /                                       | /                                       | /                                       |
| 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)     |
| Digital Zoom         | YES                                     | YES                                     | YES                                     | YES                                     |
| 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                                     |
| Smart Phone          | iPhone, Android                         | iPhone, Android                         | iPhone, Android                         | iPhone, Android                         |
| POE                  | /                                       | /                                       | /                                       | /                                       |
| 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         | DC12V/2A ≤ 10W (Without Hard Disk)      | DC12V/2A ≤ 10W (Without Hard Disk)      | DC12V/2A ≤ 10W (Without Hard Disk)      | DC12V/2A ≤ 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)                          |
| Weight               | 0.68kg(without HDD)                     | 0.68kg(without HDD)                     | 0.85kg(without HDD)                     | 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                                        |
| Compression Standard | G711U, G711A, AAC                             | G711U, G711A, AAC                             | G711U, G711A, AAC                             | G711U, G711A, AAC                             |
| 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)            |
| Digital Zoom         | YES                                           | YES                                           | YES                                           | YES                                           |
| 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      | 12M,8M,6M,5MP,4MP,3MP,1080P,960P,720P,D1      | 12M,8M,6M,5MP,4MP,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                                       | 320Mbps                                       | 320Mbps                                       |
| Cloud Support        | Yes                                           | Yes                                           | Yes                                           | Yes                                           |
| Smart Phone          | iPhone, Android                               | iPhone, Android                               | iPhone, Android                               | iPhone, Android                               |
| POE                  | /                                             | 16xIndependent 100Mbps POE Network Interfaces | /                                             | 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)                           |

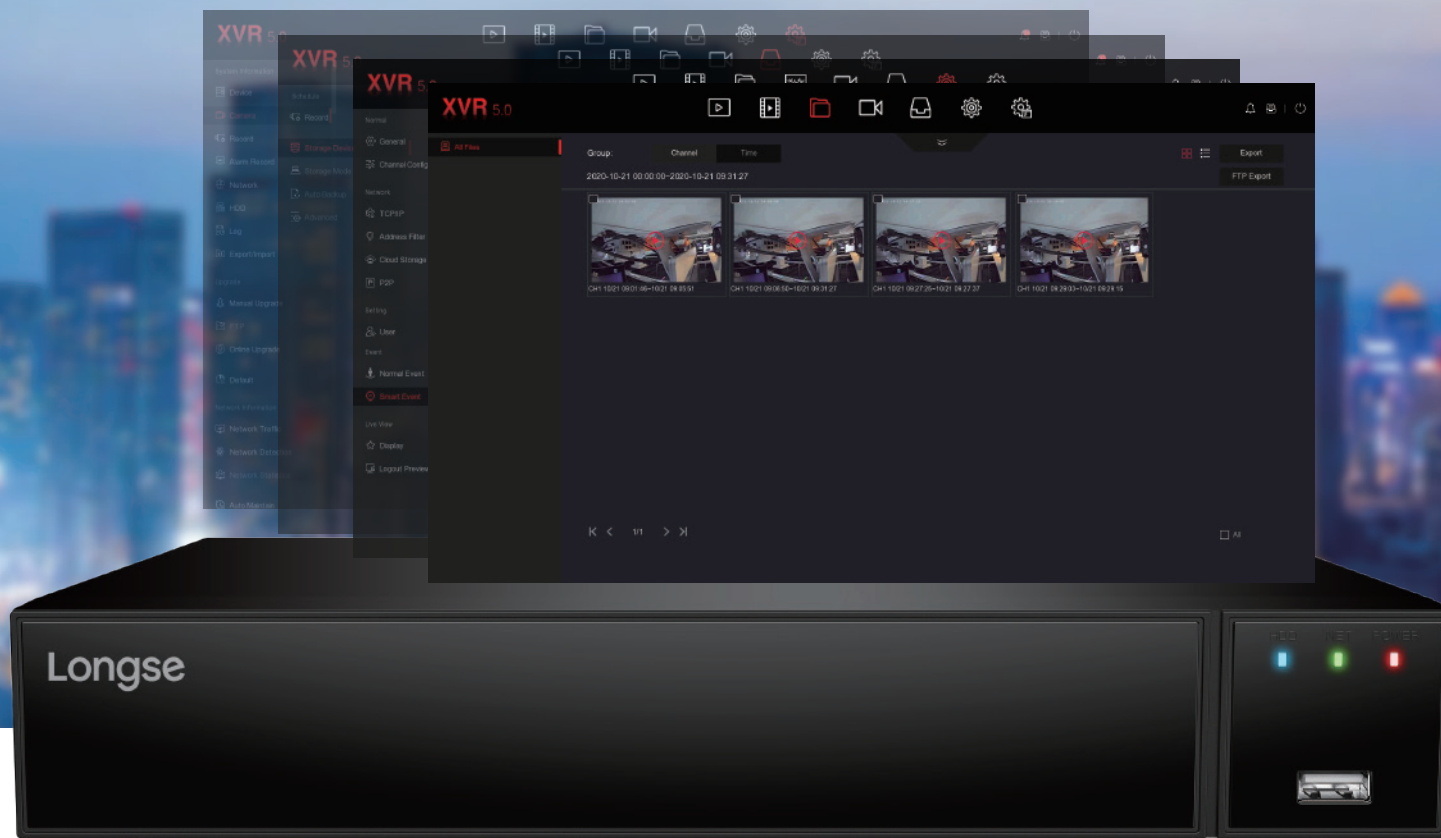


## Value Series

| Model NO.            | NVR3332K4P24                                         | NVR3332K8P16                                         | NVR3664K8P16                                         |
|----------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Main Processor       | Quad Cortex A53                                      | Quad Cortex A53                                      | Quad Cortex A53                                      |
| Operating System     | Embedded LINUX                                       | Embedded LINUX                                       | Embedded LINUX                                       |
| Video Input          | 32CH                                                 | 32CH                                                 | 64CH                                                 |
| Video Output         | 1 VGA, 1 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                                               |
| Compression Standard | G711u, G711a, ADPCM_DVI4                             | G711u, G711a, ADPCM_DVI4                             | G711u, G711a, ADPCM_DVI4                             |
| 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)                   | 64Channel, MD Zones: 396 (22 × 18)                   |
| Digital Zoom         | YES                                                  | YES                                                  | YES                                                  |
| 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     | 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            | 320Mbps                                              | 320Mbps                                              | 640Mbps                                              |
| Cloud Support        | Yes                                                  | Yes                                                  | Yes                                                  |
| Smart Phone          | iPhone, Android                                      | iPhone, Android                                      | iPhone, Android                                      |
| POE                  | 24 x Independent 100Mbps POE Network Interfaces      | 16 x Independent 100Mbps POE Network Interfaces      | 16 x Independent 100Mbps POE Network Interfaces      |
| Storage              | 4 x Max 10TB                                         | 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    | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0    | 2 x USB2.0, Rear panel: 1 x 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 × 372mm × 69mm                                 | 440mm × 428mm × 90mm                                 |
| Weight               | 4.73kg (without HDD)                                 | 7.63kg(without HDD)                                  | 7.63kg(without HDD)                                  |

| Model NO.            | NVR3332K4                                            | NVR3332K8                                            | NVR3664K8                                            |
|----------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Main Processor       | Quad Cortex A53                                      | Quad Cortex A53                                      | Quad Cortex A53                                      |
| Operating System     | Embedded LINUX                                       | Embedded LINUX                                       | Embedded LINUX                                       |
| Video Input          | 32CH                                                 | 32CH                                                 | 64CH                                                 |
| Video Output         | 1 VGA, 1 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                                               |
| Compression Standard | G711u, G711a, ADPCM_DVI4                             | G711u, G711a, ADPCM_DVI4                             | G711u, G711a, ADPCM_DVI4                             |
| 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)                   | 64Channel, MD Zones: 396 (22 × 18)                   |
| Digital Zoom         | YES                                                  | YES                                                  | YES                                                  |
| 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     | 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            | 320Mbps                                              | 320Mbps                                              | 640Mbps                                              |
| Cloud Support        | Yes                                                  | Yes                                                  | Yes                                                  |
| Smart Phone          | iPhone, Android                                      | iPhone, Android                                      | iPhone, Android                                      |
| POE                  | /                                                    | /                                                    | /                                                    |
| Storage              | 4 x Max 10TB                                         | 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    | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0    | 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 × 372mm × 69mm                                 | 440mm × 428mm × 90mm                                 |
| Weight               | 4.38kg (without HDD)                                 | 7.32kg (without HDD)                                 | 7.32kg (without HDD)                                 |

# XVR 6.0







8M/5M/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



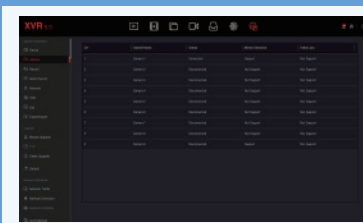
RS485



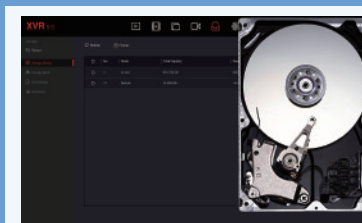
Live Preview



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)                              |

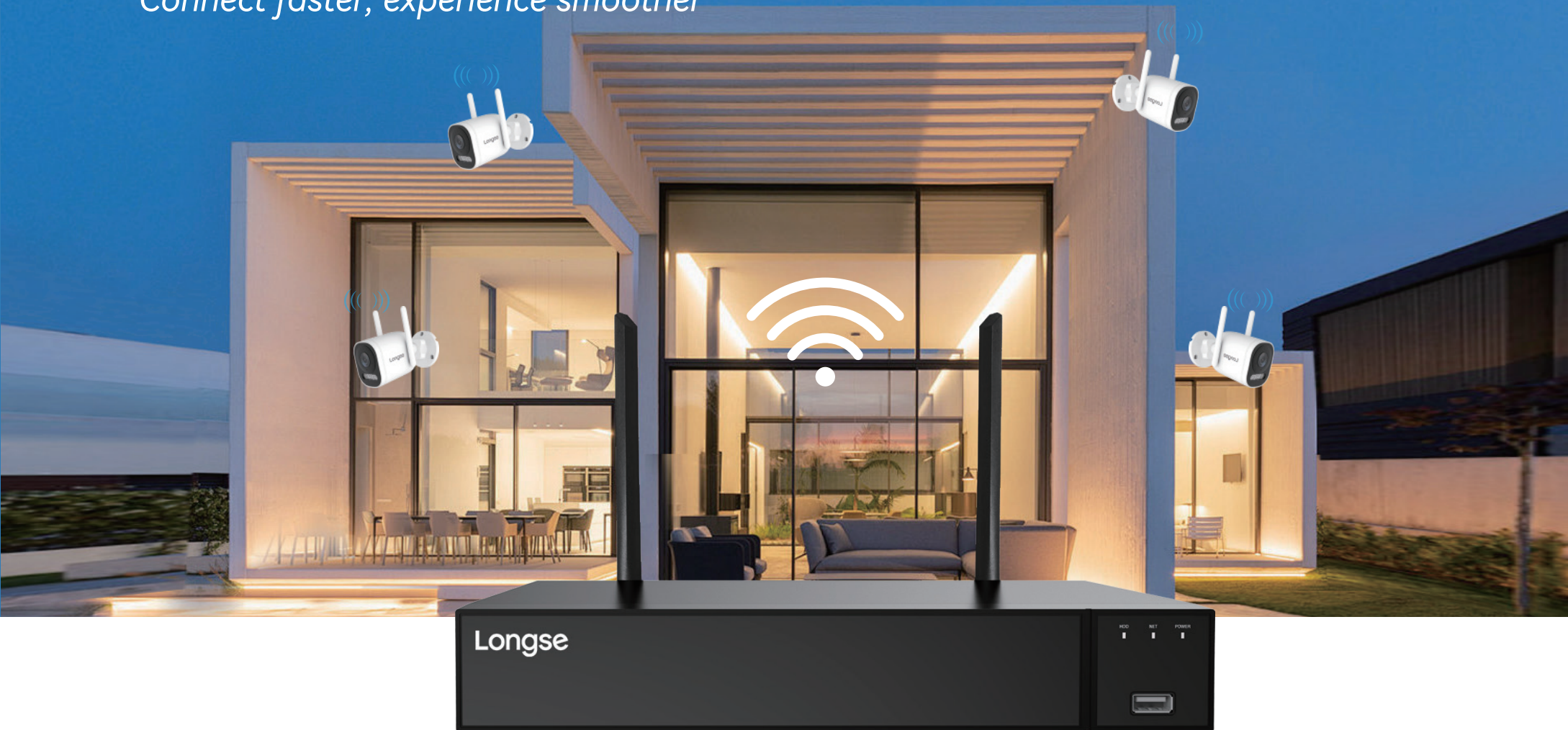


## Value Series

| 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)                             |

# Wire-Free Security Systems

*Connect faster, experience smoother*







### WiFi Range

No Obstacles 400m Max



### Human Detection

Intrusion / Line Crossing / Wandering / People Gathering Detection



### Vehicle Detection

Intrusion Detection / Line Crossing Detection



### H.265+

The realized code stream is 50% less than the standard H.265, thereby reducing network bandwidth, saving hard disk space, and greatly saving user costs.



### Sound and Light Warning

Red & blue flashing light and sound alarm



### Local & Cloud Storage

Up to 8TB 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



## Package

| Model NO.  | LW2MC84B2                          | LW5MC84B2                          |
|------------|------------------------------------|------------------------------------|
| NVR        | 1x LW08C                           | 1x LW08C                           |
| Camera     | 4 x LW2B2                          | 4 x LW5B2                          |
| WIFI Range | No Obstacles 400m Max              | No Obstacles 400m Max              |
| Cable      | 1 x 1m Net Cable                   | 1 x 1m Net Cable                   |
| Mouse      | 1xUSB 2.0 Mouse                    | 1xUSB 2.0 Mouse                    |
| Adaptor    | 1xDC12V2A for NVR, 4x12V1A for IPC | 1xDC12V2A for NVR, 4x12V1A for IPC |
| Weight     | 3145g                              | 3145g                              |



## Camera

| Model NO.             | LW2B2 / LW5B2                                                                 |
|-----------------------|-------------------------------------------------------------------------------|
| Resolution            | 2MP/ 5MP                                                                      |
| Intelligent Detection | Human & Vehicle Detection                                                     |
| Infrared/White LED    | 14μx12PCS+30μx2PCS White light+1PCS Red warning light+1PCS Blue warning light |
| Infrared Distance     | 25M                                                                           |
| Fill Light Mode       | Infrared / Full color / Smart                                                 |
| Lens                  | 2.8mm F2.0                                                                    |
| Audio                 | Built-in microphone / Speaker                                                 |
| Housing               | Plastics IP65                                                                 |
| Dimension             | 151.9*79.8*79(mm)                                                             |

## NVR

| Model NO.             | LW08C                                                                      |
|-----------------------|----------------------------------------------------------------------------|
| Video Input           | 8CH (8MP/5MP/4MP/3MP/2MP/960P/720P/D1)                                     |
| Video Output          | 1xHD Output/ 1xVGA Output                                                  |
| Motion Detection      | 8 Channel, MD Zones: 396 (22 × 18)                                         |
| Intelligent Detection | Human & Vehicle Detection                                                  |
| Display Split         | 1CH/4CH/8CH/9CH                                                            |
| Recording Resolution  | 8MP/5MP/4MP/3MP/1080P/960P/720P/D1                                         |
| Local Sync Playback   | 2CH 8MP@15fps, 4CH 5MP@15fps, 4CH 4MP@15fps, 4CH 3M@15fps, 4CH 1080P@15fps |
| Decode Capability     | 1080P@120fps                                                               |
| Interface             | 1xRJ45, 2xUSB 2.0 Interfaces                                               |
| Storage               | 1 SATA Hard Disk Interface (2.5"/3.5" SATA), Up to 8TB capacity            |
| Dimension(W×D×H)      | 260*215*46(mm)                                                             |



## Package

| Model NO.  | LW2MC84B1                          | LW5MC84B1                          | LW8MC84B1                          |
|------------|------------------------------------|------------------------------------|------------------------------------|
| NVR        | 1x LW08C                           | 1x LW08C                           | 1x LW08C                           |
| Camera     | 4 x LW2B1                          | 4 x LW5B1                          | 4 x LW8B1                          |
| WIFI Range | No Obstacles 400m Max              | No Obstacles 400m Max              | No Obstacles 400m Max              |
| Cable      | 1 x 1m Net Cable                   | 1 x 1m Net Cable                   | 1 x 1m Net Cable                   |
| Mouse      | 1xUSB 2.0 Mouse                    | 1xUSB 2.0 Mouse                    | 1xUSB 2.0 Mouse                    |
| Adaptor    | 1xDC12V2A for NVR, 4x12V1A for IPC | 1xDC12V2A for NVR, 4x12V1A for IPC | 1xDC12V2A for NVR, 4x12V1A for IPC |
| Weight     | 3860g                              | 3860g                              | 3145g                              |



## Camera

| Model NO.             | LW2B1 / LW5B1/ LW8B1          |
|-----------------------|-------------------------------|
| Resolution            | 2MP / 5MP / 8MP               |
| Intelligent Detection | Human & Vehicle Detection     |
| Infrared/White LED    | 2PCS IR light & White light   |
| Infrared Distance     | 30M                           |
| Fill Light Mode       | Infrared / Full color / Smart |
| Lens                  | 2.8mm F2.0                    |
| Audio                 | Built-in microphone           |
| Housing               | Metal IP67                    |
| Dimension             | 169.5*70*67.5(mm)             |

## NVR



| Model NO.             | LW08C                                                                      |
|-----------------------|----------------------------------------------------------------------------|
| Video Input           | 8CH (8MP/5MP/4MP/3MP/2MP/960P/720P/D1)                                     |
| Video Output          | 1xHD Output/ 1xVGA Output                                                  |
| Motion Detection      | 8 Channel, MD Zones: 396 (22 × 18)                                         |
| Intelligent Detection | Human & Vehicle Detection                                                  |
| Display Split         | 1CH/4CH/8CH/9CH                                                            |
| Recording Resolution  | 8MP/5MP/4MP/3MP/1080P/960P/720P/D1                                         |
| Local Sync Playback   | 2CH 8MP@15fps, 4CH 5MP@15fps, 4CH 4MP@15fps, 4CH 3M@15fps, 4CH 1080P@15fps |
| Decode Capability     | 1080P@120fps                                                               |
| Interface             | 1xRJ45, 2xUSB 2.0 Interfaces                                               |
| Storage               | 1 SATA Hard Disk Interface (2.5"/3.5" SATA), Up to 8TB capacity            |
| Dimension(W×D×H)      | 260*215*46(mm)                                                             |

# IPC Security Systems

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

4CH

8CH

8MP







### POE

Plug and play, network cable power supply



### Human Detection

Intrusion / Line Crossing / Wandering / People Gathering Detection



### Vehicle Detection

Intrusion Detection / Line Crossing Detection



### Pet Detection

Intelligent detection of cats and dogs



### Sound and Light Warning

Red & blue flashing light and sound alarm



### Local & Cloud Storage

Up to 8TB capacity, Cloud Support(P2P)



### 24/7 Full Color

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



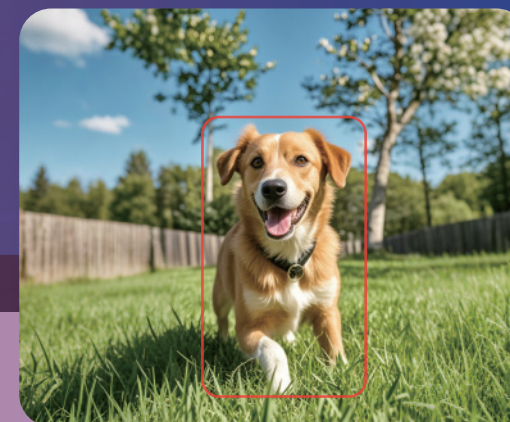
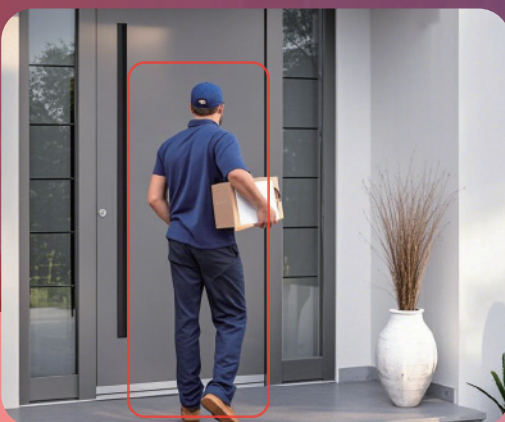
### Alarm I/O

Intelligent alarm when there is abnormal situation.



### Two-way Audio

Built-in microphone /speaker



## Package



| Model NO.         | LP8ME84B1                                                | LP8ME88B1                                                | LP8MEF8B1                                                |
|-------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| NVR               | 1 x NP08E                                                | 1 x NP08E                                                | 1 x NP16E                                                |
| Camera            | 4 x CP8B1                                                | 8 x CP8B1                                                | 8 x CP8B1                                                |
| Mouse             | 1 x USB Mouse                                            | 1 x USB Mouse                                            | 1 x USB Mouse                                            |
| Cable             | 1x2m HDMI Cable, 1x1m Network Cable, 4x18m Network Cable | 1x2m HDMI Cable, 1x1m Network Cable, 8x18m Network Cable | 1x2m HDMI Cable, 1x1m Network Cable, 8x18m Network Cable |
| Hard disk         | Optional                                                 | Optional                                                 | Optional                                                 |
| Adaptor           | 1 x DC48V2A Adaptor                                      | 1 x DC48V2A Adaptor                                      | 1 x DC48V2A Adaptor                                      |
| Weight of Package | 6.71kg                                                   | 10.45kg                                                  | 12.44kg                                                  |

## Camera



| Model NO.             | CP8B1                                 | CP8D1                                 |
|-----------------------|---------------------------------------|---------------------------------------|
| Resolution            | 8MP 3840x2160@20fps                   | 8MP 3840x2160@20fps                   |
| Intelligent Detection | Motion, Human&Vehicle & Pet Detection | Motion, Human&Vehicle & Pet Detection |
| Infrared/White LED    | 2PCS IR light & White light           | 2PCS IR light & White light           |
| Infrared Distance     | 30M                                   | 30M                                   |
| Fill Light Mode       | Infrared / Full color / Smart         | Infrared / Full color / Smart         |
| Lens                  | 4mm or 2.8mm optional Fixed(F=1.6)    | 4mm or 2.8mm optional Fixed(F=1.6)    |
| Audio                 | Built-in MIC / Built-in Speaker       | Built-in MIC / Built-in Speaker       |
| Housing               | Metal, IP67                           | Metal, IP67                           |
| Dimension             | 73×73×167mm                           | Ø90.4×83.6mm                          |

\*Full color night vision \*Sound and light alarm (red and blue lights) \*Two-way Audio

## NVR



| Model NO.            | NP08E          | NP16E          |
|----------------------|----------------|----------------|
| Input Channel        | 8CH POE        | 16CH POE       |
| Output Interface     | 1xHDMI & 1xVGA | 1xHDMI & 1xVGA |
| Compression Method   | Smart H.265    | Smart H.265    |
| Recording Resolution | ≤8MP           | ≤8MP           |
| Storage              | 1*Max 8TB HDD  | 2*Max 10TB HDD |



## Package



| Model NO.         | LP8ME84D1                                                | LP8ME88D1                                                | LP8MEF8D1                                                |
|-------------------|----------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|
| NVR               | 1 x NP08E                                                | 1 x NP08E                                                | 1 x NP16E                                                |
| Camera            | 4 x CP8D1                                                | 8 x CP8D1                                                | 8 x CP8D1                                                |
| Mouse             | 1 x USB Mouse                                            | 1 x USB Mouse                                            | 1 x USB Mouse                                            |
| Cable             | 1x2m HDMI Cable, 1x1m Network Cable, 4x18m Network Cable | 1x2m HDMI Cable, 1x1m Network Cable, 8x18m Network Cable | 1x2m HDMI Cable, 1x1m Network Cable, 8x18m Network Cable |
| Hard disk         | Optional                                                 | Optional                                                 | Optional                                                 |
| Adaptor           | 1 x DC48V2A Adaptor                                      | 1 x DC48V2A Adaptor                                      | 1 x DC48V2A Adaptor                                      |
| Weight of Package | 6.11kg                                                   | 8.45kg                                                   | 11.2kg                                                   |

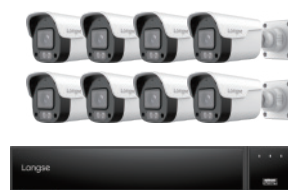




# Full Color XVR Kits

*DIY XVR Kits According to Your Needs*

*5MP/8MP Support Audio Over Coaxial*



2MP

5MP

8MP

4CH

8CH



# 4CH/8CH XVR Kits

Optional Cameras

2MP/5M/4K



18m Coaxial Cable DC12V2A Adaptor DC12V5A Adaptor Power Splitter Cable



## CMSD

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



## BPSC

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



## TP1B

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



SATA



USB



RJ-45



Audio



Alarm



CVBS

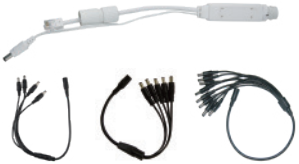


RS485



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>○ 42mμ IR LEDS</li> </ul>  | <p><b>Connector</b></p>                                                                                                                                | <p><b>Video Balun</b></p>                                                                                                      | <p><b>HD Video Coverter</b></p>                                                                                                                          |

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





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