



Longse

**SMB
SOLUTIONS
EXPERT**

OEM/ODM
ONE-STOP SERVICE

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

2026
PRODUCTS GUIDE



Longse

ABOUT US

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

Mission

Become a first-class
national and world-class
enterprise

Value

Dedication, Integrity,
Innovation, Excellence

Vision

More Secure,
More Intelligent



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IP Security Cameras

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



AI ISP

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



Human Detection

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



Vehicle Detection

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



Smart Hybrid Light

Support IR mode, warm light mode and smart mode



Sound and Light Warning

Red & blue flashing light and sound alarm



Auto Focus

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



POE

Plug and play, network cable power supply.



Alarm I/O

Intelligent alarm when there is abnormal situation.



Audio I/O

Real-time intercom, recording audio.

DWDR/WDR/HDR

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



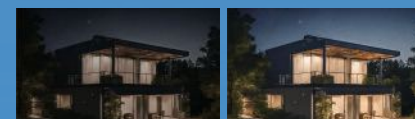
24/7 Full Color

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



Starlight

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



Defog/Demist

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



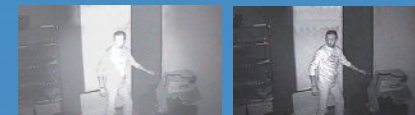
3D NR

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



Smart IR

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



5MP/8MP

Active Deterrence Cameras

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



Sound and
Light Warning



Human Shape
Detection



Vehicle
Detection



Red & Blue
Flashing Lights



24/7 Full Color



Two Way Audio



Support WDR

POE

Internal POE

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

Smart License Plate Recognition System

Recognition Speed
20km/h

Storage Capacity
5000

HH EF5689

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

Countries
30+



1/1.8" Sensor



3.2 TOPS
AI compute



F1.4 AF lens
4.38-9.33mm



4MP@60fps



IR + Warm
Light



Red - Blue
Alarm Light



Built-in MIC
& Speaker



External
SD Card

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

AI ISP Full Color

Capture Clear Color Details Even In Near Darkness



Face Detection
& Recognition



License Plate
Detection



Illegal Parking
Detection



Cross Counting



Object Left Behind



Object Removal



Wandering
Detection



People Gathering
Detection



Intrusion Detection



Line Crossing
Detection



Enter Area



Leave Area



AI ISP Camera

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

VALUE SERIES

Exceptionally Good Value

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

2MP

5MP

8MP



CMSB



CMSC



CMSE



CMLE



TH2A



LIRDC



DMSA



DMMA



BMSC



BMSD



BMMB



BMMC



BMMD



24/7 Full Color Smart Hybrid Light

Support IR mode, warm light mode and smart mode.



Hybrid Light
(IR+Warm Light)



Human
Detection



Vehicle
Detection



24/7
Full Color



Built in Mic

4K

Every Detail Comes Alive



Value Series

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

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

Value Series

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

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

Value Series

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

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

Value Series

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

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

Value Series

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

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

Value Series

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

PRO SERIES

Professional-grade Network Cameras

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



CMSC



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BMMD



BMME



BMLD

PRO Series

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

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

Cost-Effective Surveillance Solution

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



TP2C



TH2A



BMSD



BPSC

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



8MP/16MP

Dual-lens Panoramic Cameras

Seamless Stitching with 200° Ultra-Wide angle



Ultra-high
Definition



Ultra-wide
32 : 9



4MM F1.0
Dual Lens



(Red&Blue Light)
Sound &
Light Alarm



Built-in MIC
& Speaker



Smart AI
Detection



Smart
Hybrid Light



Seamless
Stitching



Full Color
Night Vision



SD Card &
Cloud

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

2MP/5MP

IP PTZ Series



2MP/5MP



Smart Analytics



Cruise Scan



4X 18X 36X
Optical Zoom



IR Range
15M-200M



Remote View

Model NO.	18XIGC200WH	18XIGL500WH	KP5RCPTZ-X18
Image Sensor	1/2.9" Progressive Scan CMOS Sensor	1/2.8" Progressive Scan CMOS Sensor	1/2.8" Progressive Scan CMOS Sensor
Horizontal Resolution	2MP	5MP	5MP
Compression	H.264/H.265	H.264/H.265/H.264+/H.265+	H.264/H.265/H.264+/H.265+
Minimum Illumination	Color: 0.008 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR		Color: 0.005Lux @ (F1.6, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR
Rotation Speed	Horizontal: 80°/S, Tilt: 40°/S		Horizontal: 60°/S, Tilt: 40°/S
Rotation Range	Horizontal: 0°~360°, Tilt: 0°~93°		Horizontal: 0°~360°, Tilt: 0°~93°
Lens	18X Optical Zoom, 5.35-96.3mm F1.8-F3.9		18X Optical Zoom, 5.35-96.3mm F1.8-F3.9
Infrared LED	ø 35x7PCS + 2PCS warm light LED		ø 35x7PCS + 2PCS warm light LED
IR Range	120m (Warm Light: 60m)		100m (warm light: 60m)
Day-night mode	AUTO		AUTO
Network interface	Built-in RJ45 network interface, Support 10M/100M IP DATA		Built-in RJ45 network interface, support 10M/100M IP DATA
Main Stream1	1920*1080@30fps	5MP(2592*1944)@20fps	2592*1944@30fps
Main Stream2	1280*720@30fps	4MP(2560*1440)@25fps	2560*1440@30fps
Main Stream3			1920*1080@30fps, 1280*720@30fps
Main Stream4			1280*720@30fps
Sub Stream1			1280*720@30fps
Sub Stream2			720*480@30fps
Intelligent Analysis	3D Human Tracking / Intrusion Detection / Motion Detection (Based on Human Detection)		3D Human Tracking, Loitering Detection/People Gathering Detection, Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection
Day/Night	Color/ B&W (IR-CUT)/Intelligent		Color/ B&W (IR-CUT)/Intelligent
Full Color	Support		Support
Defog Mode	Support		N/A
ROI	Support		Support
BLC	Support		Support
WDR	DWDR	120dB (Not support in 5MP Resolution)	120dB
Audio	Built-in Mic & Speaker		Built-in Mic & Speaker
SD Card Slot	Support		Support
POE	Optional		Optional
Weatherproof	IP66		IP65
Operating Temperature	Light on: -20~45°C, Light off: -20~55°C		Light on: -30~50°C, Light off: -30~55°C
Power	DC12/2.1A(Device power consumption), DC12/3A(Power supply)		DC12/1.1A(Device power consumption), DC12/3A(Power supply)
Lightning Protection	Transient voltage 6000V		Transient voltage 4000V

AI Tracking PTZ

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



PT4A

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



PT5A

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

NEW

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



PT7K

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



PT3DK

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



PTDK

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

Wi-Fi 6 IP Cameras



Wifi 6



4MP



WDR



Internal POE



RS485



Audio I/O



Alarm I/O



SD Card Slot



HFG200W / FG400W

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



LMBM36FW400W

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



LMCM36FW400W

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

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

Analog Cameras

2MP / 5MP / 4K



CMSB



CMSC



CMSE



CMSD



CPSB



CPSA



CMSA



LIRDLA



LIRDM



CMLE



LMDH



LVBDH



LMDN



LCDNK20



BMSC



BMSD



BPSC



BMSF



BMMB



LBE90



LBB90



LBP90



LMCM25



LMCM30



LMBM25



LMBM30



LBKD



TH2A



TP1B



BM5D



BPSG

Value Series

Model NO.	200FPERC (Smart Hybrid Light)	500FKERC (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; CVI: 4M@30fps/25fps, 2M@30fps/25fps; 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 200FW(Full Color)	200FPE 200FPEW(Full Color)	200ESH / 2005XESH 200ESHW(Full Color)
Video Output Mode	AHD/TVI/CVI: 2M@30fps/25fps CVBS	AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; CVI: 4M@30fps/25fps, 2M@30fps/25fps,CVBS	AHD/TVI: 5M@20fps/12.5fps, 4M@30fps, 2M@30fps CVI: 4M@30fps, 2M@30fps,CVBS
Image Sensor	1/3" CMOS Sensor	1/3" CMOS Sensor	1/2.8" SONY Starvis Back-illuminated CMOS Sensor
Image Resolution	2M:1920*1080	5M:2592*1944 4M:2560*1440 2M:1920*1080	5M:2592*1944 4M:2560*1440 2M:1920*1080
TV System	PAL/NTSC	PAL/NTSC	PAL/NTSC
Electronic Shutter	Auto	Auto	Auto
Minimun Illumination	Color : 0.01 lux@F2.0, AGC ON; B/W : 0 lux with IR	Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR	Color : 0.001 lux@F1.6, AGC ON; B/W : 0 lux with IR
Scanning System	Progressive Scan	Progressive Scan	Progressive Scan
IR Cut Filter	YES	YES	YES
IR Status	AGC auto control	AGC auto control	AGC auto control
Starlight	/	/	YES
Day/Night	YES/NO	YES/NO	YES/NO
OSD Menu	YES	YES	YES
WDR	DWDR	DWDR	120dB
UTC	YES	YES	YES
Noise Reduction	3DNR	DNR	AI-DNR
Coaxial Audio	/	YES (only TVI)	/
White Balance	AUTO / MANUAL	AUTO / MANUAL	AUTO / MANUAL
Gain Control	AUTO	AUTO	AUTO
Operation Temperature	-10°C ~ +60°C RH95% Max	-10°C ~ +60°C RH95% Max	-10°C ~ +60°C RH95% Max
Storage Temperature	-20°C ~ +60°C RH95% Max	-20°C ~ +60°C RH95% Max	-20°C ~ +60°C RH95% Max
Power Source	DC12V±10%, 550mA	DC12V±10%, 550mA	DC12V±10%, 550mA

Model NO.	500FKE 500FKEW(Full Color)	500ESL / 5005XESL 500ESLW / 5005XESLW(Full Color)	800ES / 8004XES 800ESW / 8004XESW(Full Color)
Video Output Mode	AHD: 8M@15fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps, CVBS	AHD: 8M@15fps, 5M@20fps/12.5fps, 4M/2M@30fps/25fps CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps TVI: 8M@15fps/12.5fps, 5M@20fps/12.5fps, 4M/2M@30fps/25fps CVBS	AHD/TVI/CVI: 8M@15fps/12.5fps, 4M/2M@30fps/25fps 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 200FW(Full Color)	5MP 500FPE 500FPEW(Full Color)	
Video Output Mode	AHD/TVI/CVI: 2M@30fps/25fps; CVBS	AHD/TVI: 5M@20fps/12.5fps, 4M@30fps/25fps/15fps, 2M@30fps/25fps; CVI: 4M@30fps/25fps, 2M@30fps/25fps;CVBS	CONCH
Image Sensor	1/3.2" CMOS Sensor	1/3.2" CMOS Sensor	 TP1B  CMSD
Image Resolution	2M:1920*1080	5M:2592*1944 4M:2560*1440 2M:1920*1080	
TV System	PAL/NTSC	PAL/NTSC	BULLET
Electronic Shutter	Auto	Auto	
Minimun Illumination	Color : 0.01 lux@F2.0, AGC ON; B/W : 0 lux with IR	Color : 0.03 lux@F2.0, AGC ON; B/W : 0 lux with IR	
Scanning System	Progressive Scan	Progressive Scan	
IR Cut Filter	YES	YES	
IR Status	AGC auto control	AGC auto control	
Starlight	N/A	N/A	
Day/Night	YES	YES	
OSD Menu	YES	YES	
WDR	DWDR	DWDR	
UTC	YES	YES	 BMSC  BMSD
Noise Reduction	3DNR	3DNR	
Coaxial Audio	N/A	N/A	 BPSC
White Balance	AUTO / MANUAL	AUTO / MANUAL	
Gain Control	AUTO	AUTO	
Operation Temperature	-10°C ~ +60°C RH95% Max	-10°C ~ +60°C RH95% Max	
Storage Temperature	-20°C ~ +60°C RH95% Max	-20°C ~ +60°C RH95% Max	
Power Source	DC12V±10%, 500mA	DC12V±10%, 500mA	

HD PTZ



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



PT5A

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



PTDA

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



PTDK

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

NVR 6.0

Interface upgrades, Easy to use





16MP/12MP
Resolution



POE Network
Interfaces



H265/H264
H265+/H264+



SATA Interface
Up to 10 TB



Audio
Input/Output



Alarm
Input/Output



AI Function
Human/Vehicle



HD Output



RJ45 Ethernet
Interface



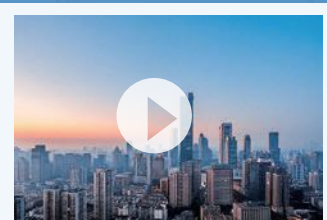
USB
Interface



Playback
Backup



Cloud Support



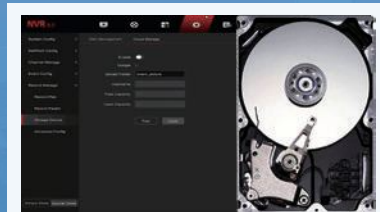
Live Preview



Playback

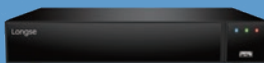


Camera Management

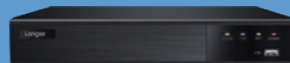


Hard Disk Management

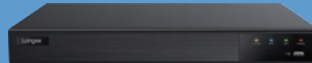
C
Model



K1
Model



K2
Model



K4
Model



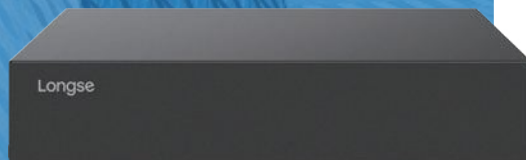
K8
Model



ECO Series

9CH NVR
8CH POE

S
Model



ECO Series

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

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

Value Series

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

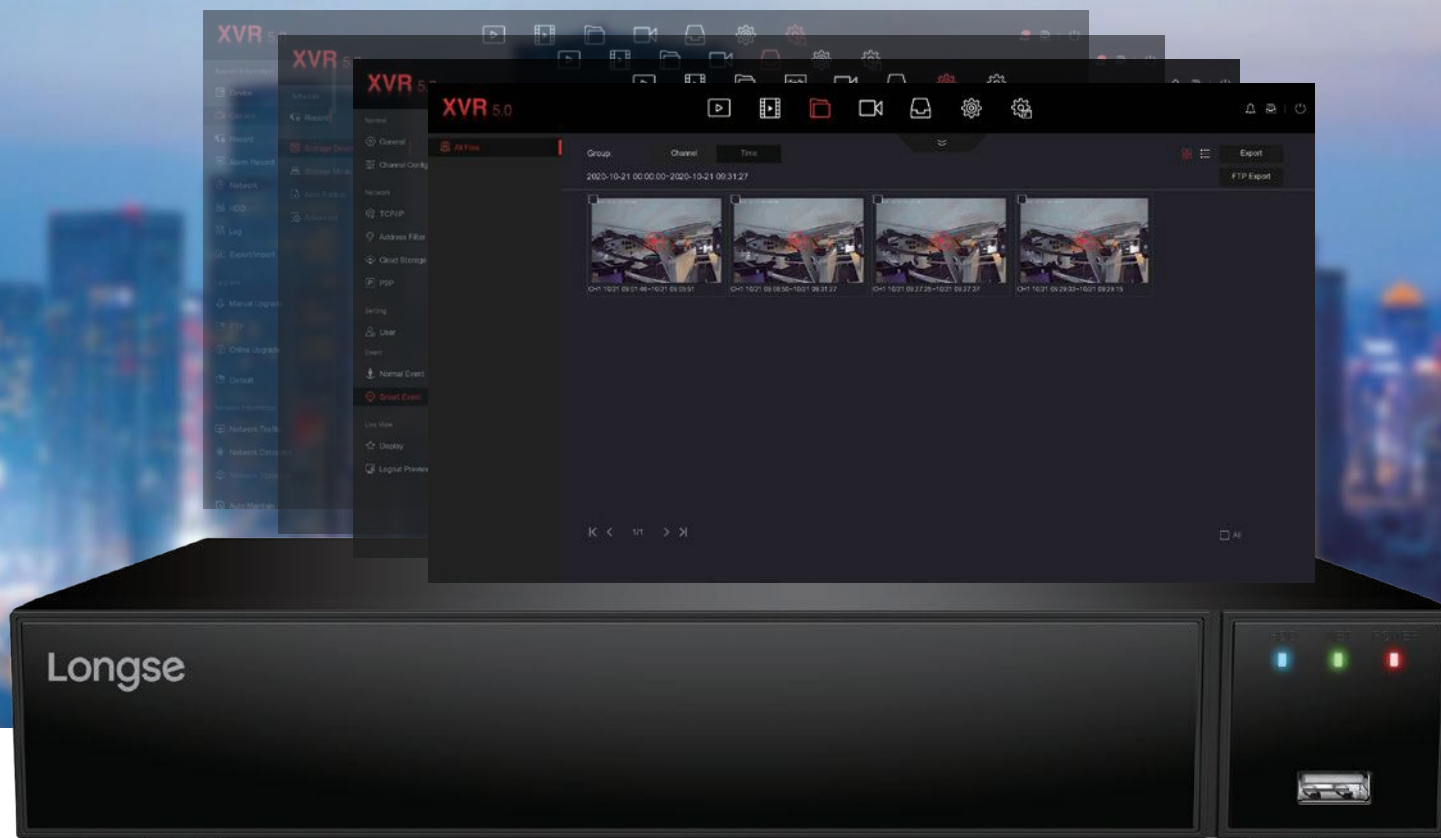
Model NO.	NVR3216K2	NVR3216K2P16	NVR3332K2	NVR3332K2P16
Main Processor	Quad Cortex A53	Quad Cortex A53	Quad Cortex A53	Quad Cortex A53
Operating System	Embedded LINUX	Embedded LINUX	Embedded LINUX	Embedded LINUX
Video Input	16CH	16CH	32CH	32CH
Video Output	1 VGA, 1 HD	1 VGA, 1 HD	1 VGA, 1 HD	1 VGA, 1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

Value Series

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

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

XVR 6.0





8MP/5MP/1080N
Resolution



Human
Detection



H.265+
H.265



SATA Interface
Up to 8 TB



Audio
Input/Output



Alarm
Input/Output



BNC



CVBS



RJ45 Ethernet
Interface



USB
Interface



Playback
Backup



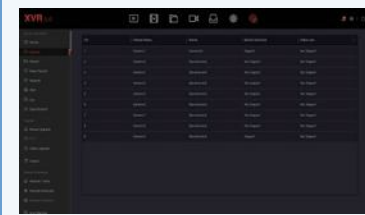
RS485



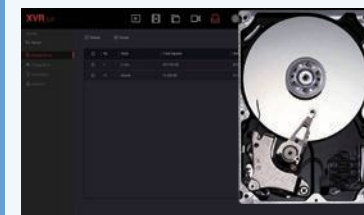
Live Preview



Playback



Camera Management



Hard Disk Management



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



Value Series

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

IPC Security Systems

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

4CH

8CH

8MP

12MP





POE

Plug and play, network cable power supply



Human Detection



Vehicle Detection



Smart Hybrid Light

Support IR mode, warm light mode and smart mode.



Sound and Light Warning

Red & blue flashing light and sound alarm



Local & Cloud Storage

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



24/7 Full Color

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



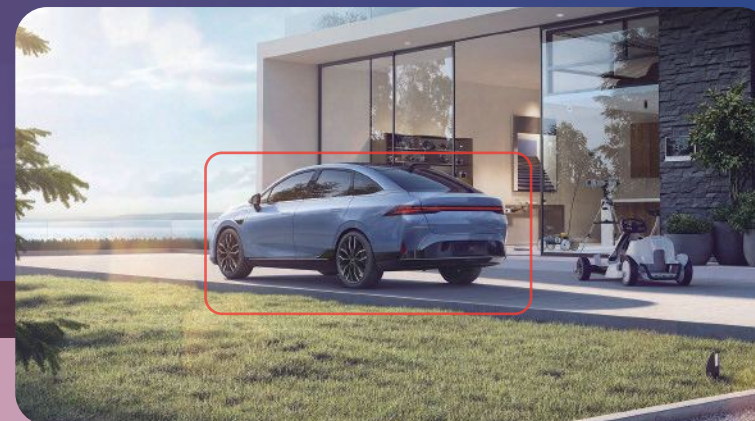
Alarm I/O

Intelligent alarm when there is abnormal situation.



Two-way Audio

Built-in microphone /speaker



4K POE Kits



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

12MP POE Kits



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

4K Lite POE Kits



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

Camera



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

NVR



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

HUB Security Kits

One HUB, All-round Home Safety.



AOR Solar-Powered PT Camera



AOR Solar-Powered PT Camera



Home Hub



AOR Battery WiFi Camera



AOR Battery WiFi Camera



Camera



Battery & Solar



Full-color
night vision



Sound and
light alarm



Two-way audio



Hybrid Light



Smart Recording



Human / vehicle
detection



TF card + cloud
storage

Hub



Built-in speaker
Customized alarm



2.4G / 5.8G
Wi-Fi



Built-in 32GB EMMC
Max. 512GB TF



Supports 8CH
Cameras



AOR PT Camera Kits
JA12QA1



AOR PT Camera Kits
JA14QA1



AOR Battery Camera Kits
JA12BA1



AOR Battery Camera Kits
JA14BA1



Camera

AOR PT Camera

AOR Battery Camera

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



HUB

Hub Intelligent control terminal

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

Full Color XVR Kits

DIY XVR Kits According to Your Needs

5MP/8MP Support Audio Over Coaxial



2MP

5MP

8MP

4CH

8CH

4CH/8CH XVR Kits

2MP/5MP/4K

Optional Cameras



18m Coaxial Cable DC12V2A Adaptor DC12V5A Adaptor Power Splitter Cable



CMSD

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



BPSC

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



TP1B

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



SATA



USB



RJ-45



Audio



Alarm



CVBS

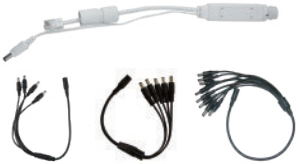


RS485



BNC

Accessories

				
POE Switch ○ 4CH/8CH/16CH/24CH ○ 10/100M/1000M Switch ○ POE IEEE 802.3af, IEEE 802.3at	Splitter Cable ○ 4CH, 5CH, 8CH Splitter ○ POE Splitter	IPC Tester ○ 4K TVI, 4K AHD, 4K CVI, 4K H.265 IP ○ 2M HD-SDI, 2M EX-SDI, CVBS	PTZ Control Keyboard ○ 3D/4D Joystick ○ For IP/HD PTZ	CCTV Cable ○ CAT5E Net Cable ○ DC+BNC or DC+BNC+RCA ○ HD Cable 18M-30M
				
Camera Bracket ○ For Dome & Conch & Bullet	Camera Housing ○ Plastic or Aluminum Alloy	4K Monitor ○ 32 Inch / 43 Inch	CCTV Lens ○ Varifocal or Fixed Lens ○ 1.3MP-4K Lens	Power Box ○ DC12V 5A-30A Power Supply ○ 4/5/9/18 Electric Outputs
				
Power Adapter ○ US, EU, AU, UK Standard ○ 500mA-5000mA Power Current	LED Illuminator ○ 80m/130m IR Distance ○ 42mW IR LEDS	Connector	Video Balun	HD Video Converter

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



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