

PRODUCT CATALOG

V202209

Homaxi

Powered by Qualvision



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COMPANY PROFILE

Homaxi is a brand powered by Qualvision Technology, focused on the video surveillance industry for over 10 years.

Today we are proud to be an industry-leading high-tech company, with more than 180 professional engineers working diligently on technology innovations such as image algorithms, video storage, artificial intelligence, cloud technology, and committed to providing up-to-date products and solutions for home users and business users. Our products include high-definition analog, IP cameras, video recorders, video intercom systems, etc. We have established a more than 20,000 square meters factory in Shenzhen, deployed advanced production facilities and management systems that meet international standards.

We distributed our products through our local partners in over 50 countries from the Americas, Europe, the Middle East, and Asia. By leveraging clusters of cloud servers deployed worldwide, our unified cross-platform video management system provides more than 5 million users with secure and reliable cloud services.

Together with our partners and customers, we are committed to making a smarter and safer world.



Head office in Shanghai



Factory in Shenzhen

BUSINESS PHILOSOPHY

MISSION

Continue to focus on technology innovation, provide our partners with the best quality security products and solutions, protect the property of our business users, help them improve business efficiency and performance, and at the same time protect our home users for their property and their children, provide them peace of mind.

VISION

We together make a safer world, let our children enjoy the blue sky and green yard.



C O R E V A L U E

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NETWORK CAMERAS

X SERIES High Performance

4MP / 8MP Colorview AI IP Cameras



4MP / 5MP / 8MP AI IP Cameras



4MP / 5MP / 8MP Deterrence IP Cameras



I SERIES iQSense True AI

4MP / 5MP / 8MP Starlight IP Cameras



4MP Dual illumination IP Cameras



S SERIES Cost-effective Lite AI

X SERIES

Homaxi X series is positioned in powerful performance products. With colorview technology, the X series delivers extreme images in ultra low light conditions.





In addition to the extreme image, the X series adopts the intelligent iQsense Algorithm focusing on human and vehicle targets, making it easier and more efficient to find specific targets when searching video footage.








FEATURES

- ▶ Enhanced **Colorview** for 7*24 full color images in ultra low light 0.0005Lux
- ▶ Equipped with enhanced **iQSense** algorithm to focus on human or vehicle events
- ▶ Stable operation in various complex environments based on **reliable design**

Colorview

-  7x24 Full Color
-  F1.0 Large Aperture
-  Large BSI Image Sensor
-  Advanced ISP

Reliable Design

- Reliable Protection Level
 -  IP67
 -  IK10
- Wide Temperature and Voltage
 -  -30 ~ 60°C
 -  ±25%
- Surge Protection
 -  6KV

iQSense





Human and Vehicle Classification



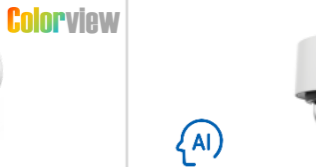
- ▶ Longer Detection Distance: 30M
- ▶ Higher Detection Accuracy: >99%
- ▶ Lower False Alarms: <1%

Motorized Lens

- ▶ F1.0 motorized lens optimized for long distance full color scenarios.



X Series				
Model	IPC8BF4R8-I2-TPMC	IPC8TF4R8-I2-TPMC	IPC8BF4R4-I2-TPMC	IPC8TF4R4-I2-TPMC
Image				
Image Sensor	1/1.8" Progressive scan CMOS Sensor	1/1.8" Progressive scan CMOS Sensor	1/1.8" Progressive scan CMOS Sensor	1/1.8" Progressive scan CMOS Sensor
Resolution	8MP(3840 × 2160)	8MP(3840 × 2160)	4M(2688 × 1520)	4M(2688 × 1520)
Min. Illumination	0.0008lux(Color)	0.0008lux(Color)	0.0005lux(Color)	0.0005lux(Color)
Lens	Fixed focal lens, 2.8mm@F1.0	Fixed focal lens, 2.8mm@F1.0	Fixed focal lens, 2.8mm@F1.0	Fixed focal lens, 2.8mm@F1.0
FOV	horizontal FOV: 110°, vertical FOV: 59°, diagonal FOV: 130°	horizontal FOV: 110°, vertical FOV: 59°, diagonal FOV: 130°	horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 134°	horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 134°
Max Light Range	40m	30m	40m	30m
WDR	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+
Frame Rate	8MP/6MP/5MP/4MP/2MP@(1~30fps)	8MP/6MP/5MP/4MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)
Streams	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	1/1	1/1	1/1	1/1
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67

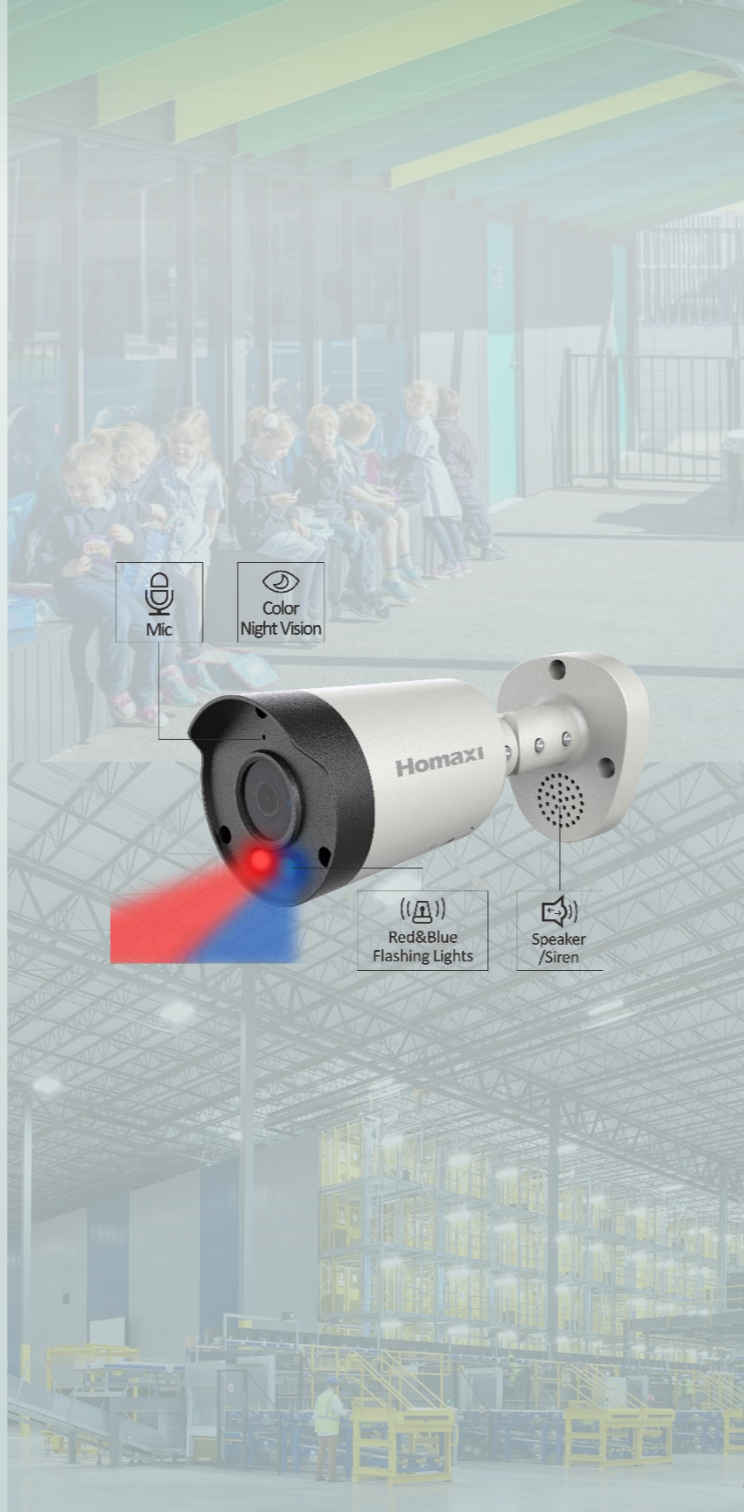
X Series			
Model	IPC8DF2R4-I2-TPMC	IPC8BV8R4-I2-TPMCZ	IPC8DV4R4-I2-TPMCZ
Image			
Image Sensor	1/1.8" Progressive scan CMOS Sensor	1/1.8" Progressive scan CMOS Sensor	1/1.8" Progressive scan CMOS Sensor
Resolution	4M(2688 × 1520)	4M(2688 × 1520)	4M(2688 × 1520)
Min. Illumination	0.0005lux(Color)	0.0005lux(Color)	0.0005lux(Color)
Lens	Fixed focal lens, 2.8mm@F1.0	motorized Varifocal lens, 2.8~12mm F1.0	motorized Varifocal lens, 2.8~12mm F1.0
FOV	horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 134°	horizontal FOV: 105°~56°, vertical FOV: 54°~31°, diagonal FOV: 131°~65°	horizontal FOV: 105°~56°, vertical FOV: 54°~31°, diagonal FOV: 131°~65°
Max Light Range	30m	60m	40m
WDR	120dB	120dB	120dB
Video Compression	H.264/H.264+/H.265/H.265+	H.264/H.264+/H.265/H.265+	H.264/H.264+/H.265/H.265+
Frame Rate	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)
Streams	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	1/1	1/1	1/1
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67

I SERIES

For performance on a budget, Homaxi offers I Series products.

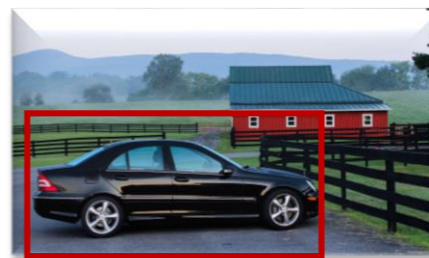
Based on the intelligent iQSense algorithm, the Homaxi I series can provide smart motion detection and perimeter protection which alarm triggered only by humans or vehicles, saving users from unnecessary actions caused by false alarms.

With its foundation from iQSense intelligence, Homaxi active deterrence products integrate iQSense, dual illuminator with colorview and active deterrence. It's designed to warn off intruders in advance to reduce the probability of incidents happening and get more details with the color image in low-light environments.



iQSense

Smart Motion Detection



Perimeter Protection 2.0



Human and Vehicle Classification

- ▶ Longer Detection Distance: 30M
- ▶ Higher Detection Accuracy: >99%
- ▶ Lower False Alarms: <1%

Active Deterrence

▶ Smart illuminator mode

warm mode: full color
IR mode: less light pollution



IR illuminator is on at night

▶ Siren and Red & Blue warning Light



Warm light turns on when a target appears to catch color images





▶ Accurate Detection












Speaker and Red & Blue light turns on (Active Deterrence) to warn the target








Warm light turns off, IR illuminator turns back on when the target disappears to reduce light pollution

I Series				
Model	IPC6BF2R8-I2-TML	IPC6TF2R8-I2-TML	IPC6DF2R8-I2-TML	IPC6BV2R8-I2-TPMLZ
Image				
Image Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor
Resolution	8MP(3840 × 2160)	8MP(3840 × 2160)	8MP(3840 × 2160)	8MP(3840 × 2160)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	Fixed focal lens,2.8mm@F1.6	Fixed focal lens,2.8mm@F1.6	Fixed focal lens,2.8mm@F1.6	motorized Varifocal lens,2.7~13.5mm
FOV	horizontal FOV:108°, vertical FOV:59°, diagonal FOV:128°	horizontal FOV:108°, vertical FOV:59°, diagonal FOV:128°	horizontal FOV:108°, vertical FOV:59°, diagonal FOV:128°	horizontal FOV:104°~36°, vertical FOV:56°~20°, diagonal FOV :122°~42°
IR Range	40m	30m	30m	70m
WDR	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+
Frame Rate	8MP/6MP/5MP/4MP/2MP@(1~30fps)	8MP/6MP/5MP/4MP/2MP@(1~30fps)	8MP/6MP/5MP/4MP/2MP@(1~30fps)	8MP/6MP/5MP/4MP/2MP@(1~30fps)
Streams	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	1/1,Built-in Mic
Alarm I/O	N/A	N/A	N/A	1/1
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67

I Series				
Model	IPC6TV2R8-I2-TPMLZ	IPC6DV2R8-I2-TPMLZ	IPC6BF2R5-I2-TML	IPC6TF2R5-I2-TML
Image				
Image Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	8MP(3840 × 2160)	8MP(3840 × 2160)	5MP(3072 × 1728)	5MP(3072 × 1728)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	motorized Varifocal lens,2.7~13.5mm	motorized Varifocal lens,2.7~13.5mm	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:104°~36°, vertical FOV:56°~20°, diagonal FOV :122°~42°	horizontal FOV:104°~36°, vertical FOV:56°~20°, diagonal FOV :122°~42°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°
IR Range	50m	50m	40m	30m
WDR	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+
Frame Rate	8MP/6MP/5MP/4MP/2MP@(1~30fps)	8MP/6MP/5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)
Streams	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	Built-in Mic	Built-in Mic
Alarm I/O	1/1	1/1	N/A	N/A
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67

I Series					
Model	IPC6DF2R5-I2-TML	IPC6BV2R5-I2-TPMLZ	IPC6TV2R5-I2-TPMLZ	IPC6DV2R5-I2-TPMLZ	IPC6BF2R4-I2-TML
Image					
Image Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	5MP(3072 x 1728)	5MP(3072 x 1728)	5MP(3072 x 1728)	5MP(3072 x 1728)	4M(2688 x 1520)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	Fixed focal lens, 2.8mm@F1.6	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV:130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV:130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV:130°~42°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°
IR Range	30m	70m	50m	50m	40m
WDR	120dB	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+	H.264/H.264+/H.265/H.265+
Frame Rate	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)
Streams	3	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio I/O	Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	Built-in Mic
Alarm I/O	N/A	1/1	1/1	1/1	N/A
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67	IP67

I Series					
Model	IPC6TF2R4-I2-TML	IPC6DF2R4-I2-TML	IPC6BV2R4-I2-TPMLZ	IPC6TV2R4-I2-TPMLZ	IPC6DV2R4-I2-TPMLZ
Image					
Image Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	4M(2688 x 1520)	4M(2688 x 1520)	4M(2688 x 1520)	4M(2688 x 1520)	4M(2688 x 1520)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm
FOV	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV:130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV:130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV:130°~42°
IR Range	30m	30m	70m	50m	50m
WDR	120dB	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+	H.264/H.264+/H.265/H.265+
Frame Rate	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)
Streams	3	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Audio I/O	Built-in Mic	Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	N/A	N/A	1/1	1/1	1/1
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67	IP67

S SERIES

Homaxi S series is the standard series for the distribution market which contains products of WDR, starlight, AI lite, and the latest dual illumination products.

Dual illumination technology provides the flexible mode of IR and warm light, which can record full color images and help to reduce light pollution.

Starlight technology allows you to catch colorful images in low light conditions.

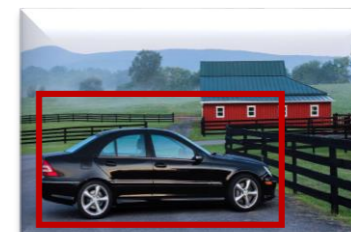
We also provide AI Lite technology to the Homaxi S series, only humans and vehicles will be detected and recorded.



Lite AI

Lite AI focuses on real threats like humans and vehicles, enhanced smart functions like Perimeter Protection, and Motion Detection. Significantly reduces false alarms triggered by animals, leaves, rain, etc. Saving time for security guys responding to events. It can also help users to accurately and quickly locate the target from the massive amount of data after an event.

Smart Motion Detection

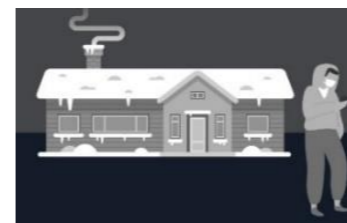


Perimeter Protection 2.0



Smart Dual Illuminators

IR Mode



Warm Light Mode



Smart Illumination



The three modes can be switched through the mobile phone.

Starlight

Starlight is one special surveillance technology to slow down electronic shutter in order to capture more light for the camera's sensor, which make darkness totally visible under extremely low light condition.





Color image in low light 0.006Lux.








Starlight Night Vision(1080P)







Non-Starlight Night Vision(1080P)




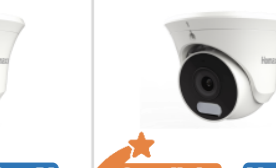

S Series				
Model	IPC4BF2R8-I1-TML	IPC4TF2R8-I1-TML	IPC4DF2R8-I1-TML	IPC4BF2R5-I1-TML
Image				
Image Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	8MP(3840 × 2160)	8MP(3840 × 2160)	8MP(3840 × 2160)	5MP(3072 x 1728)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	Fixed focal lens,2.8mm@F1.6	Fixed focal lens,2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:114°, vertical FOV:61°, diagonal FOV:131°	horizontal FOV:114°, vertical FOV:61°, diagonal FOV:131°	horizontal FOV:114°, vertical FOV:61°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°
IR Range	40m	30m	30m	40m
WDR	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+
Frame Rate	8MP@(1~20fps), 5MP/4MP/2MP@(1~30fps)	8MP@(1~20fps), 5MP/4MP/2MP@(1~30fps)	8MP@(1~20fps), 5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)
Streams	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Built-in Mic	Support	Support	Support	Support
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67

S Series					
Model	IPC4TF2R5-I1-TML	IPC4DF2R5-I1-TML	IPC4BV2R5-I1-TMLZ	IPC4TV2R5-I1-TMLZ	IPC4DV2R5-I1-TMLZ
Image					
Image Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	5MP(3072 x 1728)	5MP(3072 x 1728)	5MP(3072 x 1728)	5MP(3072 x 1728)	5MP(3072 x 1728)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm
FOV	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV: 130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV: 130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV: 130°~42°
IR Range	30m	30m	70m	50m	50m
WDR	120dB	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+	H.264/H.264+/H.265/H.265+
Frame Rate	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)	5MP/4MP/2MP@(1~30fps)
Streams	3	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Built-in Mic	Support	Support	Support	Support	Support
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Protection Level	IP67	IP67	IP67	IP67	IP67

S Series

Model	IPC4BF2R4-I1-TMCR	IPC4BF2R4-I1-TML	IPC4DF2R4-I1-TMCR	IPC4DF2R4-I1-TML
Image	 Starlight Lite AI	 Starlight Lite AI	 Starlight Lite AI	 Starlight Lite AI
Image Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	4M(2688 × 1520)	4M(2688 × 1520)	4M(2688 × 1520)	4M(2688 × 1520)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°
IR Range	40m	40m	30m	30m
Max Light Range	20m	N/A	20m	N/A
WDR	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+
Frame Rate	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)
Streams	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Built-in Mic	Support	Support	Support	Support
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Weather Proof	IP67	IP67	IP67	IP67

S Series

Model	IPC4BV2R4-I1-TMLZ	IPC4DV2R4-I1-TMLZ	IPC4TV2R4-I1-TMLZ	IPC4TF2R4-I1-TMCR	IPC4TF2R4-I1-TML
Image	 Starlight Lite AI	 Starlight Lite AI	 Starlight Lite AI	 Starlight Lite AI	 Starlight Lite AI
Image Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	4M(2688 × 1520)	4M(2688 × 1520)	4M(2688 × 1520)	4M(2688 × 1520)	4M(2688 × 1520)
Min. Illumination	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)	0.006lux(Color), 0lux(IR on)
Lens	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV: 130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV: 130°~42°	horizontal FOV:110°~38°, vertical FOV:58°~21°, diagonal FOV: 130°~42°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°	horizontal FOV:112°, vertical FOV:60°, diagonal FOV:131°
IR Range	70m	50m	50m	30m	30m
Max Light Range	N/A	N/A	N/A	20m	N/A
WDR	120dB	120dB	120dB	120dB	120dB
Video Compression	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+/H.265/H.265+	H.264/H.264+/H.265/H.265+
Frame Rate	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)	4MP/3MP/2MP@(1~30fps)
Streams	3	3	3	3	3
Smart Function	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0	Smart Motion Detection, Perimeter Protection 2.0
Local Storage	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB	Micro SD, up to 256GB
Built-in Mic	Support	Support	Support	Support	Support
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)	DC12V ± 10%, PoE (802.3af)
Weather Proof	IP67	IP67	IP67	IP67	IP67

Network Video Recorders

Homaxi Network Video Recorders offer the benefits of managing bandwidth and storage with the latest H.265+ compression technology, Ultra-high definition output up to 12MP is supported on all NVR models. For data safety, Homaxi NVR provides ANR functions, RAID, and N+1 hot spare, ensuring stable and reliable video recording.

With large enough capacity, stability, and expansibility, X Series provides the highest level of performance for the project market. A larger number of IP camera access and longer storage time is equipped, also, excellent stability is supported by X Series through RAID to guarantee the stable operation of projects.

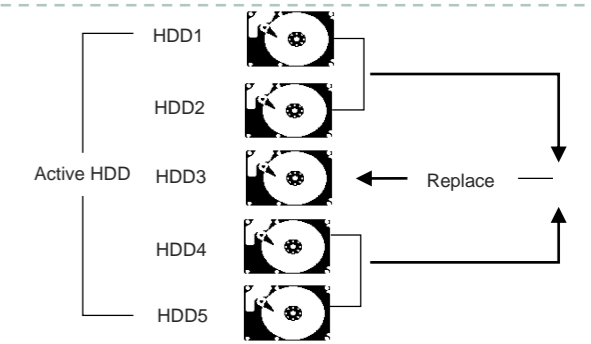
Equipped with many practical functions and powerful decoding ability, the I Series fits well with the SMB market.

FEATURES

Raid 0, 1, 5, 6, 10

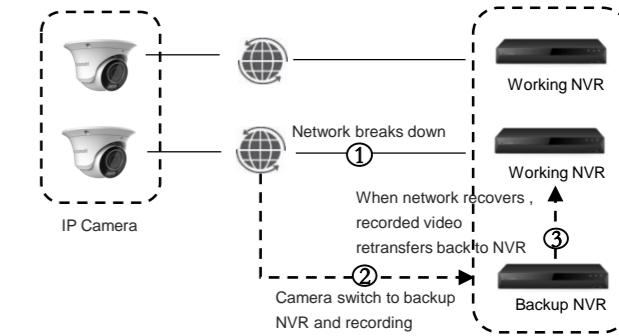
If hard drives fail, a replacement drive can be substituted.

The RAID of the original data by the calculation of the function will supply data from the rest normal hard drives to the new one.



N+1 Hot Spare

When working NVR X breaks down, the standby NVR will take over NVR X to keep the system working. Standby NVR – After the network recovers, recorded video transfers back to NVR 1 (the backup NVR can only take over one offline device at a time).



Automatic Network Replenishment (ANR)

If the network goes down, video recording will move to the onboard SD card in the IP camera. Upon network recovery, the recorded video will return to the NVR.

Cloud Storage

A full range of products supports third-party cloud storage – Google Drive and Dropbox, which allows the user to back up the video in the cloud spaces to keep the video in a safe place even if the local equipment or hard disk is damaged.



Google Drive







Dropbox

Network Video Recorders

Model	NVR808E-64	NVR808E-32	NVR604E-32	NVR604E-32P16
Image				
IP Video Input	64CH	32CH	32CH	32CH
Audio Input	1CH	1CH	1CH	1CH
Incoming Bandwidth	320Mbps	256Mbps	256Mbps	256Mbps
HDMI	1CH*4K; 1CH*1080P	1CH*4K; 1CH*1080P	1CH*4K; 1CH*1080P	1CH*4K; 1CH*1080P
VGA	1CH*1080P	1CH*1080P	1CH*1080P	1CH*1080P
Audio Output	2CH	2CH	2CH	1CH
Outgoing Bandwidth	256Mbps	256Mbps	256Mbps	256Mbps
Decoding Capability	2CH 12MP@20fps 4CH 4K@30fps 6CH 5M@30fps 8CH 4M@30fps 16CH 1080P@30fps	2CH 12MP@20fps 4CH 4K@30fps 6CH 5M@30fps 8CH 4M@30fps 16CH 1080P@30fps	2CH 12MP@20fps 4CH 4K@30fps 6CH 5M@30fps 8CH 4M@30fps 16CH 1080P@30fps	2CH 12MP@20fps 4CH 4K@30fps 6CH 5M@30fps 8CH 4M@30fps 16CH 1080P@30fps
HDD	8 SATA interface 1 eSATA interface	8 SATA interface 1 eSATA interface	4 SATA interface 1 eSATA interface	4 SATA interface 1 eSATA interface
Capacity	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD
Hot Spare	YES	YES	YES	N/A
ANR	YES	YES	YES	YES
RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID1, RAID5	RAID1, RAID5
Ethernet	2 × RJ-45 1000Mbps	2 × RJ-45 1000Mbps	2 × RJ-45 1000Mbps	1 × RJ-45 1000Mbps
POE Port	N/A	N/A	N/A	16P
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	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
RS-485	2	2	2	2
Alarm I/O	16/4	16/4	16/4	16/4
Power Supply	AC 100~240V	AC 100~240V	AC 100~240V	AC 100~240V
Power Consumption	≤30W(without HDD)	≤30W(without HDD)	≤30W(without HDD)	≤30W(without HDD and POE)
Working Environment	-10°C~55°C / 10%~90%RH	-10°C~55°C / 10%~90%RH	-10°C~55°C / 10%~90%RH	-10°C~55°C / 10%~90%RH
Dimension (W×D×H)	440×452×90mm	440×452×90mm	440×448×70mm	440×448×70mm
Weight	7.9kg	7.9kg	6.1kg	6.3KG

Network Video Recorders

Model	NVR604E-16P16	NVR602S-16P16	NVR602S-8P8	NVR401S-8P8
Image				
IP Video Input	16CH	16CH	8CH	8CH
Audio Input	1CH	1CH	1CH	1CH
Incoming Bandwidth	160Mbps	160Mbps	80Mbps	80Mbps
HDMI	1CH*4K; 1CH*1080P	1CH*4K	1CH*4K	1CH*4K
VGA	1CH*1080P	1CH*1080P	1CH*1080P	1CH*1080P
Audio Output	1CH	1CH	1CH	1CH
Outgoing Bandwidth	256Mbps	80Mbps	80Mbps	80Mbps
Decoding Capability	2CH 12MP@20fps 4CH 4K@30fps 6CH 5M@30fps 8CH 4M@30fps 16CH 1080P@30fps	1CH 12MP@20fps 2CH 4K@30fps 3CH 5M@30fps 4CH 4M@30fps 8CH 1080P@30fps	1CH 12MP@20fps 2CH 4K@30fps 3CH 5M@30fps 4CH 4M@30fps 8CH 1080P@30fps	1CH 12MP@20fps 2CH 4K@30fps 3CH 5M@30fps 4CH 4M@30fps 8CH 1080P@30fps
HDD	4 SATA interface 1 eSATA interface	2 SATA interface	2 SATA interface	1 SATA interface
Capacity	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD
Hot Spare	N/A	N/A	N/A	N/A
ANR	YES	YES	YES	YES
RAID Type	RAID1, RAID5	N/A	N/A	N/A
Ethernet	1 × RJ-45 1000Mbps	1 × RJ-45 1000Mbps	1 × RJ-45 1000Mbps	1 × RJ-45 1000Mbps
POE Port	16P	16P	8P	8P
USB Interface	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0	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 2.0
RS-485	2	1	1	N/A
Alarm I/O	16/4	4/1	4/1	N/A
Power Supply	AC 100~240V	AC 100~240V	AC 100~240V	DC48V 2A
Power Consumption	≤30W(without HDD and POE)	≤15W(without HDD and POE)	≤15W(without HDD and POE)	≤10W(without HDD and POE)
Working Environment	-10°C~55°C / 10%~90%RH	-10°C~55°C / 10%~90%RH	-10°C~55°C / 10%~90%RH	-10°C~55°C / 10%~90%RH
Dimension (W×D×H)	440×448×70mm	380×305×45mm	380×305×45mm	250×230×45mm
Weight	6.3KG	3.6kg	3.4kg	1.7kg

HD Analog Cameras & Recorders

Not only IP products, but Homaxi is also committed to bringing the latest technologies to existing coax-based systems, enabling users to enjoy the latest innovations and industry developments.

Homaxi recorders, as a part of the HD system, are widely used in applications where existing infrastructure is available and users need the latest technologies like deep learning algorithm, 5MP/4K resolution, audio over Coax (AoC), and more.

Homaxi has formulated its HD camera selection as the perfect choice to strengthen your existing coaxial system.

In addition to audio over Coax (AoC), the advanced technology of Full color is also optional.

Homaxi HD products are designed for optimum cost performance with our quality assurance standard.



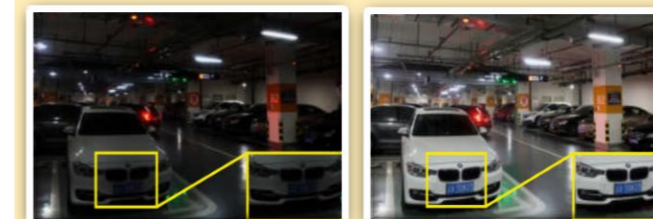
Full Color Cameras

True Color Information



Full Color camera presents colored images and captures vivid detail in low light conditions. It helps the police to extract more useful evidence like Clothes color/Car's color, in order to solve the case quickly.

More Details



Better Visual Experience









Audio Over Coaxial







AOC Audio information is used as supplementary evidence in video surveillance. The audio signal is transmitted over an existing coaxial cable which saves the cable, labor, and maintenance costs.



HD Analog Cameras

Model	UVC6BF2U	UVC6DF1U	UVC6TF2U	UVC6BV2U	UVC6DV2U	UVC6TV2U
Image						
Image Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Effective Pixels	2592 (H) x 1944 (V)	2592 (H) x 1944 (V)	2592 (H) x 1944 (V)	2592 (H) x 1944 (V)	2592 (H) x 1944 (V)	2592 (H) x 1944 (V)
Electronic Shutter	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec
Min. Illumination	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR
Video Frame Rate	PAL/NTSC:5MP@20fps	PAL/NTSC:5MP@20fps	PAL/NTSC:5MP@20fps	PAL/NTSC:5MP@20fps	PAL/NTSC:5MP@20fps	PAL/NTSC:5MP@20fps
Video Output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
S/N Ratio	≥50dB	≥50dB	≥50dB	≥50dB	≥50dB	≥50dB
Noise Reduction	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Day&Night	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W
White Balance	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual
WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR
IR LED	2pcs SMD LED	3pcs SMD LED	2pcs SMD LED	4pcs SMD LED	4pcs SMD LED	4pcs SMD LED
IR Range	30M	30M	30M	60M	30M	60M
Focal Length	2.8mm /3.6mm Fixed Lens	2.8mm /3.6mm Fixed Lens	2.8mm /3.6mm Fixed Lens	3.3-12mm Manual Zoom Lens	3.3-12mm Manual Zoom Lens	3.3-12mm Manual Zoom Lens
Angle of View	2.8mm: Horizontal FOV: 100°,Vertical FOV: 54°, Diagonal FOV: 114° 3.6mm: Horizontal FOV: 90°,Vertical FOV: 47°, Diagonal FOV: 102°	2.8mm: Horizontal FOV: 100°,Vertical FOV: 54°, Diagonal FOV: 114° 3.6mm: Horizontal FOV: 90°,Vertical FOV: 47°, Diagonal FOV: 102°	2.8mm: Horizontal FOV: 100°,Vertical FOV: 54°, Diagonal FOV: 114° 3.6mm: Horizontal FOV: 90°,Vertical FOV: 47°, Diagonal FOV: 102°	Horizontal FOV: 102~38°,Vertical FOV: 56~22°, Diagonal FOV: 118~42°	Horizontal FOV: 102~38°,Vertical FOV: 56~22°, Diagonal FOV: 118~42°	Horizontal FOV: 102~38°,Vertical FOV: 56~22°, Diagonal FOV: 118~42°
Lens Type	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Mount Type	M12	M12	M12	Φ14	Φ14	Φ14
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67
Housing Material	Metal + Plastic	Metal	Metal + Plastic	Metal	Metal	Metal
Power Supply	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)
Power Consumption	<8W	<6W	<8W	<12W	<8W	<12W
Working Environment	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX
Dimensions	Φ68X169.3mm	Φ112X87.5mm	Φ103.5 x 82.4 mm	Φ74.5X218.9mm	Φ142X113.4 mm	Φ140x104.7mm
Weight	400g	360g	350g	720g	770g	620g




HD Analog Cameras

Model	QVC6BF2Q	QVC6DF1Q	QVC6TF2Q	QVC6BV2Q	QVC6DV2Q	QVC6TV2Q
Image						
Image Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Effective Pixels	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)	1920(H) x 1080(V)
Electronic Shutter	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec	AUTO/ 1/50 (1/60) - 1/50,000sec
Min. Illumination	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR
Video Frame Rate	PAL/NTSC:1080P@25/30fps	PAL/NTSC:1080P@25/30fps	PAL/NTSC:1080P@25/30fps	PAL/NTSC:1080P@25/30fps	PAL/NTSC:1080P@25/30fps	PAL/NTSC:1080P@25/30fps
Video Output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
S/N Ratio	≥50dB	≥50dB	≥50dB	≥50dB	≥50dB	≥50dB
Noise Reduction	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Day&Night	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W	EXT/Auto/Color/B&W
White Balance	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual
WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR
IR LED	2pcs SMD LED	3pcs SMD LED	2pcs SMD LED	4pcs SMD LED	4pcs SMD LED	4pcs SMD LED
IR Range	30M	30M	30M	60M	30M	60M
Focal Length	2.8mm/3.6mm Fixed Lens	2.8mm/3.6mm Fixed Lens	2.8mm/3.6mm Fixed Lens	2.8-12mm Manual Zoom Lens	2.8-12mm Manual Zoom Lens	2.8-12mm Manual Zoom Lens
Angle of View	2.8mm: Horizontal FOV: 100°,Vertical FOV: 54°, Diagonal FOV: 114° 3.6mm: Horizontal FOV: 82°,Vertical FOV: 45°, Diagonal FOV: 94°	2.8mm: Horizontal FOV: 100°,Vertical FOV: 54°, Diagonal FOV: 114° 3.6mm: Horizontal FOV: 82°,Vertical FOV: 45°, Diagonal FOV: 94°	2.8mm: Horizontal FOV: 100°,Vertical FOV: 54°, Diagonal FOV: 114° 3.6mm: Horizontal FOV: 82°,Vertical FOV: 45°, Diagonal FOV: 94°	Horizontal FOV: 94~38°,Vertical FOV: 52~22°, Diagonal FOV: 110~44°	Horizontal FOV: 94~38°,Vertical FOV: 52~22°, Diagonal FOV: 110~44°	Horizontal FOV: 94~38°,Vertical FOV: 52~22°, Diagonal FOV: 110~44°
Lens Type	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Mount Type	M12	M12	M12	Φ14	Φ14	Φ14
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67
Housing Material	Metal	Metal	Metal	Metal	Metal	Metal
Power Supply	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)
Power Consumption	<8W	<6W	<8W	<12W	<8W	<12W
Working Environment	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX
Dimensions	Φ68X169.3mm	Φ112X87.5mm	Φ103.5 x 82.4 mm	Φ74.5X218.9mm	Φ142X113.4 mm	Φ140x104.7mm
Weight	400g	360g	350g	720g	770g	620g




HD Analog Cameras

Model	UVC6BF2U-CM	UVC6TF2U-CM	QVC6BF2Q-C	QVC6TF2Q-C
Appearance	 Full Color	 Full Color	 Full Color	 Full Color
Image Sensor	1/2.7" CMOS Sensor	1/2.7" CMOS Sensor	1/2.9" CMOS Sensor	1/2.9" CMOS Sensor
Signal System	PAL/NTSC	PAL/NTSC	PAL/NTSC	PAL/NTSC
Effective Pixels	2560 (H) × 1665 (V)	2560 (H) × 1665 (V)	1920(H) × 1080(V)	1920(H) × 1080(V)
Electronic Shutter	AUTO/ 1/50 (1/60) -1/50,000sec	AUTO/ 1/50 (1/60) -1/50,000sec	AUTO/ 1/50 (1/60) -1/50,000sec	AUTO/ 1/50 (1/60) -1/50,000sec
Min. Illumination	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0LUX with IR	0.01Lux@(F1.2,AGC ON), 0Lux with IR	0.01Lux@(F1.2,AGC ON), 0Lux with IR
Video Frame Rate	PAL/NTSC:5MP@20fps	PAL/NTSC:5MP@20fps	PAL/NTSC:1080P@25/30fps	PAL/NTSC:1080P@25/30fps
Video Output	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Mic	Support(only in TVI mode)	Support(only in TVI mode)	N/A	N/A
S/N Ratio	≥50dB	≥50dB	≥50dB	≥50dB
Noise Reduction	2D DNR	2D DNR	2D/3D DNR	2D/3D DNR
Day&Night	Full Color	Full Color	Full Color	Full Color
White Balance	ATW/Manual	ATW/Manual	ATW/Manual	ATW/Manual
WDR	D-WDR	D-WDR	D-WDR	D-WDR
LED	2pcs Warm Light	2pcs Warm Light	2pcs Warm Light	2pcs Warm Light
Warm Light Range	20M	20M	20M	20M
Focal Length	2.8mm/3.6mm F1.0 Fixed Lens	2.8mm/3.6mm F1.0 Fixed Lens	2.8mm /3.6mm F1.0 Fixed Lens	2.8mm /3.6mm F1.0 Fixed Lens
Angle of View	2.8mm: Horizontal FOV: 110°,Vertical FOV: 60°, Diagonal FOV: 126° 3.6mm: Horizontal FOV:90°,Vertical FOV: 50°, Diagonal FOV: 103°	2.8mm: Horizontal FOV: 110°,Vertical FOV: 60°, Diagonal FOV: 126° 3.6mm: Horizontal FOV:90°,Vertical FOV: 50°, Diagonal FOV: 103°	2.8mm: Horizontal FOV: 104°,Vertical FOV: 56°, Diagonal FOV: 120° 3.6mm: Horizontal FOV: 84°,Vertical FOV:46°, Diagonal FOV: 96°	2.8mm: Horizontal FOV: 104°,Vertical FOV: 56°, Diagonal FOV: 120° 3.6mm: Horizontal FOV: 84°,Vertical FOV:46°, Diagonal FOV: 96°
Lens Type	Fixed Iris	Fixed Iris	Fixed Iris	Fixed Iris
Mount Type	M12	M12	M12	M12
IP Rating	IP67	IP67	IP67	IP67
Housing Material	Metal	Metal	Metal	Metal
Power Supply	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)	DC12V(±10%)
Power Consumption	<8W	<8W	<8W	<8W
Working Environment	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX	-40°C~60°C / RH95% MAX
Dimensions	Φ68X169.3mm	Φ103.5 × 82.4 mm	Φ68X169.3mm	Φ103.5 × 82.4mm
Weight	400g	350g	400g	350g

HD Analog Recorders

Model	UVR601-04Q	UVR601-08Q	UVR602-16Q
Image	 AI	 AI	 AI
Video Input	4CH	8CH	16CH
TVI	5MP, 4MP, 1080P, 720P	5MP, 4MP, 1080P, 720P	5MP, 4MP, 1080P, 720P
CVI	4MP, 1080P, 720P	4MP, 1080P, 720P	4MP, 1080P, 720P
AHD	5MP, 4MP, 1080P, 720P	5MP, 4MP, 1080P, 720P	5MP, 4MP, 1080P, 720P
CVBS	Support	Support	Support
Audio Input	1ch, multiplex with Audio Input(RCA) 4ch via coaxial cable	1ch, multiplex with Audio Input(RCA) 8ch via coaxial cable	1ch, multiplex with Audio Input(RCA) 16ch via coaxial cable
HDMI	1CH*1080P	1CH*1080P	1CH*4K
VGA	1CH*1080P	1CH*1080P	1CH*1080P
CVBS output	1ch, BNC(1.0Vp-p,75Ω), resolution: PAL: 704x576, NTSC: 704x480	1ch, BNC(1.0Vp-p,75Ω), resolution: PAL: 704x576, NTSC: 704x480	1ch, BNC(1.0Vp-p,75Ω), resolution: PAL: 704x576, NTSC: 704x480
Audio Output	1CH	1CH	1CH
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+
Resolution	5MP Lite@10fps, 4MP Lite/1080P@15fps, 1080P Lite@25fps, 720P/960H/D1/CIF real time	5MP Lite@10fps, 4MP Lite/1080P@15fps, 1080P Lite@25fps, 720P/960H/D1/CIF real time	5MP Lite@10fps, 4MP Lite/1080P@15fps, 1080P Lite@25fps, 720P/960H/D1/CIF real time
Video Bit Rate	11Kbps-4026Kbps	11Kbps-4026Kbps	11Kbps-4026Kbps
Audio Compression	G.711a	G.711a	G.711a
SMD Plus	4CH	8CH	16CH
Perimeter Protection	1CH	1CH	2CH
Face Detection	1CH	1CH	2CH
SATA	1 HDD	1 HDD	1 HDD
Capacity	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD	Up to 10TB capacity for each HDD
Serial Interface	N/A	N/A	N/A
Ethernet	1 RJ-45 100Mbps	1 RJ-45 100Mbps	1 RJ-45 1000Mbps
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 2 × USB 2.0	Front panel: 1 × USB 2.0 Rear panel: 2 × USB 2.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0
Alarm In	N/A	N/A	N/A
Alarm Out	N/A	N/A	N/A
Power Supply	DC12V, 2A	DC12V, 2A	DC12V, 5A
Power Consumption	≤10W(without HDD)	≤10W(without HDD)	≤10W(without HDD)
Working Environment	-10°C~+55°C / 10%~90%RH	-10°C~+55°C / 10%~90%RH	-10°C~+55°C / 10%~90%RH
Dimension (W×D×H)	315 × 240 × 45mm	315 × 240 × 45mm	380 × 305 × 45mm
Weight	2.1kg	2.1kg	2.6kg

HD Analog Recorders

Model	UVR601-04U	UVR601-08U	UVR602-16U
Image			
Video Input	4CH	8CH	16CH
HDTVI Input	8MP, 5MP, 4MP, 1080P, 720P	8MP, 5MP, 4MP, 1080P, 720P	8MP, 5MP, 4MP, 1080P, 720P
CVI Input	8MP, 4MP, 1080P, 720P	8MP, 4MP, 1080P, 720P	8MP, 4MP, 1080P, 720P
AHD Input	8MP, 5MP, 4MP, 1080P, 720P	8MP, 5MP, 4MP, 1080P, 720P	8MP, 5MP, 4MP, 1080P, 720P
CVBS Input	Support	Support	Support
Audio Input	1CH	1CH	1CH
HDMI	1CH*4K	1CH*4K	1CH*4K
VGA	1CH*1080P	1CH*1080P	1CH*1080P
CVBS	1CH, BNC(1.0Vp-p,75Ω), PAL: 704x576, NTSC: 704x480	1CH, BNC(1.0Vp-p,75Ω), PAL: 704x576, NTSC: 704x480	1CH, BNC(1.0Vp-p,75Ω), PAL: 704x576, NTSC: 704x480
Audio Output	1CH	1CH	1CH
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
Resolution	8MP@7fps, 8MP-N@15fps, 5MP@12fps,4MP@15fps, 1080P/720P/960H/D1@25fps(P)/30fps(N)	8MP@7fps, 8MP-N@15fps, 5MP@12fps,4MP@15fps, 1080P/720P/960H/D1@25fps(P)/30fps(N)	8MP@7fps, 8MP-N@15fps, 5MP@12fps, 4MP@15fps, 1080P/720P/960H/D1@25fps(P)/30fps(N)
Video Bit Rate	11Kbps~ 6769Kbps	11Kbps~ 6769Kbps	11Kbps~ 6769Kbps
Audio Compression	G.711a	G.711a	G.711a
Playback Number	4CH 8MP Playback 4CH 8MP-N Playback	4CH 8MP Playback 8CH 8MP-N Playback	8CH 8MP Playback 8CH 8MP-N Playback
SMD Plus	4CH	8CH	16CH
Perimeter Protection	1CH	2CH	4CH
Face Detection	1CH	2CH	4CH
SATA	1 SATA interfaces	1 SATA interfaces	2 SATA interfaces
Capacity	Up to 8TB capacity for each HDD	Up to 8TB capacity for each HDD	Up to 8TB capacity for each HDD
Serial Interface	1*Standard RS-485(half-duplex)	1*Standard RS-485(half-duplex)	1*Standard RS-485(half-duplex)
Ethernet	1 RJ-45 100Mbps	1 RJ-45 1000 Mbps	1 RJ-45 1000Mbps
USB Interface	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
Alarm Input	N/A	N/A (optional to support)	N/A
Alarm Output	N/A	N/A (optional to support)	N/A
Power Supply	DC12V,2A	DC12V, 2A	DC12V, 5A
Power Consumption	≤10W(without HDD)	≤10W(without HDD)	≤10W(without HDD)
Working Environment	-10°C~+55°C / 10%~90%RH	-10°C~+55°C / 10%~90%RH	-10°C~+55°C / 10%~90%RH
Dimension (W×D×H)	315 × 240 × 45mm	315 × 240 × 45mm	380 × 305 × 45mm
Weight(without HDD)	2.1kg	2.3kg	2.8kg

ACCESSORIES



Camera Bracket

Junction Box



AC-JB02

Φ112.5×49.5mm

Junction Box



AC-JB04

Φ142×46.5mm

Pendent Mount



AC-CMU02/
AC-CMP02

AC-CML02

Pole Mount



AC-PM02

Wall Mount



AC-WM04

Φ136×120×208mm

Wall Mount



AC-WM04-G

Φ136×120×208mm

Wall Mount



AC-WM02

Φ120×105.8×183.5mm

Wall Mount



AC-WM02-G

Φ120×105.8×183.5mm

Bullet Camera Mount



IPC6BF2R8-I2-TML

IPC6BF2R5-I2-TML

IPC6BF2R4-I2-TML

IPC4BF2R8-I1-TML

IPC4BF2R5-I1-TML

IPC4BF2R4-I1-TML



IPC6BV2R8-I2-TPMLZ

IPC6BV2R5-I2-TPMLZ

IPC6BV2R4-I2-TPMLZ

IPC4BV2R5-I1-TMLZ

IPC4BV2R4-I1-TMLZ

Fixed Turret Camera Mount



IPC6TF2R8-I2-TML

IPC6TF2R5-I2-TML

IPC6TF2R4-I2-TML



IPC4TF2R8-I1-TML

IPC4TF2R5-I1-TML

IPC4TF2R4-I1-TML

Motorized Turret Camera Mount



IPC6TV2R8-I2-TPMLZ

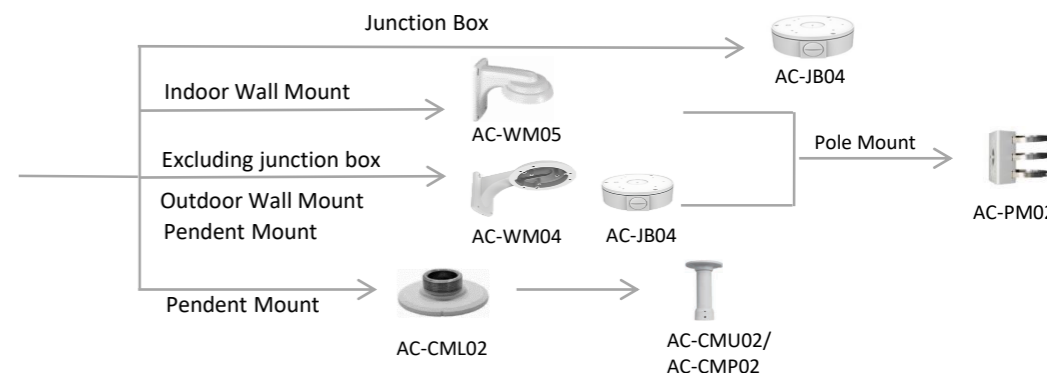
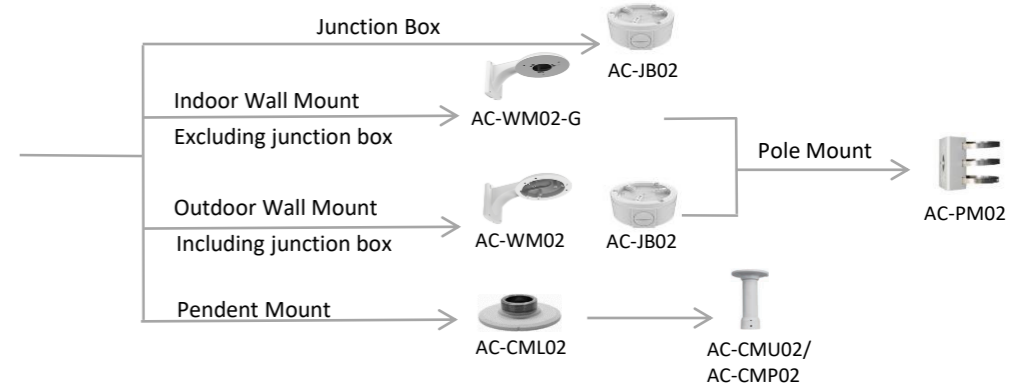
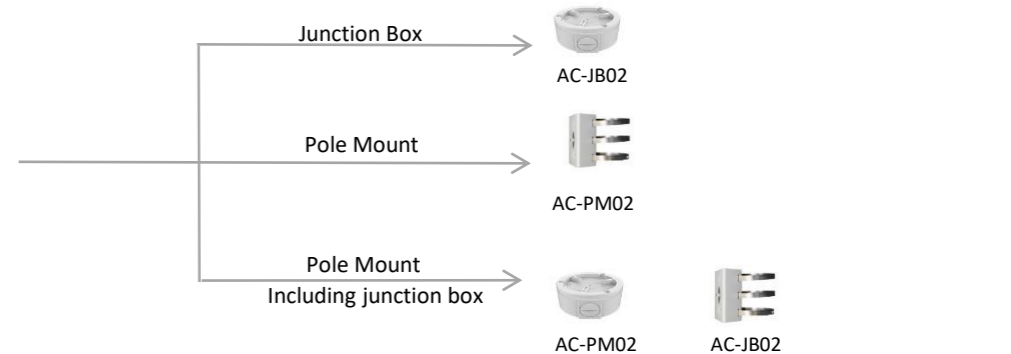
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IPC6TV2R4-I2-TPMLZ



IPC4TV2R5-I1-TMLZ

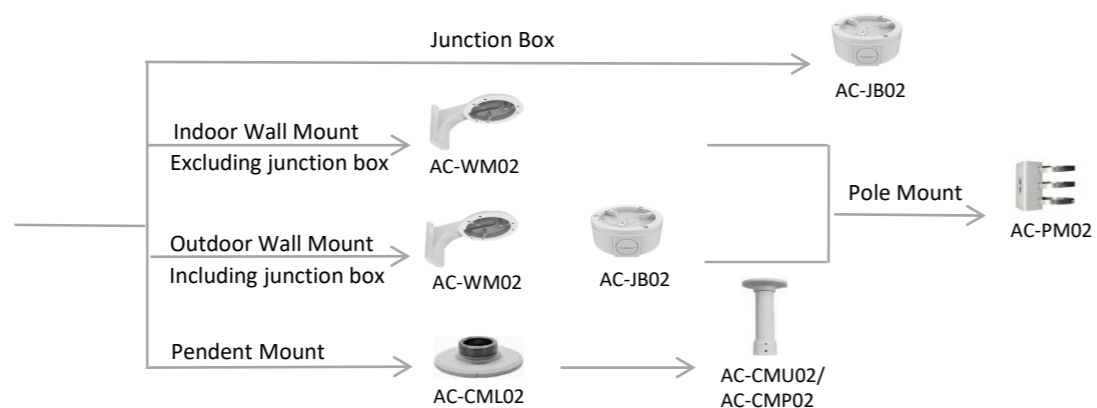
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Fixed Dome Camera Mount



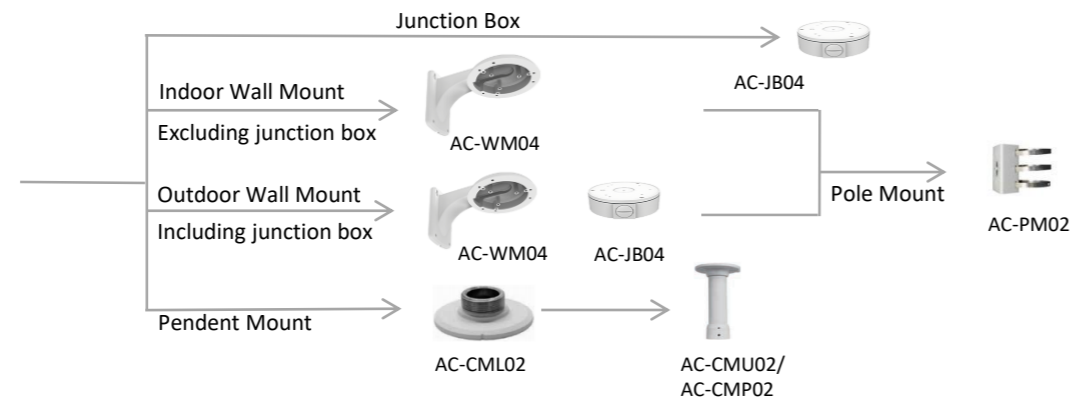
IPC8DF2R8-I2-TPMC IPC6DF2R4-I2-TML
 IPC8DF2R4-I2-TPMC IPC4DF2R8-I1-TML
 IPC6DF2R8-I2-TML IPC4DF2R5-I1-TML
 IPC6DF2R5-I2-TML IPC4DF2R4-I1-TML



Motorized Dome Camera Mount



IPC8DV4R8-I2-TPMCZ
 IPC8DV4R4-I2-TPMCZ



IPC6DV2R8-I2-TPMLZ IPC4DV2R5-I1-TMLZ
 IPC6DV2R5-I2-TPMLZ IPC4DV2R4-I1-TMLZ
 IPC6DV2R4-I2-TPMLZ

