

**Homaxi**  
Powered by Qualvision

NDA Compliant

# PRODUCT CATALOG

V2023Q2



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Homaxi USA



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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.

**Homaxi**

**Homaxi**

# BUSINESS PHILOSOPHY

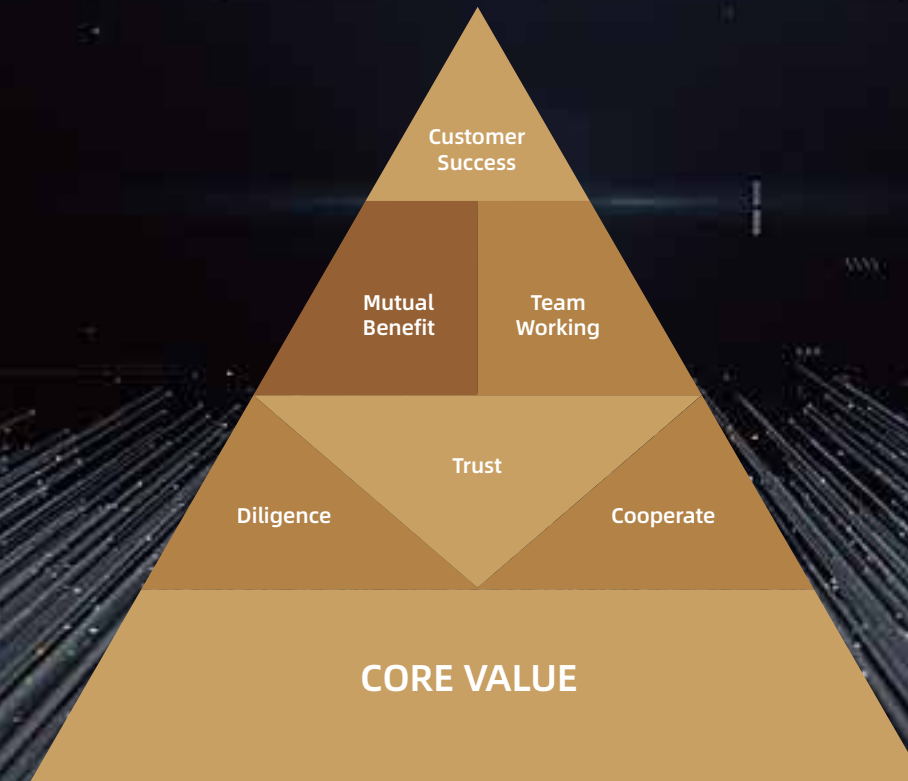
## MISSION

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.

**Homaxi**



# CONTENTS

Company Profile .....	P01
Network Cameras .....	P04
<b>X</b> SERIES .....	P04
<b>I</b> SERIES .....	P08
<b>S</b> SERIES .....	P16
Network Video Recorders .....	P24
HD Analog Cameras & Recorders .....	P28
Accessories .....	P34

# NETWORK CAMERAS

## X-SERIES

High Performance

4MP / 8MP Colorview AI IP Cameras

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 24/7 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

- 24/7 Full Color
- F1.0 Large Aperture
- Large BSI Image Sensor
- Advanced ISP

### iQSense

Human and Vehicle Classification

Human Detection Distance: **30M Daytime**  
(Distance at night will be reduced depending on the scene)

Vehicle Detection Distance: **50M**  
(2.8mm fixed-focal camera)

Higher Detection Accuracy: **>99%**

Lower False Alarms: **<0.5%**

### Reliable Design

- IP67
- IK10
- 40 ~60°C Wide Temperature
- ±25% Voltage
- 6KV Surge Protection




### Motorized Lens

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



# X-SERIES




High Performance

Model	IPC8BF4R8-I2-TPMC	IPC8TF4R8-I2-TPMC	IPC8BF4R4-I2-TPMC
Image			
Image Sensor	1/1.8" Progressive scan CMOS Sensor		
Resolution	8MP(3840 × 2160)	8MP(3840 × 2160)	4M(2688 × 1520)
Min. Illumination	0.0008lux(Color)	0.0008lux(Color)	0.0005lux(Color)
Lens	Fixed focal lens, 2.8mm@F1.0		
FOV	horizontal FOV:112° vertical FOV:61° diagonal FOV:130°	horizontal FOV:112° vertical FOV:61° diagonal FOV:130°	horizontal FOV:114° vertical FOV:61° diagonal FOV:132°
Illumination Distance	40m	30m	40m
WDR	120dB	120dB	130dB
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG		
Frame Rate	8MP/6MP/5MP/4MP/2MP @(1~30fps)	8MP/6MP/5MP/4MP/2MP @(1~30fps)	4MP/2MP @(1~30fps)
Streams	3		
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection		
Local Storage	Micro SD, up to 256GB		
Audio I/O	1/1, Built-in Mic		
Alarm I/O	1/1		
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%, PoE (802.3af)		
Protection Level	IP67		

IPC

# X-SERIES

High Performance

Model	IPC8TF4R4-I2-TPMC	IPC8BV8R4-I2-TPMCZ	IPC8DV4R4-I2-TPMCZ
Image			
Image Sensor	1/1.8" Progressive scan CMOS Sensor		
Resolution	4M(2688 × 1520)		
Min. Illumination	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:114° vertical FOV:62° diagonal FOV:132°	horizontal FOV: 105°~56° vertical FOV: 54°~31° diagonal FOV: 131°~65°	horizontal FOV: 105°~56° vertical FOV: 54°~31° diagonal FOV: 131°~65°
Illumination Distance	30m	60m	40m
WDR	130dB		
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG		
Frame Rate	4MP/2MP @(1~30fps)		
Streams	3		
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection		
Local Storage	Micro SD, up to 256GB		
Audio I/O	1/1, Built-in Mic		
Alarm I/O	1/1		
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)		
Power Supply	DC12V ± 25%, PoE (802.3af)		
Protection Level	IP67	IP67, IK10	IP67, IK10

IPC

# NETWORK CAMERAS

## I - SERIES

iQSense True AI

4MP / 5MP / 8MP AI IP Cameras  
4MP / 8MP Deterrence IP Cameras

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 full color 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

- Human Detection Distance: **30M Daytime**  
(Distance at night will be reduced depending on the scene)
- Vehicle Detection Distance: **50M**  
(2.8mm fixed-focal camera)
- Higher Detection Accuracy: **>99%**
- Lower False Alarms: **<0.5%**

## 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

iQSense True AI

Model	IPC6BF6R8-AD-TPMSCR	IPC6TF4R8-AD-TPMSCR	IPC6BF6R4-AD-TPMSCR	IPC6TF4R4-AD-TPMSCR
Image				
Image Sensor	1/2.8" Progressive scan CMOS Sensor		1/2.7" Progressive scan CMOS Sensor	
Resolution	8MP(3840 × 2160)		4MP(2688 × 1520)	
Min. Illumination	0.003lux(Color), 0lux(IR on)			
Lens	Fixed focal lens, 2.8mm@F1.0			
FOV	horizontal FOV: 112° vertical FOV: 61° diagonal FOV:130°	horizontal FOV: 112° vertical FOV: 61° diagonal FOV:130°	horizontal FOV: 114° vertical FOV: 62° diagonal FOV:132°	horizontal FOV: 114° vertical FOV: 62° diagonal FOV:132°
Illumination Distance	30m(IR light) 30m(warm light)			
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	8MP/6MP/5MP/4MP/2MP @(1~30fps)	8MP/6MP/5MP/4MP/2MP @(1~30fps)	4MP/2MP @(1~30fps)	4MP/2MP @(1~30fps)
Streams	3			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detetion			
On-board storage	Micro SD, up to 256GB			
Audio I/O	1/1, Built-in Mic			
Speaker	Yes			
Alarm I/O	1/1			
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67			

IPC

# I – SERIES





iQSense True AI

Model	IPC6BF2R8-I2-TML	IPC6TF4R8-I2-TML	IPC6DF2R8-I2-TML	IPC6DF1R8-I2-TPM
Image				
Image Sensor	1/2.8" Progressive scan CMOS Sensor			
Resolution	8MP(3840 × 2160)			
Min. Illumination	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: 106° vertical FOV: 58° diagonal FOV:124°	horizontal FOV: 106° vertical FOV: 58° diagonal FOV:124°	horizontal FOV: 106° vertical FOV: 58° diagonal FOV:124°	horizontal FOV: 106° vertical FOV: 58° diagonal FOV:124°
Illumination Distance	40m	30m	30m	30m
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	8MP/6MP/5MP/4MP/2MP @(1~30fps)			
Streams	3			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	Built-in Mic	Built-in Mic	Built-in Mic	1/1, Built-in Mic
Speaker	N/A			
Alarm I/O	N/A	N/A	N/A	1/1
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67	IP67	IP67, IK10	IP67, IK10

IPC

# I – SERIES





iQSense True AI

Model	IPC6BV2R8-I2-TPMLZ	IPC6TV2R8-I2-TPMLZ	IPC6DV2R8-I2-TPMLZ	IPC6BF2R5-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
Resolution	8MP(3840 × 2160)		8MP(3840 × 2160)	5MP(2880 × 1620)
Min. Illumination	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
FOV	horizontal FOV:108°~34° vertical FOV: 58°~19° diagonal FOV:130°~39°		horizontal FOV:108°~34° vertical FOV: 58°~19° diagonal FOV:130°~39°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°
Illumination Distance	70m	50m	50m	40m
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	8MP/6MP/5MP/4MP/2MP @(1~30fps)		8MP/6MP/5MP/4MP/2MP @(1~30fps)	5MP/4MP/2MP @(1~30fps)
Streams	3			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	1/1, Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic	Built-in Mic
Alarm I/O	1/1	1/1	1/1	N/A
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67	IP67	IP67, IK10	IP67

IPC

# I – SERIES

iQSense True AI




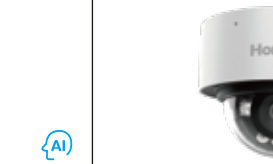
Model	IPC6TF4R5-I2-TML	IPC6DF2R5-I2-TML	IPC6BV2R5-I2-TPMLZ	IPC6TV2R5-I2-TPMLZ
Image				
Image Sensor	1/2.7" Progressive scan CMOS Sensor			
Resolution	5MP(2880 × 1620)			
Min. Illumination	0.006lux(Color), 0lux(IR on)			
Lens	Fixed focal lens, 2.8mm@F1.6	Fixed focal lens, 2.8mm@F1.6	motorized Varifocal lens, 2.7~13.5mm	motorized Varifocal lens, 2.7~13.5mm
FOV	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°
Illumination Distance	30m	30m	70m	50m
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	5MP/4MP/2MP @(1~30fps)			
Streams	3			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	Built-in Mic	Built-in Mic	1/1, Built-in Mic	1/1, Built-in Mic
Alarm I/O	N/A	N/A	1/1	1/1
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67	IP67, IK10	IP67	IP67

IPC



# I – SERIES



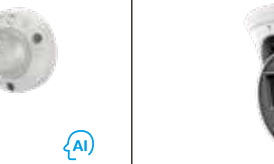

iQSense True AI

Model	IPC6DV2R5-I2-TPMLZ	IPC6BF2R4-I2-TML	IPC6TF4R4-I2-TML	IPC6DF2R4-I2-TML
Image				
Image Sensor	1/2.7" Progressive scan CMOS Sensor			
Resolution	5MP(2880 × 1620)	4MP(2688 × 1520)	4MP(2688 × 1520)	4MP(2688 × 1520)
Min. Illumination	0.006lux(Color), 0lux(IR on)			
Lens	motorized Varifocal lens, 2.7~13.5mm	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°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°
Illumination Distance	50m	40m	30m	30m
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	5MP/4MP/2MP @(1~30fps)	4MP/2MP @(1~30fps)	4MP/2MP @(1~30fps)	4MP/2MP @(1~30fps)
Streams	3			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection			
Local Storage	Micro SD, up to 256GB			
Audio I/O	1/1, Built-in Mic	N/A	N/A	N/A
Alarm I/O	1/1	N/A	N/A	N/A
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67, IK10	IP67	IP67	IP67, IK10

IPC

# I – SERIES

iQSense True AI

Model	IPC6DF1R4-I2-TPM	IPC6BV2R4-I2-TPMLZ	IPC6TV2R4-I2-TPMLZ	IPC6DV2R4-I2-TPMLZ
Image				
Image Sensor	1/2.7" Progressive scan CMOS Sensor			
Resolution	4MP(2688 × 1520)			
Min. Illumination	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
FOV	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°
Illumination Distance	30m	70m	50m	50m
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	4MP/2MP @(1~30fps)			
Streams	3			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection			
Local Storage	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	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67, IK10	IP67	IP67	IP67, IK10

IPC

# NETWORK CAMERAS

## S-SERIES

Cost-effective Lite AI

Homaxi S series is the standard series for the distribution market which contains products of WDR, starlight, lite AI, 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 Lite AI 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



## Smart Dual Illuminators

The three modes can be switched through the mobile phone.



IR Mode



Warm Light Mode



Smart Illumination

## 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






Cost-effective Lite AI

Model	IPC4BF2R8-I1-TML	IPC4TF4R8-I1-TML	IPC4DF2R8-I1-TML	IPC4BF2R5-I1-TML
Image				
Image Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.8" Progressive scan CMOS Sensor	1/2.7" Progressive scan CMOS Sensor
Resolution	8MP(3840 x 2160)	8MP(3840 x 2160)	8MP(3840 x 2160)	5MP(2880 x 1620)
Min. Illumination	0.006lux(Color), 0lux(IR on)			
Lens	Fixed focal lens, 2.8mm@F1.6			
FOV	horizontal FOV: 106° vertical FOV: 58° diagonal FOV: 125°	horizontal FOV: 106° vertical FOV: 58° diagonal FOV: 125°	horizontal FOV: 106° vertical FOV: 58° diagonal FOV: 125°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°
Illumination Distance	40m	30m	30m	40m
WDR	120dB			
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG			
Frame Rate	8MP/6MP@(1~20fps) 5MP/4MP/2MP@(1~30fps)	8MP/6MP@(1~20fps) 5MP/4MP/2MP@(1~30fps)	8MP/6MP@(1~20fps) 5MP/4MP/2MP@(1~30fps)	5MP@(1~20fps) 4MP/2MP@(1~30fps)
Streams	2			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0			
Local Storage	Micro SD, up to 256GB			
Built-in Mic	Support			
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67	IP67	IP67, IK10	IP67

IPC

# S-SERIES





Cost-effective Lite AI

Model	IPC4TF4R5-I1-TML	IPC4DF2R5-I1-TML	IPC4BV2R5-I1-TMLZ	IPC4TV2R5-I1-TMLZ	IPC4DV2R5-I1-TMLZ
Image					
Image Sensor	1/2.7" Progressive scan CMOS Sensor				
Resolution	5MP(2880 x 1620)				
Min. Illumination	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: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°
Illumination Distance	30m	30m	70m	50m	50m
WDR	120dB				
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG				
Frame Rate	5MP@(1~20fps) 4MP/2MP@(1~30fps)				
Streams	2				
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0				
Local Storage	Micro SD, up to 256GB				
Built-in Mic	Support				
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)				
Power Supply	DC12V ± 25%, PoE (802.3af)				
Protection Level	IP67	IP67, IK10	IP67	IP67	IP67, IK10

IPC






# S-SERIES

Cost-effective Lite AI


Model	IPC4BF2R4-I1-TML	IPC4TF4R4-I1-TML	IPC4DF2R4-I1-TML	IPC4BV2R4-I1-TMLZ
Image				
Image Sensor	1/2.7" Progressive scan CMOS Sensor			
Resolution	4M(2688 × 1520)			
Min. Illumination	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: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°
Illumination Distance	40m	30m	30m	70m
WDR	120dB			
Video Compression	H.264/H.265/264+/265+/MJPEG			
Frame Rate	4MP@(1~20fps) 2MP@(1~30fps)			
Streams	2			
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0			
Local Storage	Micro SD, up to 256GB			
Built-in Mic	Support			
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)			
Power Supply	DC12V ± 25%, PoE (802.3af)			
Protection Level	IP67	IP67	IP67, IK10	IP67

# S-SERIES

Cost-effective Lite AI


Model	IPC4TV2R4-I1-TMLZ	IPC4DV2R4-I1-TMLZ	IPC4BF2R4-I1-TMCR	IPC4TF4R4-I1-TMCR	IPC4DF2R4-I1-TMCR
Image					
Image Sensor	1/2.7" Progressive scan CMOS Sensor				
Resolution	4M(2688 × 1520)				
Min. Illumination	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	Fixed focal lens, 2.8mm@F1.6
FOV	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 112°~35.5° vertical FOV: 59°~20° diagonal FOV: 134°~41°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°	horizontal FOV: 111° vertical FOV: 60° diagonal FOV: 132°
Illumination Distance	50m	50m	30m (IR light) 30m (warm light)	30m (IR light) 30m (warm light)	30m (IR light) 30m (warm light)
WDR	120dB				
Video Compression	H.264/H.265/264+/265+/MJPEG				
Frame Rate	4MP@(1~20fps) 2MP@(1~30fps)				
Streams	2				
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0				
Local Storage	Micro SD, up to 256GB				
Built-in Mic	Support				
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)				
Power Supply	DC12V ± 25%, PoE (802.3af)				
Protection Level	IP67	IP67, IK10	IP67	IP67	IP67, IK10

# PTZ


Model	IPT651R4-Z25-I2-TP		
Image			
Image Sensor	1/2.8" CMOS Sony Sensor	Illumination Distance	150M
Resolution	5MP(2592 x 1944)	WDR	120dB
Min. Illumination	Color: 0.005 lux@F1.6 B/W: 0.0005 lux@F1.6 0 lux (IR light on)	Video Compression	H.264/H.265/264+/265+/MJPEG
Lens	5.3 mm-130 mm	Frame Rate	5M@(1-30fps) 4M/1080P/720P@(1-25/30fps)
Max. Aperture	F1.6-F4.3	Streams	3
FOV	H: 55.8°-2.4°; V: 31.9°-1.3°; D: 63.7°-2.7°	Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Optical Zoom	25X	Auto Tracking	Yes
Close Focus Distance	0.8 m-5.0 m	Audio I/O	1/1, Two-way Audio
Pan/Tilt Range	Pan: 0° to 360° endless; Tilt: -15° to +90°, auto flip 180°	Alarm I/O	2/1
Manual Control Speed	Pan: 0.1°/s-300°/s; Tilt: 0.1°/s-200°/s	Operating Conditions	-40°C ~ 70°C (-40°F ~ 158°F) Humidity 95% or less (non-condensing)
Preset Speed	Pan: 400°/s; Tilt: 300°/s	Power Supply	24 VDC, 2.5 A (± 25%); PoE +(802.3af)
Preset	300	Protection Level	IP67; IK10; TVS 6000 V lightning proof; surge protection; voltage transient protection
Tour	8 (up to 32 presets per tour)		
Pattern	5		
Scan	5		
Power-off Memory	Yes		
Idle Motion	Preset; Pattern; Tour; Scan		

IPC

# Special

Model	IPC8FE1R6-I2-TPMS
Image	
Image Sensor	1/2.5" Progressive scan CMOS Sensor
Resolution	2560 x 2560
Min. Illumination	0.068lux@F2.0, AGC ON; 0 lux with IR
Lens	1.68mm @F2.0
FOV	horizontal field of view: 180° (desktop) 180° (ceiling mounting)
Illumination Distance	30m
WDR	DWDR
Video Compression	H.264/H.265/264+/265+/MJPEG
Frame Rate	Fisheye+panorama+3 PTZ: 30fps@(2560 x 2560/1920 x 1920), 15fps@(1920 x 1080/704 x 480),15fps@(960 x 540/480 x 240)*3  Fisheye+4 PTZ: 30fps@(2560 x 2560/1920 x 1920),15fps@(960 x 540/480 x 240)*4
Streams	2
Smart Functions	Smart Motion Detection, Perimeter Protection 2.0, Face Detection
Local Storage	up to 256GB
Audio I/O	1/1, Built-in Mic, Support Speaker
Alarm I/O	1/1
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%, PoE (802.3af)
Protection Level	IP67, IK10

# Special

Model	IPC8MSB2R8-I2-TPMSC
Image	
Image Sensor	2 x 1/1.8" Progressive scan CMOS Sensor
Resolution	5120 x 1440 32:9
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Lens	4mm
FOV	H: 180°+/-10°, V: 44°
Illumination Distance	Warm Light, Up to 40 m
WDR	130dB
Video Compression	H.264/H.264+/H.265/H.265+/MJPEG
Frame Rate	WDR is On: (5120 x 1440)@15fps WDR is Off: (5120 x 1440)@20fps
Streams	2
Smart Functions	Smart Motion Detection, Perimeter Protection
Local Storage	up to 256GB
Audio I/O	1/1, Built-in Mic Speaker: Max. power consumption: 1W, max. sound pressure: 10 cm: 97 dB
Alarm I/O	1/1
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%, PoE (802.3af)
Protection Level	IP67

IPC

# 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.

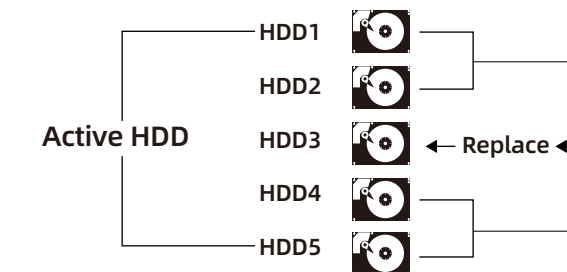


# Homaxi

## FEATURES

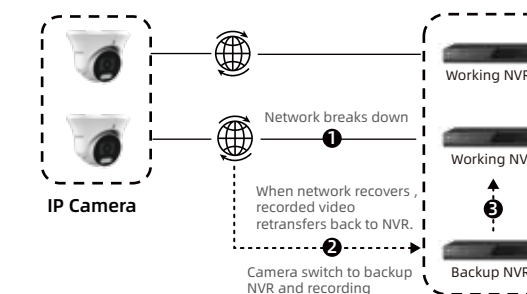
### Raid 0, 1, 5, 10

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.



Network Video Recorders			
Model	NVR808E-32	NVR604E-32	NVR604E-32P16
Image			
IP Video Input	32CH	32CH	32CH
Audio Input	1CH		
Incoming Bandwidth	256Mbps		
HDMI	1CH*4K ; 1CH*1080P	1CH*4K ; 1CH*1080P	1CH*4K
VGA	1CH*1080P		
Audio Output	2CH	2CH	1CH
Outgoing Bandwidth	256Mbps		
Decoding Capability	2CH 12MP@20fps 4CH 4K@30fps ; 6CH 5M@30fps 8CH 4M@30fps ; 16CH 1080P@30fps		
HDD	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		
Hot Spare	YES	YES	N/A
ANR	YES		
Ethernet	2 x RJ-45 1000Mbps	2 x RJ-45 1000Mbps	1 x RJ-45 1000Mbps
POE Port	N/A	N/A	16P
USB Interface	Front panel: 2 x USB 2.0 ; Rear panel: 1 x USB 3.0		
RS-485	2		
Alarm I/O	16/4		
Power Supply	AC 100~240V		
Power Consumption	≤30W(without HDD)	≤30W(without HDD)	≤30W(without HDD and POE)
Working Environment	-10°C~55°C / 10%~90%RH		
Dimension (WxDxH)	440x452x90mm	440x448x70mm	440x448x70mm
Weight	7.9kg	6.1kg	6.3kg

NVR

Network Video Recorders					
Model	NVR604E-16P16	NVR602S-16P16	NVR602S-8P8	NVR401S-8P8	Model
Image					Image
IP Video Input	16CH	16CH	8CH	8CH	IP Video Input
Audio Input	1CH				Audio Input
Incoming Bandwidth	160Mbps	160Mbps	80Mbps	80Mbps	Incoming Bandwidth
HDMI	1CH*4K	1CH*4K	1CH*4K	1CH*4K	HDMI
VGA	1CH*1080P				VGA
Audio Output	1CH				Audio Output
Outgoing Bandwidth	256Mbps	80Mbps	80Mbps	80Mbps	Outgoing Bandwidth
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			Decoding Capability
HDD	4 SATA interface ; 1 eSATA interface	2 SATA interface	2 SATA interface	1 SATA interface	HDD
Capacity	Up to 10TB capacity for each HDD				Capacity
Hot Spare	N/A				Hot Spare
ANR	YES				ANR
Ethernet	1 x RJ-45 1000Mbps				Ethernet
POE Port	16P	16P	8P	8P	POE Port
USB Interface	Front panel: 2 x USB 2.0 Rear panel: 1 x USB 3.0	Front panel: 1 x USB 2.0 Rear panel: 1 x USB 2.0	Front panel: 1 x USB 2.0 Rear panel: 1 x USB 2.0	Front panel: 1 x USB 2.0 Rear panel: 1 x USB 2.0	USB Interface
RS-485	2	1	1	N/A	RS-485
Alarm I/O	16/4	4/1	4/1	N/A	Alarm I/O
Power Supply	AC 100~240V	AC 100~240V	AC 100~240V	DC48V 2.5A	Power Supply
Power Consumption	≤30W(without HDD and POE)	≤15W(without HDD and POE)	≤15W(without HDD and POE)	≤10W(without HDD and POE)	Power Consumption
Working Environment	-10°C~55°C / 10%~90%RH				Working Environment
Dimension (WxDxH)	440x448x70mm	380x305x45mm	380x305x45mm	250x230x45mm	Dimension (WxDxH)
Weight	6.3kg	3.6kg	3.4kg	1.7kg	Weight

NVR

# 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.

Homaxi



# Full Color Cameras

## More Details



## Better Visual Experience



## True Color Informations

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.







## 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						Homaxi
Model	UVC6BF2T	UVC6TF2T	UVC6DF2T	UVC6BV2T-Z	UVC6TV2T-Z	UVC6DV2T-Z
Image						
Image Sensor	1/2.8" CMOS Sensor					
Signal System	PAL/NTSC					
Effective Pixels	3840(H) × 2160(V)					
Electronic Shutter	AUTO/ 1/50 (1/60) -1/50,000sec					
Min. Illumination	0.1Lux@(F1.2, AGC ON), 0LUX with IR					
Video Frame Rate	PAL/NTSC: 8MP@15fps					
Video Output	AHD/TVI/CVI/CVBS					
S/N Ratio	≥50dB					
Noise Reduction	3D DNR					
Day&Night	EXT/Auto/Color/B&W					
White Balance	ATW	ATW	ATW	ATB	ATB	ATW
WDR	WDR	WDR	WDR	120dB True WDR	120dB True WDR	WDR
IR LED	2pcs SMD LED	2pcs SMD LED	15pcs SMD LED	4pcs SMD LED	4pcs SMD LED	24pcs SMD LED
IR Range	30M	30M	20M	60M	60M	30M
Focal Length	2.8mm/3.6mm Fixed Lens			2.7-13.5 Motorized Lens		
Angle of View	2.8mm: Horizontal FOV: 109°, Vertical FOV: 63°, Diagonal FOV: 125° 3.6mm: Horizontal FOV: 92°, Vertical FOV: 51°, Diagonal FOV: 105°	2.8mm: Horizontal FOV: 109°, Vertical FOV: 63°, Diagonal FOV: 125° 3.6mm: Horizontal FOV: 92°, Vertical FOV: 51°, Diagonal FOV: 105°	2.8mm: Horizontal FOV: 109°, Vertical FOV: 63°, Diagonal FOV: 125° 3.6mm: Horizontal FOV: 92°, Vertical FOV: 51°, Diagonal FOV: 105°	Horizontal FOV: 112~34° Vertical FOV: 60~22° Diagonal FOV: 127~40°	Horizontal FOV: 112~34° Vertical FOV: 60~22° Diagonal FOV: 127~40°	Horizontal FOV: 112~34° Vertical FOV: 60~22° Diagonal FOV: 127~40°
Lens Type	Fixed Iris					
Mount Type	M12			Φ14		
Protection Level	IP67	IP67	IP67, IK10	IP67	IP67	IP67, IK10
Housing Material	Metal					
Power Supply	DC12V(±10%)					
Power Consumption	<5W	<5W	<5W	<12W	<12W	<12W
Working Environment	-40°C~60°C / RH95% MAX					

Homaxi						HD Analog Cameras
UVC6BF2U	UVC6TF2U	UVC6DF2U	UVC6BV2U	UVC6TV2U	UVC6DV2U	Model
						Image
1/2.7" CMOS Sensor						Image Sensor
PAL/NTSC						Signal System
2592(H) × 1944(V)						Effective Pixels
AUTO/ 1/50(1/60)-1/50,000sec						Electronic Shutter
0.01Lux@(F1.2, AGC ON), 0LUX with IR						Min. Illumination
PAL/NTSC: 5MP@20fps						Video Frame Rate
AHD / TVI / CVI / CVBS						Video Output
≥50dB						S/N Ratio
2D DNR						Noise Reduction
EXT/Auto/Color/B&W						Day&Night
ATW/Manual						White Balance
D-WDR						WDR
2pcs SMD LED	2pcs SMD LED	3pcs SMD LED	4pcs SMD LED	4pcs SMD LED	24pcs SMD LED	IR LED
30M	30M	30M	60M	60M	30M	IR Range
2.8mm/3.6mm Fixed Lens			3.3-12mm Manual Zoom Lens			Focal Length
2.8mm: Horizontal FOV: 100° Vertical FOV: 54° Diagonal FOV: 114°	3.6mm: Horizontal FOV: 90° Vertical FOV: 47° Diagonal FOV: 102°	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°	Angle of View
Fixed Iris						Lens Type
M12			Φ14			Mount Type
IP67	IP67	IP67, IK10	IP67	IP67	IP67, IK10	Protection Level
Metal + Plastic	Metal + Plastic	Metal	Metal	Metal	Metal	Housing Material
DC12V(±10%)						Power Supply
<8W	<8W	<6W	<12W	<12W	<8W	Power Consumption
-40°C~60°C / RH95% MAX						Working Environment

HD Analog Cameras		Homaxi	
Model	UVC6BF2U-CM	UVC6TF2U-CM	
Image			
Image Sensor	1/2.7" CMOS Sensor		
Signal System	PAL/NTSC		
Effective Pixels	2560 (H) × 1665 (V)		
Electronic Shutter	AUTO/ 1/50(1/60)-1/50,000sec		
Min. Illumination	0.01Lux@(F1.2,AGC ON), 0Lux with IR		
Video Frame Rate	PAL/NTSC: 5MP@20fps		
Video Output	AHD / TVI / CVI / CVBS		
MIC	Support(only in TVI mode)		
S/N Ratio	≥50dB		
Noise Reduction	2D DNR		
Day&Night	Full Color		
White Balance	ATW/Manual		
WDR	D-WDR		
IR LED	2pcs Warm Light		
IR Range	20M		
Focal Length	2.8mm/3.6mm F1.0 Fixed Lens		
Angle of View	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		
Mount Type	M12		
Protection Level	IP67		
Housing Material	Metal		
Power Supply	DC12V(±10%)		
Power Consumption	<8W		
Working Environment	-40°C~60°C / RH95% MAX		

Homaxi			HD Analog Recorders	
UVR602-16U	UVR601-08U	UVR601-04U	Model	
			Image	
16CH	8CH	4CH	Video Input	
	8MP, 5MP, 4MP, 1080P, 720P		TVI Input	
	8MP, 4MP, 1080P, 720P		CVI Input	
	8MP, 5MP, 4MP, 1080P, 720P		AHD Input	
	Support		CVBS Input	
	1ch		Audio Input	
	1CH*4K		HDMI	
	1CH*1080P		VGA	
	1CH, BNC(1.0Vp-p,75Ω), PAL: 704x576, NTSC: 704x480		CVBS output	
	1CH		Audio Output	
	H.265/H.265+/H.264/H.264+		Video Compression	
	8MP@7fps, 8MP-N@15fps, 5MP@12fps, 4MP@15fps, 1080P/720P/960H/D1@25fps(P)/30fps(N)		Resolution	
	11Kbps~ 6769Kbps		Video Bit Rate	
	G.711a		Audio Compression	
8CH 8MP Playback 8CH 8MP-N Playback	4CH 8MP Playback 8CH 8MP-N Playback	4CH 8MP Playback 4CH 8MP-N Playback	Playback Number	
16CH	8CH	4CH	SMD Plus	
4CH	2CH	1CH	Perimeter Protection	
4CH	2CH	1CH	Face Detection	
2 SATA interfaces	1 SATA interfaces	1 SATA interfaces	SATA	
	Up to 8TB capacity for each HDD		Capacity	
	1*Standard RS-485(half-duplex)		Serial Interface	
1 RJ-45 1000Mbps	1 RJ-45 1000Mbps	1 RJ-45 100Mbps	Ethernet	
Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0	USB Interface	
16/4	4/1	4/1	Alarm I/O	
DC12V, 5A	DC12V, 2A	DC12V, 2A	Power Supply	
	≤10W(without HDD)		Power Consumption	
	-10°C~+55°C / 10%~90%RH		Working Environment	
380 × 305 × 45mm	315 × 240 × 45mm	315 × 240 × 45mm	Dimensions	
2.8kg	2.3kg	2.1kg	Weight	



# ACCESSORIES

## CAMERA BRACKET



**Junction Box**  
AC-JB02  
Φ112.5×49.5mm



**Junction Box**  
AC-JB04  
Φ142×46.5mm



**Pendent Mount**  
AC-CMU02  
AC-CMP07



**Pole Mount**  
AC-PM02



**Wall Mount**  
AC-WM04  
Φ136×120×208mm



**Wall Mount**  
AC-WM04-G  
Φ136×120×208mm

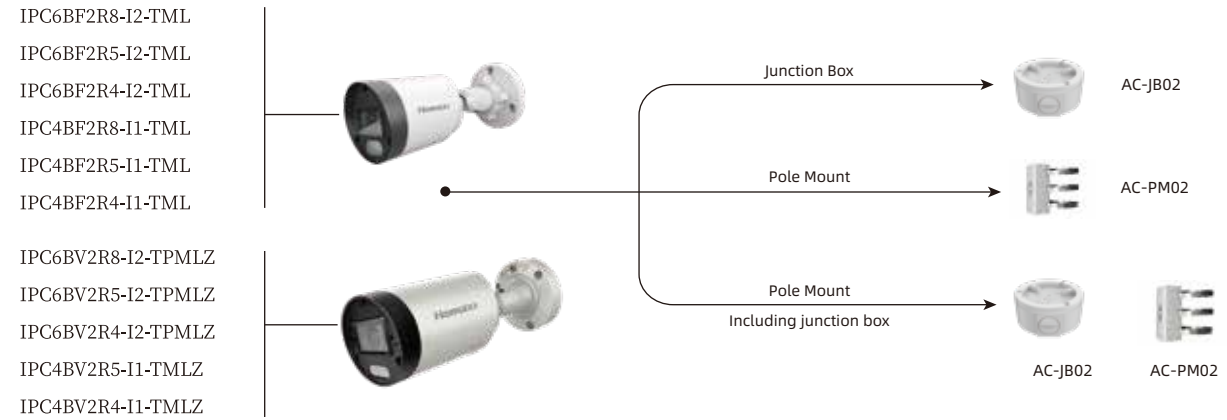


**Wall Mount**  
AC-WM02  
Φ120×105.8×183.5mm



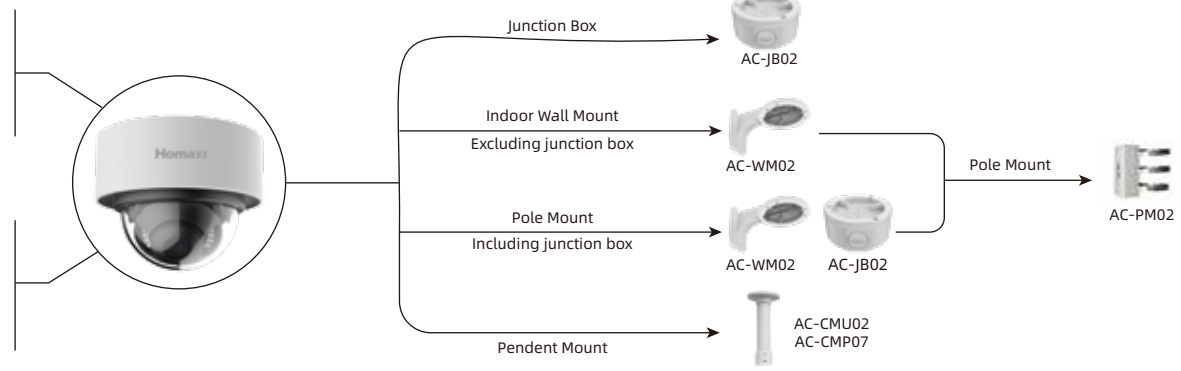
**Wall Mount**  
AC-WM02-G  
Φ120×105.8×183.5mm

# Bullet Camera Mount



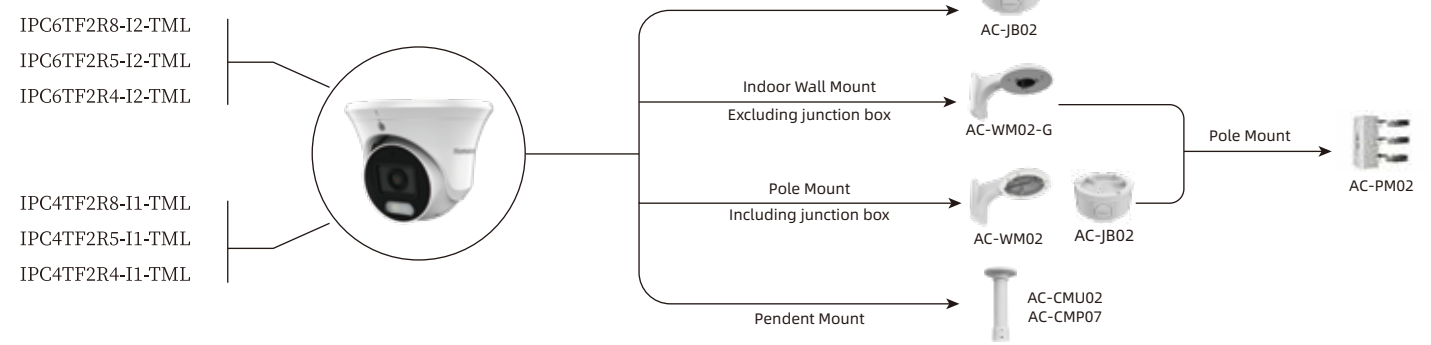
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- IPC8DF2R4-I2-TPMC
- IPC6DF2R8-I2-TML
- IPC6DF2R5-I2-TML

- IPC6DF2R4-I2-TML
- IPC4DF2R8-I1-TML
- IPC4DF2R5-I1-TML
- IPC4DF2R4-I1-TML

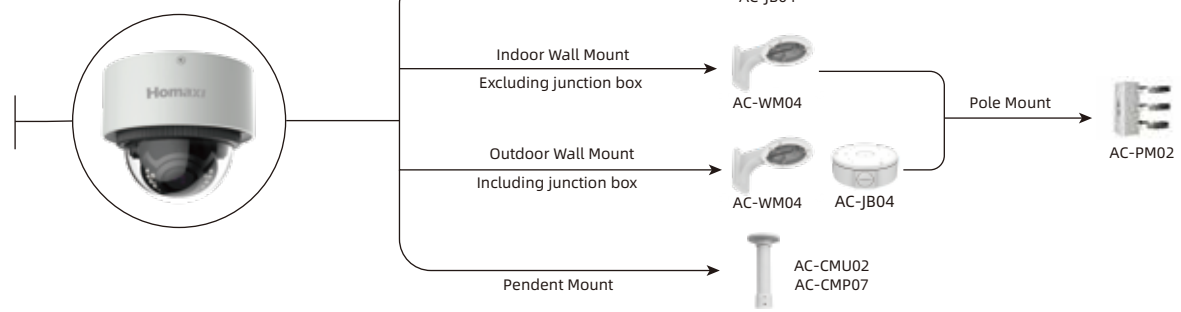


# Fixed Dome Camera Mount

# Fixed Turret Camera Mount

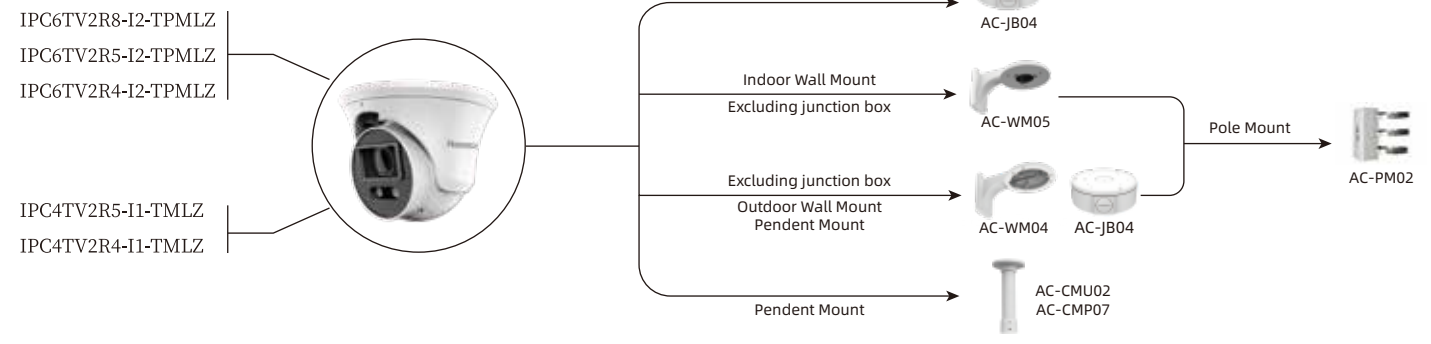


- IPC8DV4R8-I2-TPMCZ
- IPC8DV4R4-I2-TPMCZ



# Motorized Dome Camera Mount

# Motorized Turret Camera Mount



- IPC6TV2R8-I2-TPMLZ
- IPC6TV2R5-I2-TPMLZ
- IPC6TV2R4-I2-TPMLZ

- IPC4TV2R5-I1-TMLZ
- IPC4TV2R4-I1-TMLZ

