

The logo for ZKTeco, featuring the letters 'ZKT' in a bold, black, sans-serif font, followed by 'eco' in a green, italicized, sans-serif font. The background of the entire page is a light blue and white digital-themed illustration with a city skyline at the bottom, a network of nodes and lines, and large, faint, overlapping circles in the upper left.

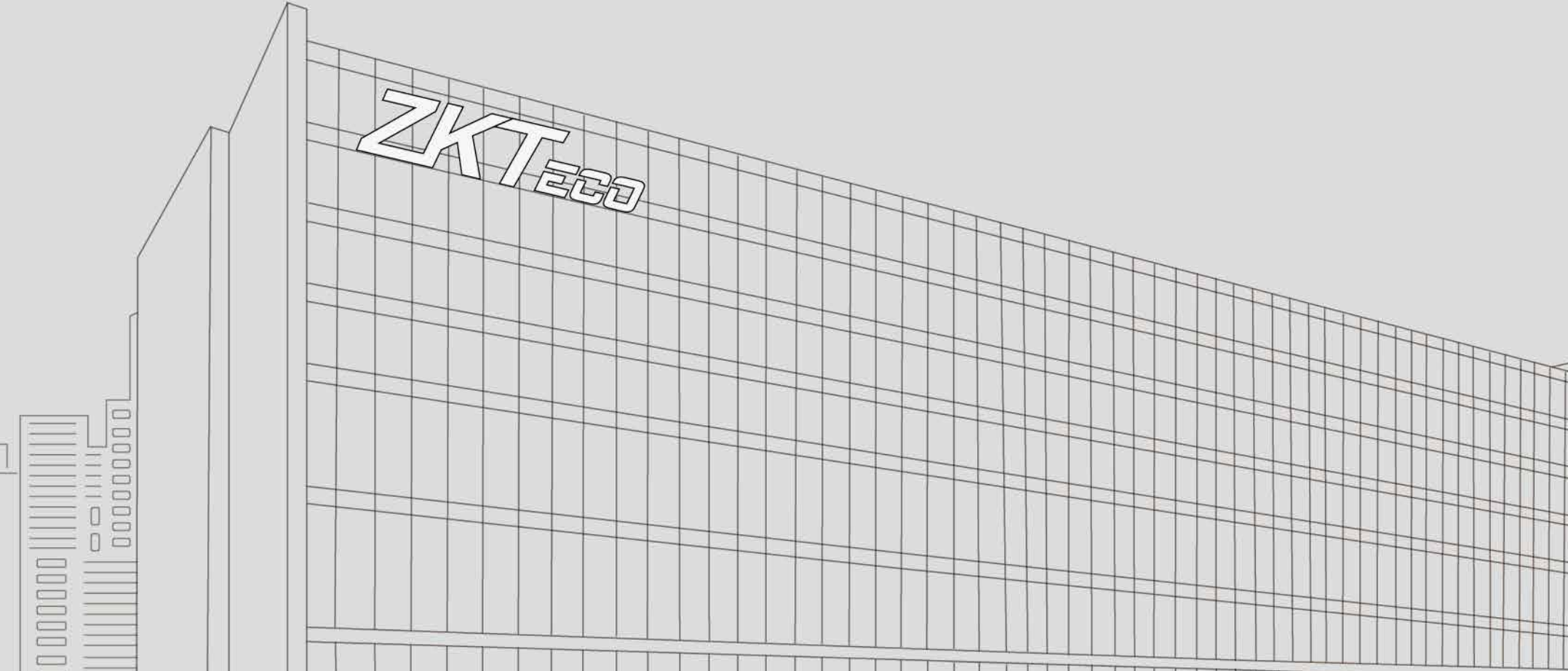
VIDEO SURVEILLANCE PRODUCTS CATALOGUE

2022.Q4

ZKTECO CCTV Introduction

ZKTECO CO., LTD. (ZKTeco) is an internationally renowned enterprise which specializes in pioneering biometric recognition techniques, and provides products and solutions of smart entrance&exit management, smart identity authentication and smart office.

As the sub-division of smart entrance&exit management solution, ZKTeco smart video surveillance product line provides a wide range selection of Network cameras, Network Video Recorders, Network PTZ and related Switches, LED monitors, Decoders, Splicing screens, Network cables, etc, and comprehensive solution based on ZKBio Access and ZKBio CVsecurity empowered by ZKTeco cutting edge deep-learning algorithm of Human/Vehicle intelligence to satisfy various requirements and applications.



ZKTeco

CATALOGUE

**Network
Camera**

P3



**Network PTZ
Camera**

P21



**Network Video
Recorder**

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Related products

P47



Accessories

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Software

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«« ZKTECO CCTV Highlighted Features



4K

Crystal clear image up to 4K resolution to see more details.



WDR

Powered by ZKTeco strong ISP algorithm, ZKTeco cameras promise to present excellent picture images at extreme contrast lighting environment.



Super Starlight

ZKTeco Super Starlight cameras provide crystal clear and color image under up to 0.0001 Lux(F1.0)



ANR

While the connection lost between IPC and NVR, the video will be saved in SD card. The saved video will be sent back to NVR when network recovers.



ONVIF

Complied with Onvif Profile S/G/T.



Smart 265+

Delivering high quality video with up to 70% lower bandwidth. Smart H.265+ is the optimized evolution of H.265 and traditional H.264.



24-hour full color

Full Color series can realize 24-hour continuous full color monitoring to reach colorful night-vision.



Built-in Mic and SD Card Slot (Max 256GB)

With Built-in Mic and SD Card slot supported to develop more effective solution of two-way talkback and local storage.



HTML5

New technology HTML5, compatible with multiple browsers



Human/Vehicle Intelligence

Biosense IP cameras and NVR supporting Target counting, Line crossing detection, Area intrusion detection, Motion detection based on Human/Vehicle Intelligence.



Smart search

Search the footage by smart functions such as face detection, Human/Vehicle classification, face retrieval etc.



Fisheye

Support Dewarp and up to 4K resolution.



Wide Temperature Range

With working temperature range -30°C to 60°C , ZKTeco camera works well in a variety of harsh outdoor environments.



Wide Voltage Range

Support $\pm 30\%$ input voltage tolerance, it could work safely in extreme unstable power condition.



Defog

Powered by defog function, it enhances the image transparency and sharpness.



Surge Protection

6KV lightning proof design promises ZKTeco cameras could work safely in all-weather.



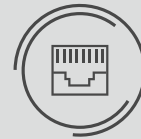
P2P Cloud service (Anteview Pro+)

AntarView Pro Cloud supports iOS/Android, access the devices streaming at anytime & anywhere.



Plug and Play

IP cameras settings as easy as normal HD analog system.



Super PoE

Up to 250 meters PoE transmission distance, much powerful than regular 100 meters.



RAID

RAID 0, 1, 5, 6, 10 are available for 4HDD above storage server.



IP67

With precise mechanical and rugged casing design, ZKTeco camera stands against water and dust with industrial IP67 rank.



Network Camera

- Mstar Lite series Network Camera
- Mstar Pro series Network Camera
- Full Color series Network Camera
- BioSense series Network Camera

Mstar Lite series Network Camera

Excellent Image





2MP/4MP High Definition

Face Capture

Best Cost-Effective





Mstar Lite series Network Camera

2MP Fixed Lens

Model	ES-852021B-S5	ES-852022B-S5	BS-852022B-S5	BS-852023B-S5
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)
Focal Lens	2.8mm	3.6mm	3.6mm	6mm
FOV	105°	92°	90°	59°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal+plastic	Metal+plastic	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Ø85.65 * 95	Ø85.65 * 95	145 * 65 * 65	145 * 65 * 65





Mstar Lite series Network Camera

2MP Fixed Lens

Model	ES-852021C-S5	ES-852022C-S5	BS-852022C-S5	BS-852023C-S5
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0 (IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0 (IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0 (IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0 (IR ON)
Focal Lens	2.8mm	3.6mm	3.6mm	6mm
FOV	105°	92°	90°	59°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66





Mstar Lite series Network Camera

2MP Fixed Lens with Built-in Mic

Model	ES-852021C-S5-MI	ES-852022C-S5-MI	BS-852022C-S5-MI	BS-852023C-S5-MI
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)
Focal Lens	2.8mm	3.6mm	3.6mm	6mm
FOV	105°	92°	90°	59°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66




Mstar Lite series Network Camera

2MP Fixed Lens with Built-in Mic and SD card slot

Model	ES-852021T-S5-MI	ES-852022T-S5-MI	BS-852022T-S5-MI	BS-852023T-S5-MI
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)
Focal Lens	2.8mm	3.6mm	3.6mm	6mm
FOV	105°	92°	90°	59°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	N/A	N/A	N/A	N/A
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ97.00 * 88.50	Φ97.00 * 88.50	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20





Mstar Lite series Network Camera

2MP Motorized Lens

Model	BL-852038S-S5	EL-852038I-S5	DL-852028B-S5
Picture			
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.5Lux@F1.7~3.0 (AGC ON) B/W: 0.001Lux@F1.7~3.0 (IR ON)	Color: 0.5Lux@F1.7~3.0 (AGC ON) B/W: 0.001Lux@F1.7~3.0 (IR ON)	Color: 0.5Lux@F1.7~3.0 (AGC ON) B/W: 0.001Lux@F1.7~3.0 (IR ON)
Focal Lens	3.35mm~10.05mm	3.35mm~10.05mm	3.35mm~10.05mm
FOV	38°~101°	38°~101°	38°~101°
Max.IR Distance	50m	50m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection
Audio In/Out	1/0	1/0	1/0
Alarm In/Out	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A
Casing	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Φ111.6 * 105	Φ102 * 93.3





Mstar Lite series Network Camera

4MP Fixed Lens

Model	ES-854N21B-S7	ES-854N22B-S7	BS-854N22B-S7	BS-854N23B-S7
Picture				
Image Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor
Max. Resolution	4MP(2560*1440)	4MP(2560*1440)	4MP(2560*1440)	4MP(2560*1440)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (AGC ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
Focal Lens	2.8mm	3.6mm	3.6mm	6mm
FOV	103°	93°	90°	56°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	N/A	N/A	N/A	N/A
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal + Plastic	Metal + Plastic	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ85.65 * 95	Φ85.65 * 95	145 * 65 * 65	145 * 65 * 65




Mstar Lite series Network Camera

4MP Fixed Lens

Model	ES-854N21C-S7	ES-854N22C-S7	BS-854N22C-S7	BS-854N23C-S7
Picture				
Image Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor
Max. Resolution	4MP(2560*1440)	4MP(2560*1440)	4MP(2560*1440)	4MP(2560*1440)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
Focal Lens	2.8mm	3.6mm	3.6mm	6mm
FOV	103°	93°	90°	56°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	N/A	N/A	N/A	N/A
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66

Mstar Lite series Network Camera

4MP Motorized Lens

Model	BL-854N385-S7	EL-854N381-S7	DL-854N28B-S7
Picture			
Image Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor	1/3"CMOS Sensor
Max. Resolution	4MP(2560*1440)	4MP(2560*1440)	4MP(2560*1440)
Min.Illumination	Color: 0.01Lux@F1.2-2.2 (AGC ON) B/W: 0.001Lux@F1.2-2.2 (IR ON)	Color: 0.01Lux@F1.2-2.2 (AGC ON) B/W: 0.001Lux@F1.2-2.2 (IR ON)	Color: 0.01Lux@F1.2-2.2 (AGC ON) B/W: 0.001Lux@F1.2-2.2 (IR ON)
Focal Lens	2.8-12mm	2.8-12mm	2.8-12mm
FOV	37°~98°	37°~98°	37°~98°
Max.IR Distance	50m	50m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A	Main Stream:4MP@20fps / 3MP@25fps / 1080P@25fps / 960P@25fps / 720P@25fps Sub Stream:D1@25fps / VGA@25fps / CIF@25fps Third Stream :N/A
WDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support
Intelligent Video	N/A	N/A	N/A
Audio In/Out	1/0	1/0	1/0
Alarm In/Out	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A
Casing	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Φ111.6 * 105	Φ102 * 93.3

Mstar Pro series Network Camera

High Definition up to 4k





Excellent Night Vision & True WDR

Face Capture & Face Recognition

Wide Selection





Mstar Pro Series Network Camera

2MP Fixed Lens

Model	BS-852T22C-S6	BS-852T23C-S6	ES-852T21C-S6	ES-852T22C-S6
Picture				
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	2.8mm	3.6mm
FOV	85°	60°	110°	90°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576) @25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576) @25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576) @25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576) @25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Recognition	Face Recognition	Face Recognition	Face Recognition
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30~60°C	-30~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107






Mstar Pro Series Network Camera

2MP Fixed Lens with Built-in Mic

Model	BS-852T22C-S6-MI	BS-852T23C-S6-MI	ES-852T21C-S6-MI	ES-852T22C-S6-MI
Picture				
Image Sensor	1/2.8"2MP Sony STARVIS CMOS	1/2.8"2MP Sony STARVIS CMOS	1/2.8"2MP Sony STARVIS CMOS	1/2.8"2MP Sony STARVIS CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.0001Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	2.8mm	3.6mm
FOV	85°	60°	110°	90°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Recognition	Face Recognition	Face Recognition	Face Recognition
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107





Mstar Pro Series Network Camera

2MP Motorized Lens

Model	BL-852T48S-S6	EL-852T38I-S6	DL-852T28B-S6	BL-852T48A-S6	BL-852T50A-S6
Picture					
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.01Lux@F1.7~3.0 (AGC ON) B/W: 0.0001Lux@F1.7~3.0 (IR ON)	Color: 0.01Lux@F1.7~3.0 (AGC ON) B/W: 0.0001Lux@F1.7~3.0 (IR ON)	Color: 0.01Lux@F1.7~3.0 (AGC ON) B/W: 0.0001Lux@F1.7~3.0 (IR ON)	Color: 0.01Lux@F1.7~3.0 (AGC ON) B/W: 0.0001Lux@F1.7~3.0 (IR ON)	Color: 0.01Lux@F1.7~3.0 (AGC ON) B/W: 0.0001Lux@F1.7~3.0 (IR ON)
Focal Lens	3.35mm~10.05mm	3.35mm~10.05mm	3.35mm~10.05mm	3.35mm~10.05mm	5.15mm~47.38mm
FOV	38°~107°	38°~107°	38°~107°	38°~107°	8°~60°
Max.IR Distance	80m	50m	30m	80m	100m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps/Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps/Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps/Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps/Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps/Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support	Support
Intelligent Video	Face Recognition	Face Recognition	Face Recognition	Face Recognition	Face Recognition
Audio In/Out	1/0	1/0	1/1	1/1	1/1
Alarm In/Out	N/A	N/A	2/1	2/1	2/1
Memory Slot	N/A	N/A	Support (Max 256GB)	Support (Max 256G)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Ø111.6 * 105	Ø102 * 93.2	246 * 85 * 76	246 * 85 * 76





Mstar Pro Series Network Camera

5MP Fixed Lens

Model	BS-855P22C-S7	BS-855P23C-S7	ES-855P22C-S7	ES-855P21C-S7
Picture				
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	87°	68°	90°	115°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1 @25fps / VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1 @25fps / VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1 @25fps / VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1 @25fps / VGA@25fps/CIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107





Mstar Pro Series Network Camera

5MP Fixed Lens with built-in Mic and SD card slot

Model	ES-855P22T-S7-MI	ES-855P21T-S7-MI	BS-855P22T-S7-MI	BS-855P23T-S7-MI
Picture				
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
Focal Lens	3.6mm	2.8mm	3.6mm	6mm
FOV	90°	115°	87°	68°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ97.00 * 85.50	Φ97.00 * 85.50	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20




Mstar Pro Series Network Camera

5MP Fixed Lens with built-in Mic

Model	BS-855P22C-S7-MI	BS-855P23C-S7-MI	ES-855P22C-S7-MI	ES-855P21C-S7-MI
Picture				
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	87°	68°	90°	115°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream :N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps /1080P@25fps/ 960P@25fps /720P@25fps Sub Stream:D1@25fps /VGA@25fps/CIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107




Mstar Pro Series Network Camera

5MP Motorized Lens

Model	BL-855P48S-S7	DL-855P28B-S7	BL-855P48A-S7
Picture			
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max. Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.01Lux@F1.7~3.3 (AGC ON) B/W: 0.001Lux@F1.7~3.3 (IR ON)	Color: 0.01Lux@F1.7~3.3 (AGC ON) B/W: 0.001Lux@F1.7~3.3 (IR ON)	Color: 0.01Lux@F1.7~3.3 (AGC ON) B/W: 0.001Lux@F1.7~3.3 (IR ON)
Focal Lens	3.6mm~10.8mm	3.6mm~10.8mm	3.6mm~10.8mm
FOV	35°~95°	35°~95°	35°~95°
Max.IR Distance	80m	30m	80m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps/1080P@25fps/960P@25fps/720P@25fps Sub Stream:D1@25fps / VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps/1080P@25fps/960P@25fps/720P@25fps Sub Stream:D1@25fps / VGA@25fps/CIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/4MP@25fps/3MP@25fps/1080P@25fps/960P@25fps/720P@25fps Sub Stream:D1@25fps / VGA@25fps/CIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection
Audio In/Out	1/0	1/0	1/0
Alarm In/Out	N/A	2/1	2/1
Memory Slot	N/A	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Φ102 * 93.3	246 * 85 * 76




Mstar Pro Series Network Camera

8MP Fixed Lens

Model	BS-858M22C-S8	BS-858M23C-S8	DL-858M22B-S8
Picture			
Image Sensor	1/2.7" Sony CMOS	1/2.7" Sony CMOS	1/2.7" Sony CMOS
Max. Resolution	8MP (3840*2160)	8MP (3840*2160)	8MP (3840*2160)
Min.Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm
FOV	95°	60°	95°
Max.IR Distance	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:8MP@20fps/5M@25fps/ 4MP@25fps/2MP@25fps Sub Stream:D1@25fps /VGA@25fps / CIF@25fps Third Stream: N/A	Main Stream:8MP@20fps/5M@25fps/ 4MP@25fps /2MP@25fps Sub Stream:D1@25fps /VGA@25fps / CIF@25fps Third Stream: N/A	Main Stream:8MP@20fps/5M@25fps/ 4MP@25fps /2MP@25fps Sub Stream:D1@25fps /VGA@25fps / CIF@25fps Third Stream: N/A
WDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection
Audio In/Out	1/1	1/1	1/1
Alarm In/Out	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A
Casing	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ102 * 93.3

Mstar Pro Series Network Camera

8MP Motorized Lens

Model	BL-858M48S-S8	DL-858M28B-S8	BL-858M48A-S8
Picture			
Image Sensor	1/2.7" Sony CMOS	1/2.7" Sony CMOS	1/2.7" Sony STARVIS CMOS
Max. Resolution	8MP (3840*2160)	8MP (3840*2160)	8MP (3840*2160)
Min.Illumination	Color: 0.01Lux@F1.6-3.3 (AGC ON) B/W: 0.001Lux@F1.6-3.3 (IR ON)	Color: 0.01Lux@F1.6~3.3 (AGC ON) B/W: 0.001Lux@F1.6~3.3 (IR ON)	Color: 0.01Lux@F1.6-3.3 (AGC ON) B/W: 0.001Lux@F1.6-3.3 (IR ON)
Focal Lens	3.2~10.05mm	3.2~10.05mm	3.2~10.05mm
FOV	36°~107°	36°~107°	36°~107°
Max.IR Distance	80m	30m	80m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:8MP@20fps/5M@25fps/ 4MP@25fps /2MP@25fps Sub Stream:D1@25fps /VGA@25fps / CIF@25fps Third Stream: N/A	Main Stream:8MP@20fps/5M@25fps/ 4MP@25fps /2MP@25fps Sub Stream:D1@25fps /VGA@25fps / CIF@25fps Third Stream: N/A	Main Stream:8MP@20fps/5M@25fps/ 4MP@25fps /2MP@25fps Sub Stream:D1@25fps /VGA@25fps / CIF@25fps Third Stream: N/A
WDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection
Audio In/Out	1/1	1/1	1/1
Alarm In/Out	2/1	N/A	2/1
Memory Slot	N/A	N/A	N/A
Casing	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Φ102 * 93.3	246 * 85 * 76

Full Color Network Camera

Colorful and vivid image





Starlight & True WDR

Face Capture

Wide Selection





Full Color Network Camera

2MP Fixed Lens

Model	ES-852012C-S5-C	ES-852011C-S5-C	BS-852012C-S5-C	BS-852011C-S5-C
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	90°	115°	85°	110°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps/ 960P@25fps/720P@25fps Sub Stream:D1(704*576)@25fps /VGA@25fps Third Stream: N/A	Main Stream:1080P@25fps/ 960P@25fps/720P@25fps Sub Stream:D1(704*576)@25fps /VGA@25fps Third Stream: N/A	Main Stream:1080P@25fps/ 960P@25fps/720P@25fps Sub Stream:D1(704*576)@25fps /VGA@25fps Third Stream: N/A	Main Stream:1080P@25fps/ 960P@25fps/720P@25fps Sub Stream:D1(704*576)@25fps /VGA@25fps Third Stream: N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66





Full Color Network Camera

2MP Fixed Lens with Built-in Mic

Model	ES-852012C-S5-C-MI	ES-852011C-S5-C-MI	BS-852012C-S5-C-MI	BS-852011C-S5-C-MI
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	90°	115°	85°	110°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66





Full Color Network Camera

2MP Fixed Lens with Built-in Mic and SD card slot

Model	ES-852012T-S5-C-MI	ES-852011T-S5-C-MI	BS-852012T-S5-C-MI	BS-852011T-S5-C-MI
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS	1/2.9" CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	90°	115°	85°	110°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:1080P@25fps/960P@25fps/ 720P@25fps Sub Stream: D1(704*576)@25fps/ VGA@25fpsCIF@25fps Third Stream: N/A
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	N/A	N/A	N/A	N/A
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max. 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Ø97.00 * 88.50	Ø97.00 * 88.50	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2





Full Color Network Camera

5MP Fixed Lens

Model	ES-855P12C-S7-C	ES-855P11C-S7-C	BS-855P12C-S7-C	BS-855P11C-S7-C
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	90°	115°	85°	110°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66





Full Color Network Camera

5MP Fixed Lens with Built-in Mic





Model	ES-855P12C-S7-C-MI	ES-855P11C-S7-C-MI	BS-855P12C-S7-C-MI	BS-855P11C-S7-C-MI
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	90°	115°	85°	115°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ107 * 107	Φ107 * 107	171 * 75 * 66	171 * 75 * 66

Full Color Network Camera

5MP Fixed Lens with Built-in Mic and SD card slot


Model	ES-855P12T-S7-C-MI	ES-855P11T-S7-C-MI	BS-855P12T-S7-C-MI	BS-855P11T-S7-C-MI
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)	Color: 0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	90°	115°	85°	110°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In/Out	Built-in Mic for audio input	Built-in Mic for audio input	Built-in Mic for audio input	Built-in Mic for audio input
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ97.00 * 88.50	Φ97.00 * 88.50	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2



BioSense Network Camera				
2MP Fixed Lens				
Model	BS-852T22C-S6-S	BS-852T23C-S6-S	ES-852T22C-S6-S	ES-852T21C-S6-S
Picture				
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color:0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color:0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color:0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color:0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	85°	60°	90°	110°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107


BioSense Network Camera

2MP Fixed Lens with Built-in Mic

Model	BS-852T22C-S6-MI-S	BS-852T23C-S6-MI-S	ES-852T22C-S6-MI-S	ES-852T21C-S6-MI-S
Picture				
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	85°	60°	90°	110°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps / Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps / Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps / Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps / VGA@25fps / Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107




BioSense Network Camera

2MP Fixed Lens with Bulit-in Mic and SD card slot

Model	BS-852T22T-S6-MI-S	BS-852T23T-S6-MI-S	ES-852T22T-S6-MI-S	ES-852T21T-S6-MI-S
Picture				
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.0001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	85°	68°	90°	110°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2	Φ97.00 * 88.50	Φ97.00 * 88.50





BioSense Network Camera

2MP Motorized Lens

Model	BL-852T48S-S6-S	EL-852T38I-S6-S	DL-852T28B-S6-S	BL-852T48A-S6-S
Picture				
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color: 0.001Lux@F1.7~3.0 (AGC ON) B/W:0 lux @F1.7~3.0 (IR ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON) B/W:0 lux @F1.7~3.0 (IR ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON) B/W:0 lux @F1.7~3.0 (IR ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON) B/W:0 lux @F1.7~3.0 (IR ON)
Focal Lens	3.35mm~10.05mm	3.35mm~10.05mm	3.35mm~10.05mm	3.35mm~10.05mm
FOV	38°~107°	38°~107°	38°~107°	38°~107°
Max.IR Distance	80m	50m	30m	80m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	1/0	1/0	2/1	1/1
Alarm In/Out	N/A	N/A	2/1	2/1
Memory Slot	N/A	N/A	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Φ111.6 * 105	Φ102*93.2	246 * 85 * 76





BioSense Network Camera

5MP Fixed Lens

Model	BS-855P22C-S8-S	BS-855P23C-S8-S	ES-855P22C-S8-S	ES-855P21C-S8-S
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	87°	68°	90°	110°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107





BioSense Network Camera

5MP Fixed Lens with Bulit-in Mic

Model	BS-855P22C-S8-MI-S	BS-855P23C-S8-MI-S	ES-855P22C-S8-MI-S	ES-855P21C-S8-MI-S
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (AGC ON)
Focal Lens	3.6mm	6mm	3.6mm	2.8mm
FOV	95°	68°	98°	108°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107	Φ107 * 107




BioSense Network Camera

5MP Fixed Lens with Bulit-in Mic and SD card slot

Model	ES-855P22T-S8-MI-S	ES-855P21T-S8-MI-S	BS-855P22T-S8-MI-S	BS-855P23T-S8-MI-S
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)	Color: 0.001Lux@F1.6 (AGC ON) B/W:0Lux@F1.6 (IR ON)
Focal Lens	3.6mm	2.8mm	3.6mm	6mm
FOV	98°	108°	95°	68°
Max.IR Distance	30m	30m	30m	30m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps /1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps /1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps /1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps /1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ97 * 88.5	Φ97 * 88.5	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2





BioSense Network Camera

5MP Motorized Lens

Model	EL-855P38I-S8-S	DL-855P28B-S8-S	BL-855P48A-S8-S
Picture			
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color: 0.08Lux@F1.7~3.3 (AGC ON) B/W:0.001Lux@F1.7~3.3 (IR ON)	Color: 0.08Lux@F1.7~3.3 (AGC ON) B/W:0.001Lux@F1.7~3.3 (IR ON)	Color: 0.08Lux@F1.7~3.3 (AGC ON) B/W:0.001Lux@F1.7~3.3 (IR ON)
Focal Lens	3.6mm~10.8mm	3.6mm~10.8mm	3.6mm~10.8mm
FOV	35°~95°	35°~95°	35°~95°
Max.IR Distance	50m	30m	80m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps /VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps /VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1(704*576)@25fps /VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	1/0	1/0	1/0
Alarm In/Out	2/1	2/1	2/1
Memory Slot	N/A	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ111.6 * 105	Φ102 * 93.3	246 * 85 * 76





BioSense Network Camera

2MP Full Color Network Camera

Model	ES-852T11T-S6-C-MI-S	ES-852T12T-S6-C-MI-S	BS-852T12T-S6-C-MI-S	BS-852T11T-S6-C-MI-S
Picture				
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS	1/2.8" 2MP Sony STARVIS CMOS
Max.Resolution	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)	2MP(1920*1080)
Min.Illumination	Color:0.0001Lux@F1.0 (AGC ON)	Color:0.0001Lux@F1.0 (AGC ON)	Color:0.0001Lux@F1.0 (AGC ON)	Color:0.0001Lux@F1.0 (AGC ON)
Focal Lens	2.8mm	3.6mm	3.6mm	2.8mm
FOV	120°	100°	98°	118°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps	Main Stream:1080P@25fps / 960P@25fps / 720P@25fps Sub Stream : D1(704 *576)@25fps /VGA@25fps/ Q720P@25fps Third Stream: 1080P@25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	N/A	N/A	N/A	N/A
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ97 * 88.5	Φ97 * 88.5	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20

BioSense Network Camera

5MP Full Color Network Camera






Model	ES-855P12T-S8-C-MI-S	ES-855P11T-S8-C-MI-S	BS-855P12T-S8-C-MI-S	BS-855P11T-S8-C-MI-S
Picture				
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max.Resolution	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)	5MP (2592*1944)
Min.Illumination	Color:0.0001Lux@F1.0 (AGC ON)	Color:0.0001Lux@F1.0 (AGC ON)	Color:0.0001Lux@F1.0 (AGC ON)	Color:0.0001Lux@F1.0 (AGC ON)
Focal Lens	3.6mm	2.8mm	3.6mm	2.8mm
FOV	100°	110°	97°	108°
White light Range	20m	20m	20m	20m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A	Main Stream:5MP@25fps/ 4MP@25fps /3MP@25fps/1080P@25fps/960P@25fps /720P@25fps Sub Stream: D1 (704*576)@25fps / VGA@25fpsCIF@25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support
Intelligent Video	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Target Count, Object Lost/Left Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In/Out	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in	Built-in Mic for audio in
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)	Support (Max 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	Φ97 * 88.5	Φ97 * 88.5	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20



Professional Facial Camera/ Fisheye/LPR Camera



Professional Facial Camera/Fisheye/LPR Camera

	2MP Motorized Lens Full Function		LPR Camera		4K 360° Fisheye
Model	BL-852Q38A	DL-852Q28B	BL-852Q38A-LP	DL-852Q28B-LP	DL-858V17C-F5
Picture					
Image Sensor	1/2.8" Sony STAVIS CMOS	1/2.8" Sony STAVIS CMOS	1/2.8" Sony STAVIS CMOS	1/2.8" Sony STAVIS CMOS	1/1.7" Sony STAVIS CMOS
Max.Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	8MP (3840*2160)
Min.Illumination	Color: 0.001Lux@F1.7~3.0 (AGC ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON)	Color: 0.001Lux@F1.7~3.0 (AGC ON)
Focal Lens	3.35mm ~ 10.05mm	3.35mm ~ 10.05mm	3.35mm ~ 10.05mm	3.35mm ~ 10.05mm	2mm
FOV	38° ~ 107°	38° ~ 107°	38° ~ 107°	38° ~ 107°	38° ~ 107°
Max.IR Distance	50m	30m	50m	30m	20m
Video Compression	H.265+ / H.265 / H.264	H.265+ / H.265 / H.264	H.265+ / H.265 / H.264	H.265+ / H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream:1080P@25fps Sub stream:Q720P@25fps	Main Stream:1080P@25fps Sub stream:Q720P@25fps	Main Stream:1080P@25fps Sub stream:Q720P@25fps	Main Stream:1080P@25fps Sub stream:Q720P@25fps	4K@30fps
WDR	TWDR	TWDR	TWDR	TWDR	TWDR
Day/Night	Support	Support	Support	Support	Support
Special Application	Facial Recognition / Line Crossing / Intrusion / Object Left / Lost / Counting / Video Shelter / Scene change / Audio Detection / Fire Detection / VQD	Facial Recognition / Line Crossing / Intrusion / Object Left / Lost / Counting / Video Shelter / Scene change / Audio Detection / Fire Detection / VQD	150 countries LPR supported	150 countries LPR supported	N/A
Audio In/Out	1/1	1/1	1/1	1/1	1/1
Alarm In/Out	2/1	2/1	2/1	2/1	1/1
Memory Slot	Support (Max 128GB)	Support (Max 128GB)	Support (Max 128GB)	Support (Max 128GB)	Support (Max 128GB)
Casing	Metal	Metal	Metal	Metal	Metal
RS485	Support	Support	Support	Support	Support
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-30°C ~ 60°C	-10°C ~ 50°C
Power	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%	PoE, DC 12V±10%
Dimension (mm)	246 * 85 * 76	Φ102 * 93.2	246 * 85 * 76	Φ102 * 93.2	Φ149.4 * 50



Network PTZ Camera

- 5.1 inch Human Tracking High Speed Dome
- 6 inch Human Tracking High Speed Dome

Network PTZ Camera






Auto Human Tracking

18X/30X Zoom

Built-in Mic & Speaker

Budget Saving

Human Detection Network PTZ

	5.1 inch		6 inch	
Model	PS-855C18L	PS-855C30L	PL-855C18M	PL-855C30M
Picture				
Image Sensor	1/2.9" 1080P CMOS Sensor	1/2.9" 1080P CMOS Sensor	1/3" 1080P CMOS Sensor	1/3" 1080P CMOS Sensor
Max. Resolution	2MP(1920*1080)	2MP(1920*1080)	5MP(2592*1944)	5MP(2592*1944)
Min.Illumination	Color: 0.05Lux, B/W: 0.01Lux, 0 Lux with IR on	Color: 0.05Lux, B/W: 0.01Lux, 0 Lux with IR on	Color: 0.05Lux, B/W: 0.01Lux, 0 Lux with IR on	Color: 0.05Lux, B/W: 0.01Lux, 0 Lux with IR on
Focal Lens	18X Optical Zoom, f =5.4~97.2mm	30X Optical Zoom, f =4.5~148.5mm	18X Optical Zoom, f =5.4~97.2mm	30X Optical Zoom, f =4.5~148.5mm
FOV	55.4°(W) ~ 3.55°(T)	58.49°(W) ~ 2.2°(T)	55.4°(W) ~ 3.55°(T)	60.1°(W) ~ 2.28°(T)
Max.IR Distance	120m	120m	120m	120m
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
Frame Rate	25/30fps@2MP	25/30fps@2MP	25/30fps@2MP	25/30fps@2MP
WDR	DWDR	DWDR	DWDR	DWDR
Day/Night	Auto ICR	Auto ICR	Auto ICR	Auto ICR
Pan/Tilt	Pan: 0°~360°, Tilt: -5°~90°	Pan: 0°~360°, Tilt: -5°~90°	Pan: 0°~360°, Tilt: -5°~90°	Pan: 0°~360°, Tilt: -5°~90°
Preset Speed	Pan: 0~180°/s, Tilt:0~100°/s	Pan: 0~180°/s, Tilt:0~100°/s	Pan: 0~180°/s, Tilt:0~100°/s	Pan: 0~180°/s, Tilt:0~100°/s
Audio In/Out	Built-in with Speaker and Microphone	Built-in with Speaker and Microphone	Built-in with Speaker and Microphone	Built-in with Speaker and Microphone
Alarm In/Out	N/A	N/A	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A
Ingress Protection	IP66	IP66	IP66	IP66
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	PoE (IEEE802.3af) DC 12V4A ±10% Consumption ≥48W	PoE (IEEE802.3af) DC 12V4A ±10% Consumption ≥48W	PoE (IEEE802.3af) DC 12V4A ±10% Consumption ≥48W	PoE (IEEE802.3af) DC 12V4A ±10% Consumption ≥48W
Dimension (mm)	Φ144 * 242	Φ144 * 242	Φ185 * 375	Φ185 * 375
	 <ul style="list-style-type: none"> KB200(IP keyboard) ◆ ONVIF Profile S compatible ◆ 5 inch colorful LED display,HDMI output ◆ Plug and Play , DHCP supported 			



Network Video Recorder

- H.265+ Non-PoE NVR
- H.265+ PoE NVR



Network Video Recorder H.265+ PoE NVR

Up to 4K Resolution




H.265+

IVA

RAID


H.265+ Non-PoE NVR

SMP Series





Model	Z8504NER	Z8508NER	Z8516NER
Picture			
Channel Input	4CH	8CH	16CH
Video Compression	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264
Max. Decoding	4CH@5MP(25/30fps)	8CH@D1(25/30fps)	9CH@D1(25/30fps)
Audio Compression	G.711u	G.711u	G.711u
Recording Resolution	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Incoming Bandwidth	40 Mbps	40 Mbps	40 Mbps
Display	1/4 CH	1/4/6/9 CH	1/4/6/9/16 CH
Max. HDD	1 SATA Port, up to 8 TB capacity	1 SATA Port, up to 8 TB capacity	1 SATA Port, up to 8 TB capacity
PoE Port	N/A	N/A	N/A
USB Port	2*USB 2.0	2*USB 2.0	2*USB 2.0
Audio I/O	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A
RAID	N/A	N/A	N/A
Intelligent Function	N/A	N/A	N/A
Casing	1U	1U	1U
Working Environment	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%
Power	DC 12V/2A	DC 12V/2A	DC 12V/2A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43

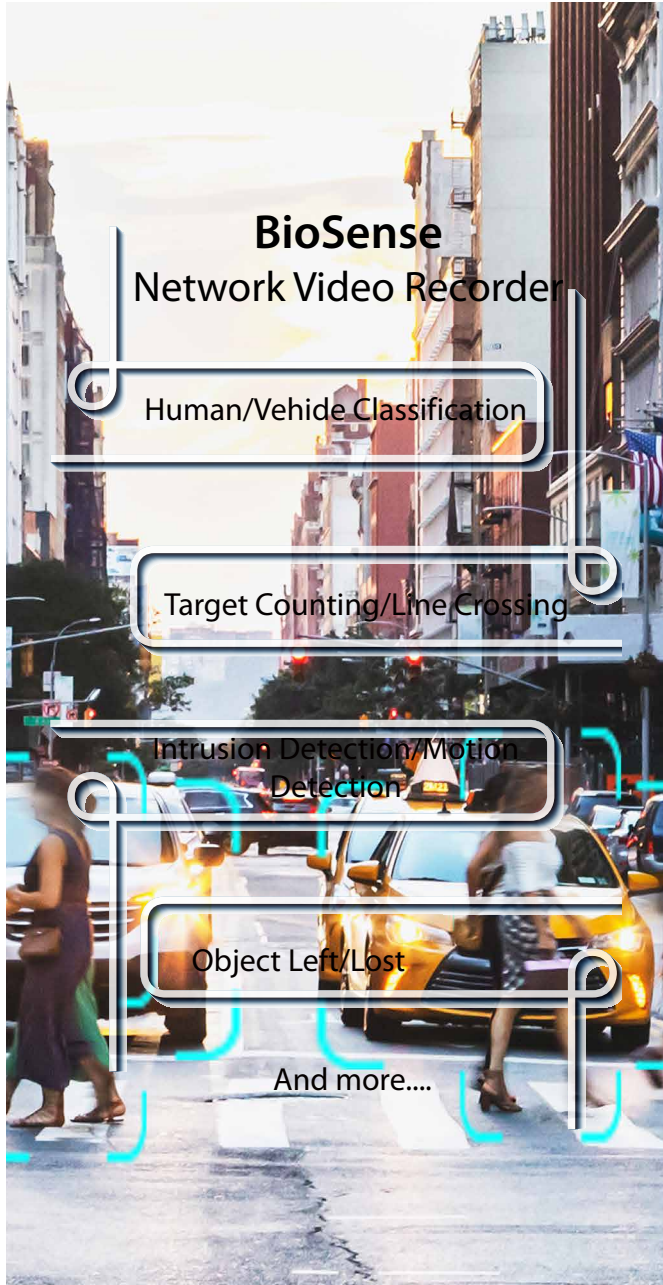
H.265+ Non-PoE NVR

4K Series

Model	Z8516NFR	Z8532NFR	Z8536NMR	Z8536NHR	Z8564NHR	Z85128NTR
Picture						
Channel Input	16CH	32CH	36CH	36CH	64CH	128CH
Video Compression	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264
Max. Decoding	16CH@D1(25/30fps)	32CH@640*480(25/30fps)	36CH@D1(25/30fps)	36CH@D1(25/30fps)	36CH@D1(25/30fps)	36CH@D1(25/30fps)
Audio Compression	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u
Recording Resolution	8MP/3MP/1080P/960P/720P/D1/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/3MP/1080P/960P/720P/D1/ VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/5MP/4MP/3MP/1080P/960P /720P/D1	8MP/5MP/4MP/3MP/1080P/960P /720P/D1	8MP/5MP/4MP/3MP/1080P/960P /720P/D1	8MP/5MP/4MP/3MP/1080P/960P /720P/D1
Incoming Bandwidth	80 Mbps	80 Mbps	216 Mbps	216 Mbps	512 Mbps	640 Mbps
Display	1/4/9/16 CH	1/4/6/8/9/16/24/32 CH	1/4/6/8/9/16/25/32/36 CH	1/4/6/9/16/36 CH	1/4/6/9/16/36/64 CH	1/4/6/8/9/16/36/64/128 CH
Max. HDD	2 SATA Ports, up to 8 TB capacity	2 SATA Ports, up to 8 TB capacity	4 SATA Ports, up to 8 TB capacity	9 SATA Ports, up to 8 TB capacity	9 SATA Ports, up to 8 TB capacity	16 SATA Ports, up to 8 TB capacity
PoE Port	N/A	N/A	N/A	N/A	N/A	N/A
USB Port	2*USB 2.0	2*USB 2.0	2*USB 2.0	1*USB 2.0, 1*USB 3.0	1*USB 2.0, 1*USB 3.0	2*USB 2.0, 1*USB 3.0
Audio I/O	N/A	N/A	1/1	1/1	1/1	1/1
Alarm I/O	N/A	N/A	4/1	4/1	4/4	4/4
RAID	N/A	N/A	N/A	Support	Support	Support
Intelligent Function	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change /VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change /VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)
Casing	1U	1U	1.5U	2U	2U	3U
Working Enviroment	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%
Power	DC 12V/2A	DC 12V/2A	DC 12V/6A	AC100~240V, 47Hz~63Hz	AC100~240V, 47Hz~63Hz	AC100~240V, 47Hz~63Hz
Dimension (mm)	325 * 246 * 50	325 * 246 * 50	430 * 318 * 65.5	412 * 430 * 87	412 * 430 * 87	430 * 483 * 143

H.265+ PoE NVR



	5MP Series		4K Series	
Model	Z8504NEQ-4P	Z8508NEQ-8P	Z8516NFR-16P	Z8532NFR-16P
Picture				
Channel Input	4CH	8CH	16CH	32CH
Video Compression	H.265 / H.264	H.265 / H.264	H.265+ /H.265 / H.264	H.265+ /H.265 / H.264
Max. Decoding	4CH@8MP(25/30fps)	8CH@5MP (25/30fps)	8CH@5MP (25/30fps)	8CH@5MP (25/30fps)
Audio Compression	G.711u	G.711u	G.711u	G.711u
Recording Resolution	8MP/5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	8Mp/5MP/4MP/3MP/1080P/960P/720P/D1	8Mp/5MP/4MP/3MP/1080P/960P/720P/D1
Incoming Bandwidth	40 Mbps	60 Mbps	80 Mbps	80 Mbps
Display	1/4 CH	1/4/6/8 CH	1/4/6/9/16 CH	1/4/6/9/16/32 CH
Max. HDD	1 SATA Port, up to 8TB capacity	1 SATA Port, up to 8 TB capacity	2 SATA Ports, up to 8 TB capacity	2 SATA Ports, up to 8 TB capacity
PoE Port	4 ports	8 ports	16 ports	16ports
USB Port	3*USB 2.0	3*USB 2.0	3*USB 2.0	3*USB 2.0
Audio I/O	0/1 output	0/1 output	1/1 output	1/1 output
Alarm I/O	N/A	N/A	N/A	N/A
RAID	N/A	N/A	N/A	N/A
Intelligent Function	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene change / VQD (Up to IPC)
Casing	1U	1U	1U	1U
Working Enviroment	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%
Power	DC 48V/1.5A	DC 48V/1.5A	DC 48V/1.5A	DC 52V/4.6A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	325 * 246 * 50	325 * 246 * 50



Biosense Non-PoE NVR

Model	Z8504NEQ-S	Z8508NEQ-S	Z8516NEQ-S
Picture			
Channel Input	4CH	8CH	16CH
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Max. Decoding	4CH@8MP(25/30fps)	8CH@5MP (25/30fps)	16CH@5MP(25/30fps)
Audio Compression	G.711u	G.711u	G.711u
Recording Resolution	8MP/5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Incoming Bandwidth	40 Mbps	60 Mbps	80 Mbps
Display	1/4 CH	1/4/6/8 CH	1/4/6/8/9/16 CH
Max. HDD	1 SATA Port, up to 8 TB capacity	1 SATA Port, up to 8 TB capacity	1 SATA Port, up to 8 TB capacity
PoE Port	N/A	N/A	N/A
USB Port	3*USB 2.0	3*USB 2.0	3*USB 2.0
Audio I/O	0/1 output	0/1 output	0/1 output
Alarm I/O	N/A	N/A	N/A
RAID	N/A	N/A	N/A
Intelligent Function	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Object Lost/Left (Up to IPC)	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Object Lost/Left (Up to IPC)	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Object Lost/Left (Up to IPC)
Casing	1U	1U	1U
Working Enviroment	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%
Power	DC 12V/2A	DC 12V/2A	DC 12V/2A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43
Dimension (mm)	171 * 75 * 66	171 * 75 * 66	Φ107 * 107

Biosense PoE NVR



Model	Z8504NEQ-4P-S	Z8508NEQ-8P-S
Picture		
Channel Input	4CH	8CH
Video Compression	H.265 / H.264	H.265 / H.264
Max. Decoding	4CH@8MP(25/30fps)	8CH@5MP (25/30fps)
Audio Compression	G.711u	G.711u
Recording Resolution	8MP/5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF	5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Incoming Bandwidth	40 Mbps	60 Mbps
Display	1/4 CH	1/4/6/8 CH
Max. HDD	1 SATA Port, up to 8 TB capacity	1 SATA Port, up to 8 TB capacity
PoE Port	4 PoE, 10/100 Mbps self adaptive	8 PoE, 10/100 Mbps self adaptive
USB Port	3*USB 2.0	3*USB 2.0
Audio I/O	0/1 output	0/1 output
Alarm I/O	N/A	N/A
RAID	N/A	N/A
Intelligent Function	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Object Lost/Left (Up to IPC)	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Object Lost/Left (Up to IPC)
Casing	1U	1U
Working Enviroment	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%	Working Temperature:-10°C ~ 55°C / 14°F ~ 131°F Working Humidity:10% ~ 90%
Power	DC 48V/1.5A	DC 48V/1.5A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43



NVR KITs

• 4CH 1080P NVR Kits

• 4CH 4MP NVR Kits

PoE NVR KIT			
		4CH 1080P NVR Kit	4CH 4MP NVR Kit
Camra	Model	KIT-8504NEQ-4P/4-BS852O21B-S5	KIT-8504NEQ-4P/A-BS854N21B-S7
	Picture		
	Image Sensor	1/2.9" CMOS	1/3" CMOS
	Max.Resolution	1080P(1920*1080)	4MP(2560*1440)
	Min.Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0 (IR ON)	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)
	Focal Lens	2.8mm	2.8mm
	Max.IR Distance	30m	30m
	Frame Rate	1080P@25fps	4MP@20fps
	WDR	DWDR	DWDR
	Casing	Metal	Metal
	Power	PoE, DC 12V±10%v	PoE, DC 12V±10%v
Storage	Channel Input	4 Channel	4 Channel
	Video Compression	H.265/H.264	H.265/H.264
	Recording Resolution	8MP/5MP/3MP/1080P/960P/720P/D1/VGA /4CIF/DCIF/2CIF/CIF/QCIF	8MP/5MP/3MP/1080P/960P/720P/D1/VGA /4CIF/DCIF/2CIF/CIF/QCIF
	Max. Decoding	4CH@8MP(25/30fps)	4CH@8MP(25/30fps)
	Display	1*HDMI (4K)	1*HDMI (4K)
	Max. HDD	1 SATA, Up to 8TB/Bay	1 SATA, Up to 8TB/Bay
	Audio In/Out	0/1	0/1
	Alarm In/Out	N/A	N/A
	Intelligent Function	Up to IPC	Up to IPC
	Working Enviromen	-10°C ~ 55°C / 14°F ~ 131°F	-10°C ~ 55°C / 14°F ~ 131°F
	Power	DC 48V/1.5A	DC 48V/1.5A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	







Related Products

- Switch
- Splicing screen
- HD Smart Play BOX & HDMI Distributor
- Decoder
- Network Cables







PoE Switch

10/100 POE Switch

Model	PE042-55-C	PE082-120-C	PE162-200-C	PE242-300-C
Picture				
Port	4*10/100M RJ-45(PoE) +2*10/100M RJ-45	8*10/100M RJ-45(PoE) +2*10/100M RJ-45	16*10/100M RJ-45(PoE) +2*10/100/1000M RJ-45+1*1000 SFP	24*10/100M RJ-45(PoE) +2*10/100/1000 RJ-45 + 1*1000 SFP
Network Protocol	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af /at
PoE Power Consumption	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)
PoE Power Supply	1,2+ ; 3,6-	1,2+ ; 3,6-	1/2+ ; 3/6- ; 4/5+ ; 7/8- (Option)	1/2+ ; 3/6- ; 4/5+ ; 7/8- (Option)
Network Cable	10Base-T: Cat3 UTP/STP(≤100m) 10Base-T: Cat6a UTP/STP(≤250m) 100Base-TX: Cat5e UTP/STP(≤100m)	10Base-T: Cat3 UTP/STP(≤100m) 10Base-T: Cat6a UTP/STP(≤250m) 100Base-TX: Cat5e UTP/STP(≤100m)	10Base-TX: Cat6a UTP/STP(≤100m) 100Base-TX: Cat5e UTP/STP(≤250m) 1000Base-TX: Cat5e UTP/STP(≤100m)	10Base-TX: Cat6a UTP/STP(≤250m) 100Base-TX: Cat5e UTP/STP(≤100m) 1000Base-TX: Cat5e UTP/STP(≤100m)
Optical Fiber	N/A	N/A	1310nm, 2Km (Multimode fiber) 1310nm, 20/40 Km; 1550nm, 60/80/100/120Km (Monomode fiber)	1310nm, 2Km (Multimode fiber) 1310nm, 20/40 Km; 1550nm, 60/80/100/120Km (Monomode fiber)
MTBF	100,000 hours	100,000 hours	N/A	N/A
Backplane Bandwidth	1.2Gbps	2Gbps	9.2Gbps	10.8Gbps
Buffer Memory	448K	448K	N/A	2.7M
Packet Forwarding Rate	Each port 0.1488Mpps	Each port 0.1488Mpps	Each port 0.1488Mpps/ 1.488Mpps	Each port 0.1488Mpps/ 1.488Mpps
MAC Size	1K	1K	2K	4K
Forwarding mode	Store-and-Forward switching	Store-and-Forward switching	Store-and-Forward switching	Store-and-Forward switching
Power Supply	AC110-260V input 52V1.25A output	AC110-260V input 52V2.88A output	AC100-260V input 52V3.8A/52V5.76A output	AC110-250V input
Working Temperature	Operating Temperature:-20~55°C; Storage Temperature:-40~80°C	Operating Temperature:-20~55°C; Storage Temperature:-40~80°C	Operating Temperature:-20~50°C; Storage Temperature:-40~85°C	Operating Temperature:-20~50°C; Storage Temperature:-40~80°C
Working Humidity	Operating Humidity:10%~90%, non-condensing Storage Humidity:5%~90%, non-condensing	Operating Humidity:10%~90%, non-condensing Storage Humidity:5%~90%, non-condensing	Operating Humidity:Max 90%, non-condensing Storage Humidity:Max 95%, non-condensing	Operating Humidity:Max 90%, non-condensing Storage Humidity:Max 95%, non-condensing
Dimension (mm)	200 * 120 * 45	220 * 120 * 45	320 * 207 * 45	320 * 207 * 45







Switch

All-Gigabit Switch

	All-Gigabit Ethernet Switch for Convergence layer		All-Gigabit POE Switch	
Model	E062-16-G	E242-48-G	PE082-120-G	PE242-300-G
Picture				
Port	8*10/100/1000M RJ-45	24*10/100/1000M RJ-45	8*10/100/1000M PoE Port +2*gigabit network RJ45 port	24*10/100/1000M PoE ports+ 2 gigabit SFP ports
Network Protocol	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x
PoE Power Consumption	N/A	N/A	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)	Max 15.4 W (IEEE 802.3af)/30 W (IEEE 802.3at)
PoE Power Supply	N/A	N/A	1,2+; 3,6-	1/2+; 3/6-; 4/5+, 7/8- (Option)
Network Cable	10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m) 100Base-TX : Cat5/Cat5e UTP/STP(≤100m) 1000Base-TX : Cat5/Cat5e UTP/STP(≤100m)	10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m) 100Base-TX : Cat5/Cat5e UTP/STP(≤100m) 1000Base-TX : Cat5/Cat5e UTP/STP(≤100m)	10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m) 100Base-TX : Cat5/Cat5e UTP/STP(≤100m) 1000Base-TX : Cat5/Cat5e UTP/STP(≤100m)	10Base-T: Cat3/Cat4/Cat5/Cat5e UTP/STP(≤100m) 100Base-TX : Cat5/Cat5e UTP/STP(≤100m) 1000Base-TX : Cat5/Cat5e UTP/STP(≤100m) Multimode ber: 50/125, 62.5/125, 100/140um Monomode ber: 8/125, 8.7/125, 9/125, 10/125um
Optical Fiber	N/A	N/A	N/A	Multimode ber: 50/125, 62.5/125, 100/140um Monomode ber: 8/125, 8.7/125, 9/125, 10/125um
MTBF	100000 hours	N/A	100000 hours	N/A
Backplane Bandwidth	16Gbps	48Gbps	20Gbps	52Gbps
Buffer Memory	N/A	N/A	N/A	N/A
Packet Forwarding Rate	11.9Mpps	35.71Mpps	14.88Mpps	38.68Mpps
MAC Size	1K	8K	2K	8K
Forwarding mode	Store-and-Forward switching	Store-and-Forward switching	Store-and-Forward switching	Store-and-Forward switching
Power Supply	AC Input 100-240V	AC Input 100-240V	AC Input 100-240V	AC Input 100-240V
Working Temperature	Operating Temperature:-10~50°C; Storage Temperature:-40~70°C	Operating Temperature:-10~50°C; Storage Temperature:-40~70°C	Operating Temperature:-10~50°C; Storage Temperature:-40~85°C	Operating Temperature:-10~50°C; Storage Temperature:-40~85°C
Working Humidity	Operating Humidity:10%~90%, non-condensing Storage Humidity:5%~90%, non-condensing	Operating Humidity:10%~90%, non-condensing Storage Humidity:5%~90%, non-condensing	Operating Humidity:10%~90%, non-condensing Storage Humidity:5%~90%, non-condensing	Operating Humidity:10%~90%, non-condensing Storage Humidity:5%~90%, non-condensing
Dimension (mm)	137*77*25	270*180*45	220*161*36.5	440*205*44

Professional CCTV LED Monitors






Lite Series

	HD	Full HD			4K Ultra HD	
Model	ZD19-2K	ZD22-2K	ZD27-2K	ZD32-4K	ZD43-4K	ZD50-4K
Picture						
Screen size	19"	21.5"	27"	32"	43"	50"
Bezel Material	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Display Type	LED	LED	LED	LED	LED	LED
Resolution	1440*900	1920 * 1080	1920 * 1080	3840 * 2160	3840 * 2160	3840 * 2160
Brightness	300cd/m ²	450cd/m ²	450cd/m ²	500cd/m ²	450cd/m ²	450cd/m ²
Contrast	3000:1	3000:1	3000:1	3000:1	3000:1	3000:1
Response Time	5ms	5ms	5ms	5ms	8.5ms	6.5ms
Color	16.7-million	16.7-million	16.7-million	10bit	10bit	10bit
View Angle	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°
Interface	1*HDMI, 1*VGA, 1*RCA, 1* Audio Input, 1* Earphone Output	1*HDMI, 1*VGA, 1*RCA, 1* Audio Input, 1* Earphone Output	1*HDMI, 1*VGA, 1*RCA, 1* Audio Input, 1* Earphone Output	2*HDMI,1*VGA,1*RCA,1* Audio Input,1*Audio output,1*Coaxial output	2*HDMI,1*VGA,2*RCA,1* Audio Input,1* Audio output,1*Coaxial output	2*HDMI,1*VGA,2*RCA,1* Audio Input,1* Audio output,1*Coaxial output
Speaker	Yes	Yes	Yes	Yes	Yes	Yes
Mount Type	Desktop/Wall mount	Desktop/Wall mount	Desktop/Wall mount	Desktop/Wall mount	Desktop/Wall mount	Desktop/Wall mount
Power Supply	12V /3A	AC100~240V 50~60Hz	12V/5A	AC110-220V	AC110-220V	AC110-220V
Consumption	20W	30W	36W	50W	97W	130W
Net Weight	2.5kg	2.4kg	5kg	5.1kg	6.5kg	10.3kg
Gross Weight	3.4kg	3.4kg	6.3kg	5.5kg	8.8kg	17.3kg
Package Dimension (mm)	525 * 415 * 95	550 * 430 * 105	690 * 515 * 103	765 * 500 * 110	1040 * 645 * 125	1255 * 210 * 790



Professional CCTV LED Monitors

Pro series






4K Vandal-proof monitor

Model	ZD43-4K-P	ZD50-4K-P	ZD55-4K-P	ZD65-4K-P	ZD75-4K-P
Picture					
Screen size	43"	50"	55"	65"	75"
Bezel Material	Metal	Metal	Metal	Metal	Metal
Display Type	LED	LED	LED	LED	LED
Resolution	3840 * 2160	3840 * 2160	3840 * 2160	3840 * 2160	3840 * 2160
Brightness	500cd/m ²	500cd/m ²	500cd/m ²	500cd/m ²	500cd/m ²
Contrast	3000:1	3000:1	3000:1	3000:1	3000:1
Response Time	6.5ms	6.5ms	6.5ms	6.5ms	6.5ms
Color	10bit	10bit	10bit	10bit	10bit
View Angle	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
Interface	1*HDMI, 1*VGA*, 1*DVI, 1*USB, 1*BNC	2*HDMI, 1*VGA*, 1*DVI, 1*USB, 1*BNC	2*HDMI, 1*VGA*, 1*DVI, 1*USB, 1*BNC	2*HDMI, 1*VGA*, 1*DVI, 1*USB, 1*BNC	2*HDMI, 1*VGA*, 1*DVI, 1*USB, 1*BNC
Speaker	Yes	Yes	Yes	Yes	Yes
Mount Type	Wall mount	Wall mount	Wall mount	Wall mount	Wall mount
Power Supply	AC 100-240V	AC 100-240V	AC 100-240V	AC 100-230V	AC 110-230V
Consumption	≤75W	≤130W	≤150W	≤220W	≤230W
Net Weight	12kg	16.5kg	19.5kg	26.2kg	37.4kg
Gross Weight	14.7kg	20kg	23.5kg	33.5kg	51kg
Package Dimension	1040 * 125 * 645	1205 * 135 * 740	1320 * 148 * 800	1550 * 148 * 938	1800 * 215 * 1105

High-quality FHD LED Display

Model	ZD22-2K-A	ZD24-2K-A
Picture		
Screen size	22"	24"
Resolution	1920*1080	1920*1080
Brightness	200cd/m2	200cd/m2
Contrast	3000:1	3000:1
Response Time	4ms	4ms
Color	16.7M	16.7M
View Angle	178°/178°(horizontal / vertical)	178°/178°(horizontal / vertical)
Interface	HDMI、VGA	HDMI、VGA
Mount Type	Pedestal / wall mounted	Pedestal / wall mounted
Power Supply	12V/3A	12V/3A
Consumption	20W	25W
Net Weight	2.1kg	2.6kg
Gross Weight	3.1kg	3.6kg
Package Dimension	570 * 112 * 378	595 * 120 * 385



Splicing screen

Model	ZK-LED46A-2K-3.5MM	ZK-LED55A-2K-3.5MM	ZK-LED55A-2K-1.8MM	ZK-LED55A-2K-0.88MM	ZK-LED65A-4K-3.5MM
Picture					
Screen size	46"	55"	55"	55"	65"
Resolution	1920*1080	1920*1080	1920*1080	1920*1080	3840*2160
Brightness	450cd/m2	450cd/m2	450cd/m2	450cd/m2	450cd/m2
Contrast	1000:1	3000:1	3000 : 1	5000 : 1	3000 : 1
Response Time	8ms	8ms	8ms	8ms	8ms
Color	16.7M	16.7M	16.7M	16.7M	16.7M
View Angle	178°/178°(horizontal / vertical)	178°/178°(horizontal / vertical)	178°/178°(horizontal / vertical)	178°/178°(horizontal / vertical)	178°/178°(horizontal / vertical)
Interface	USB*1, HDMI*1, DVI*1, RS232 IN*1, RS232 OUT*2	HDMI*1, DVI*1, RS232*1, USB*1, RS232 OUT*2	USB*1, HDMI*1, DVI*1, RS232 IN*1, RS232 OUT*2	USB*1, HDMI*1, DVI*1, RS232 IN*1, RS232 OUT*2	USB*1, HDMI*1, DVI*1, RS232 IN*1, RS232 OUT*2
Mount Type	Floor cabinet type, floor bracket type, and wall bracket type	Floor cabinet type, floor bracket type, and wall bracket type	Floor cabinet type, floor bracket type, and wall bracket type	Floor cabinet type, floor bracket type, and wall bracket type	Floor cabinet type, floor bracket type, and wall bracket type
Power Supply	AC 220V~50Hz	AC 220V~50Hz	AC 220V~50Hz	AC 220V~50Hz	AC 220V~50Hz
Consumption	<110W	<150W	<230W	<180W	<230W
Net Weight	13kg	16.5kg	16.5kg	16.5kg	28.8kg
Product Dimension (mm)	1022.4 * 577.1 * 88.9	1213.6 * 684.4 * 88.9	1212.1 * 682.9 * 88.9	1213.5 * 684.5 * 60.1	1432.6 * 807.6 * 74.9













Devices and accessory related

Product	HD Smart Play BOX		HDMI Distributor		Hydraulic support	
Model	ZK-M1-8G	ZK-D4	ZK-D8	ZK-D10	ZK-S46-55	ZK-S65
Picture						
Specification	<ul style="list-style-type: none"> •Support Android 7.1 system •Strong compatibility and secondary development supported •Support local / network timing switch •Support Ethernet/WIFI/BT/by default •Stable and 7x24 hours continuous working •Rich interfaces to meet various peripheral requirements 	Support 1ch HDMI Input, 4ch HDMI output,	Support 1ch HDMI Input, 8ch HDMI output,	Support 1ch HDMI Input, 10ch HDMI output,	Suitable for 46-55 inch splicing screen. Required QTY is equal to QTY of splicing screen.	Suitable for 65 inch spcing screen. Required QTY is equal to QTY of splicing screen.

Decoder

Model	ZK-DEC-8605-4K	ZK-DEC-8609-4K
Picture		
Main Processor	Multi-core embedded processor	Multi-core embedded processor
Operating System	Embedded LINUX	Embedded LINUX
Video Compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Input	1* HDMI / Network Video Sources / Others	1* HDMI / Network Video Sources / Others
Output	5*HDMI Output	9*HDMI Output
Output Resolution	4K: 3840 *2160@50/60Hz;5MP: 2592*1944@50/60Hz; 4MP: 2560*1440@50/60Hz;1080P: 1920*1080@50/60 Hz; 720P: 1280*720@50 Hz/60 Hz	4K: 3840 *2160@50/60Hz; 5MP: 2592*1944@50/60Hz; 4MP: 2560*1440@50/60Hz; 1080P: 1920*1080@50/60 Hz; 720P: 1280*720@50 Hz/60 Hz
Audio Compression	G.711A,G.711U and AAC	G.711A,G.711U and AAC
Audio Decoding	Support	Support
Decoding Reolution	Up to 8MP (4K)	Up to 8MP (4K)
Decoding Channel	Up to 125 channels	Up to 225 channels
Decoding Capacity	7ch*4K@30fps; 20ch*5MP@30fps; 22ch*4MP@30fps; 40ch*2MP@30fps; 70ch*720P@30fps; 125ch*D1@30fps	11ch*4K@30fps; 22ch*5MP@30fps; 32ch*4MP@30fps; 64ch*2MP@30fps; 129ch*720P@30fps; 225ch*D1@30fps
Split Screen	1/4/6/8/9/16/25	1/4/6/8/9/16/25
Audio Input/Output	1/1	1/1
Alarm Input/Output	6/4	6/4
Power Supply	AC 100~240V, 47~63Hz	AC 100~240V, 47~63Hz
Dimension (mm)	440 * 322 * 47.85	440 * 322 * 47.85

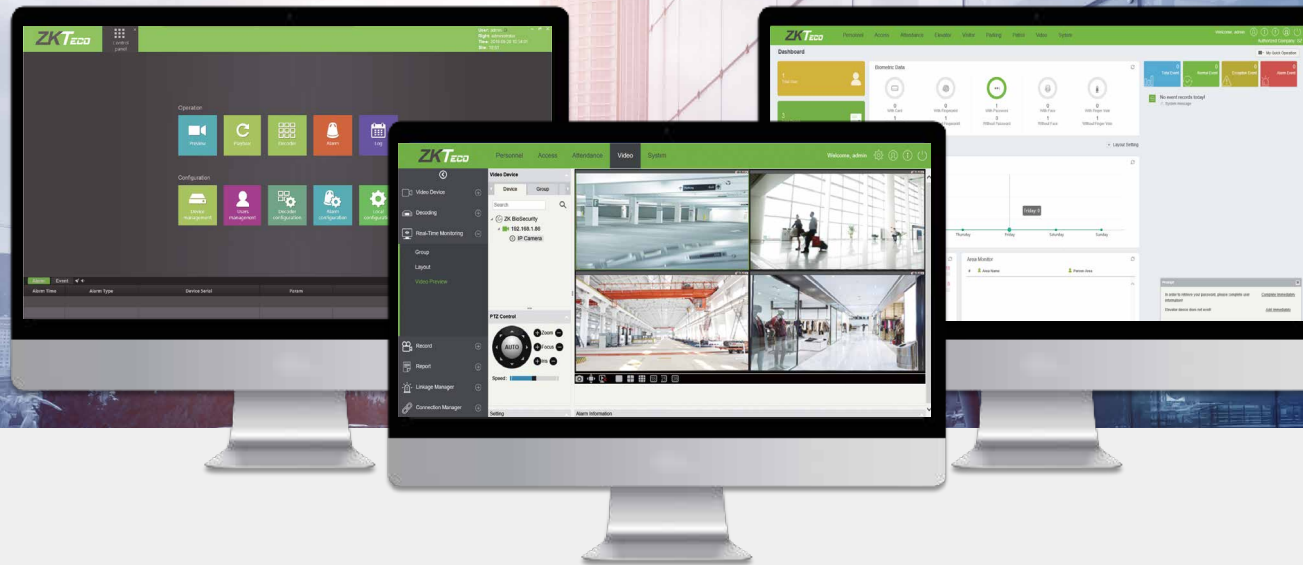
Accessories

Accessories				
	Lens	Junction Box		
Model	YT3011-3MP	GB01	GB02	GB03
Picture				
Description	CS lens, 3.6-11mm, F1.5,1/1.8" 3MP Manual Zoom&Focus, Auto Iris. Material Code: A36040112	Waterproof Junction box 135mm*45.5mm(Φ*H), weight 0.45kgs For cases: BS-C, ES-C, BL-S, BL-L, EL-I, BS-B, ES-B	Junction Box with Straight Bracket Diameter of Junction box: 170mm; Bracket: 60-120mm, ajustable, straight type, Metal	Junction Box with Bent Bracket Diameter of Junction box: 170mm; Bracket: 60-120mm ajustable, Bent type, Metal
Bracket for Cameras				
Model	MT03	MT04	ZJ007	ZJ006
Picture				
Description	Corner mount L*W*H: 150*150*128(mm) weight: 1Kg For camrea cases: BS-K, BS-B, ES-H, BL-L, EH-I, GB01, BS-C, ES-C, BL-S	Pole mount L*W*H: 150*150*50(mm) weight: 0.8Kg For camrea cases: BS-K, BS-B, ES-H, BL-L, EH-I, GB01, BS-C, ES-C, BL-S	Corner mount L*W*H: 180*131*127.25(mm) weight: 2.3Kg For PTZ cases: PS-L, PS-M	Pole mount L*W*H: 180*138.8*41.5(mm) weight: 1Kg For PTZ cases: PS-L, PS-M
Bracket for Analogue PTZ Cameras				
Model	PB04	PB05	MT05	MT06
Picture				
Description	Pendant bracket L: 135mm, D: Φ128mm, weight: 0.52Kg For analog PTZ cases: PS-J	Pendant bracket L: 254mm, D: Φ121mm, weight: 0.76Kg For analog PTZ cases: PL-D	Pole mount L*W: 195*125(mm), weight: 1.08Kg For analog PTZ cases: PL-D	Corner mount L*W: 240*143(mm), weight:1.7Kg For analog PTZ cases: PL-D

Network Cable

Model	XL500-CPR	XL600-CPR	XL500-C	XL600-C
Picture				
Description	CAT 5e,305m,4*2*0.50,OFC, OD5.2mm±0.3mm, CE CPR, Fluke Dimension: 355mm*355mm*220mm, 11.5KG	CAT6,305m,4*2*0.55,OFC, OD6.1mm±0.3mm, CE CPR,Fluke Dimension: 395mm*395mm*235mm, 13.5KG	CAT 5e, 305m, 4*2*0.50, OD5.2mm±0.3mm, Dimension: 355mm*355mm*220mm	CAT6, 305m, 4*2*0.56, OD6.1mm±0.3mm, Dimension: 395mm*395mm*235mm

System Management Software



- ZKBio CVSecurity
- ZKBio Access IVS

- Antarvis 2.0 (VMS)
- Antarview Pro+ (APP)

System Management Software

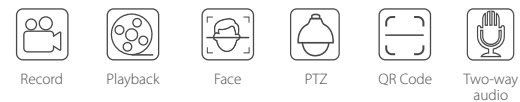
AntarVis 2.0 (VMS)

- Up to 320 channels input
- User-friendly modular design GUI
- Support 64 channels preview synchronously each layout
- Support up to 1/4/9 channels playback synchronously
- Support 3D positioning and Fisheye camera
- Support smart search and e-Map
- Support decoder/TV wall and group management


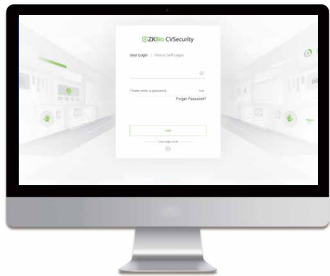


AntarView Pro+

- Intuitive operation, friendly GUI
- Support 1/4/9/16 channels preview synchronously
- Support QR code scanning to add devices via P2P
- Support local and remote playback for images and video
- Support alarm push function
- Support Android and IOS version
- Support Face Registration



System Management Software

Software	ZKBio Access IVS	ZKBio CVSecurity
Picture		
Target Market	SMB	Project
Deployment	CPU i5, 2.5GHz or above Flash Memory 4GB or above	CPU i5, 2.5GHz or above Flash Memory 8GB or above
Architecture	B/S	B/S
Modules	Video Surveillance, Access Control, Time Attendance, Personnel Mgt	Full modules
Channels	25 Access+ 5 T/A + 64 channels IP cameras for Free	Unlimited, Charged by licences
Access Control Devices	Access Control Panels(C2 Series) Standalone Access Control Devices with Push Firmware (F1 8/F1 9/F21/MB800/etc.) Visible Light Facial Recognition Series Devices	Access Control Panels (In Bio Pro Series) Green Label Standalone Series Devices (ProCapture-T/ProBio/ProFAC etc.) Visible Light Facial Recognition Series Devices
Attendance Devices	New Platform Push Attendance Device (INOI-NUI 60-C/iClockSSO/uFacel 02/etc.) Visible Light Face Recognition Series Device	Green Label Attendance Device(G 1 /G2/G3/G4) Visible Light Face Recognition Series Device
VMS/Video	ZKTeco Lite/Pro/Ultra/Biosense Series IP Cameras and NVR	ZKTeco Lite/Pro/Ultra/Biosense Series IP Cameras and NVR





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