



VIDEO SURVEILLANCE PRODUCTS CATALOGUE



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.



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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.



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

ZKBio Sense IP cameras and NVR supporting Target counting, Line crossing detection, Area 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.



Smart 265+

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



Wide Temperature Range

With working temperature range -30°C to 60 °C, ZKTeco camera works well in a varity 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.



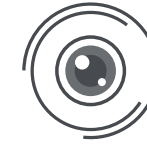
Surge Protection

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.



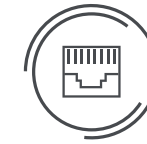
Fisheye

Support Dewarp and up to 4K resolution.



Plug and Play

IP cameras settings as easy as normal HD analog system.



Super PoE

Up to 250 meters PoE transmisson 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 desgin, ZKTeco camera stands against water and dust with industrial IP67 rank.



Network Camera

Lite Series Network Camera

Pro Series Network Camera

Full Color Series Network Camera

ZKBio Sense Series Network Camera

- ZKBio Sense Series Network Camera
- ZKBio Sense Lite Series Network Camera
- ZKBio Sense Series Smart Hybrid Light Network Camera
- ZKBio Sense Series Smart Hybrid Light Active Deterrence Network Camera

ZKBio Sense Series Network PTZ Camera

- 4.5 inch Smart Active Deterrence Network PTZ Camera
- 5.5 inch Smart Active Deterrence Network PTZ Camera

Professional Facial Camera / Fisheye / LPR Camera

Lite Series Network Camera

- Excellent Image
- 2MP / 4MP High Definition
- Face Capture
- Best Cost-Effective



Lite Series Network Camera				
2MP Fixed Lens				
Model	ES-852O21B-S5	ES-852O22B-S5	BS-852O22B-S5	BS-852O23B-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	2.8 mm	3.6 mm	3.6 mm	6 mm
FOV	105°	92°	90°	59°
Max. IR Distance	30 m	30 m	30 m	30 m
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

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	2.8 mm	3.6 mm	3.6 mm	6 mm
FOV	105°	92°	90°	59°
Max. IR Distance	30 m	30 m	30 m	30 m
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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

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	2.8 mm	3.6 mm	3.6 mm	6 mm
FOV	105°	92°	90°	59°
Max. IR Distance	30 m	30 m	30 m	30 m
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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

Lite Series Network Camera

2MP Fixed Lens with Built-in Mic and SD Card Slot

Model	ES-852O21T-S5-MI	ES-852O22T-S5-MI	BS-852O22T-S5-MI	BS-852O23T-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	2.8 mm	3.6 mm	3.6 mm	6 mm
FOV	105°	92°	90°	59°
Max. IR Distance	30 m	30 m	30 m	30 m
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)	Φ 97.00 * 88.50	Φ 97.00 * 88.50	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20

Lite Series Network Camera

2MP Motorized Lens

Model	BL-852O38S-S5	EL-852O38I-S5	DL-852O28B-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	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm
FOV	38° ~ 101°	38° ~ 101°	38° ~ 101°
Max. IR Distance	50 m	50 m	30 m
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	Φ 111.6 * 105	Φ 102 * 93.3

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	2.8 mm	3.6 mm	3.6 mm	6 mm
FOV	103°	93°	90°	56°
Max. IR Distance	30 m	30 m	30 m	30 m
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)	Φ 85.65 * 95	Φ 85.65 * 95	145 * 65 * 65	145 * 65 * 65

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	2.8 mm	3.6 mm	3.6 mm	6 mm
FOV	103°	93°	90°	56°
Max. IR Distance	30 m	30 m	30 m	30 m
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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

Lite Series Network Camera			
4MP Motorized Lens			
Model	BL-854N38S-S7	EL-854N38I-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 ~ 12 mm	2.8 ~ 12 mm	2.8 ~ 12 mm
FOV	37° ~ 98°	37° ~ 98°	37° ~ 98°
Max. IR Distance	50 m	50 m	30 m
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	Φ 111.6 * 105	Φ 102 * 93.3

Pro Series Network Camera

- High Definition up to 4k
- Excellent Night Vision & True
- Face Capture & Face Recognition WDR
- Wide Selection



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	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	85°	60°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
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°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	Φ 107 * 107	Φ 107 * 107

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	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	85°	60°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
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

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	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	5.15 mm ~ 47.38 mm
FOV	38° ~ 107°	38° ~ 107°	38° ~ 107°	38° ~ 107°	8° ~ 60°
Max. IR Distance	80 m	50 m	30 m	80 m	100 m
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	Φ 111.6 * 105	Φ 102 * 93.3	246 * 85 * 76	246 * 85 * 76

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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	87°	68°	90°	115°
Max. IR Distance	30 m	30 m	30 m	30 m
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	Φ 107 * 107	Φ 107 * 107

Pro Series Network Camera

5MP Fixed Lens with built-in Mic and SD Card Slot

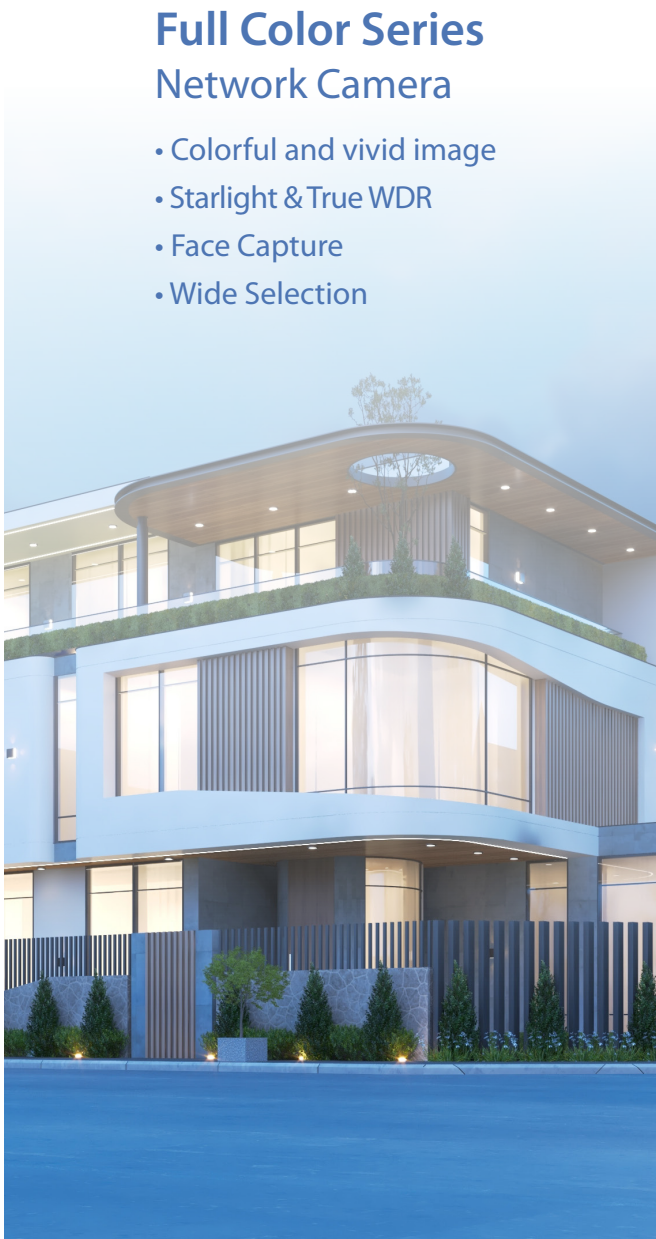
Model	ES-855P22T-S7-MI	ES-855P21T-S7-MI	BS-855P22T-S7-MI	BS-855P23T-S7-MI
Picture				
Image Sensor	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS	1/2.7"CMOS
Max. Resolution	5MP (2592 * 1944)	5MP (2592 * 1944)	5MP (2592 * 1944)	5MP (2592 * 1944)
Min. Illumination	Color: 0.01Lux @ F1.6 (AGC ON) B/W: 0.001Lux @ F1.6 (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	3.6 mm	2.8 mm	3.6 mm	6 mm
FOV	90°	115°	87°	68°
Max. IR Distance	30 m	30 m	30 m	30 m
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)	Φ 97.00 * 88.50	Φ 97.00* 88.50	180.80 * 75 .30 * 66.20	180.80 * 75 .30 * 66.20

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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	87°	68°	90°	115°
Max. IR Distance	30 m	30 m	30 m	30 m
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	Φ 107 * 107	Φ 107 * 107

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	3.6 mm ~ 10.8 mm	3.6 mm ~ 10.8 mm	3.6 mm ~ 10.8 mm
FOV	35° ~ 95°	35° ~ 95°	35° ~ 95°
Max. IR Distance	80 m	30 m	80 m
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	1/1	1/1
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	Φ 102 * 93.3	246 * 85 * 76

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	3.6 mm	6 mm	3.6 mm
FOV	95°	60°	95°
Max. IR Distance	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 8MP @ 20fps / 5MP @ 25fps / 4MP @ 25fps / 2MP @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 8MP @ 20fps / 5MP @ 25fps / 4MP @ 25fps / 2MP @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 8MP @ 20fps / 5MP @ 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	2/1
Memory Slot	N/A	N/A	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)	171 * 75 * 66	171 * 75 * 66	Φ 102 * 93.3

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 ~ 10.05 mm	3.2 ~ 10.05 mm	3.2 ~ 10.05 mm
FOV	36° ~ 107°	36° ~ 107°	36° ~ 107°
Max. IR Distance	80 m	30 m	80 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 8MP @ 20fps / 5MP @ 25fps / 4MP @ 25fps / 2MP @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 8MP @ 20fps / 5MP @ 25fps / 4MP @ 25fps / 2MP @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 8MP @ 20fps / 5MP @ 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	1/0	1/1	1/1
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	Φ 102 * 93.3	246 * 85 * 76



Full Color Series Network Camera

- Colorful and vivid image
- Starlight & True WDR
- Face Capture
- Wide Selection

Full Color Series Network Camera				
2MP Fixed Lens				
Model	ES-852O12C-S5-C	ES-852O11C-S5-C	BS-852O12C-S5-C	BS-852O11C-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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	90°	115°	85°	110°
White light Range	20 m	20 m	20 m	20 m
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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

Full Color Series Network Camera				
2MP Fixed Lens with Built-in Mic				
Model	ES-852O12C-S5-C-MI	ES-852O11C-S5-C-MI	BS-852O12C-S5-C-MI	BS-852O11C-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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	90°	115°	85°	110°
White light Range	20 m	20 m	20 m	20 m
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 / CIF @ 25fps Third Stream: N/A	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

Full Color Series Network Camera

2MP Fixed Lens with Built-in Mic and SD Card Slot

Model	ES-852O12T-S5-C-MI	ES-852O11T-S5-C-MI	BS-852O12T-S5-C-MI	BS-852O11T-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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	90°	115°	85°	110°
White light Range	20 m	20 m	20 m	20 m
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 / CIF @ 25fps Third Stream: N/A	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps /VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps /VGA @ 25fps / CIF @ 25fps Third Stream: N/A	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 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)	Φ 97.00 * 88.50	Φ 97.00 * 88.50	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2

Full Color Series 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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	90°	115°	85°	110°
White light Range	20 m	20 m	20 m	20 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

Full Color Series 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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	90°	115°	85°	115°
White light Range	20 m	20 m	20 m	20 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 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)	Φ 107 * 107	Φ 107 * 107	171 * 75 * 66	171 * 75 * 66

Full Color Series 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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	90°	115°	85°	110°
White light Range	20 m	20 m	20 m	20 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 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 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)	Φ 97.00 * 88.50	Φ 97.00 * 88.50	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2

Full Color Network Camera				
	2MP Motorized Lens		5MP Motorized Lens	
Model	BL-852O38S-S5-C	EL-852O38I-S5-C	BL-855P38S-S7-C	EL-855P38I-S7-C
Picture				
Image Sensor	1/2.9" CMOS	1/2.9" CMOS	1/2.7" CMOS	1/2.7" CMOS
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	5MP (2592 * 1944)	5MP (2592 * 1944)
Min. Illumination	Color: 0.0001Lux @ F1.7 ~ 3.0 (AGC ON)	Color: 0.0001Lux @ F1.7 ~ 3.0 (AGC ON)	Color: 0.0001Lux @ F1.7 ~ 3.3 (AGC ON)	Color: 0.0001Lux @ F1.7 ~ 3.3 (AGC ON)
Focal Lens	3.35 ~ 10.05 mm	3.35 ~ 10.05 mm	3.6 ~ 10.8 mm	3.6 ~ 10.8 mm
FOV	38° ~ 101°	38° ~ 101°	35° ~ 95°	35° ~ 95°
White light Range	50 m	50 m	50 m	50 m
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 / CIF @ 25fps Third stream: N/A	Main stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third stream: N/A	Main stream: 5MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third stream: N/A	Main stream: 5MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third stream: N/A
WDR	DWDR	DWDR	TWDR	TWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Face Detection	Face Detection	Face Detection	Face Detection
Audio In / Out	1/0	1/0	1/0	1/0
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)	246 * 85 * 76	Φ 111.6 * 105	246 * 85 * 76	Φ 111.6 * 105

ZKBio Sense Series Network Camera

- Human / Vehide Classification
- Target Counting / Line Crossing
- Intrusion Detection / Motion Detection
- Object Left / Lost
- And more....



ZKBio Sense Series 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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	85°	60°	90°	110°
Max. IR Distance	30 m	30 m	30 m	30 m
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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Series Network Camera

2MP Fixed Lens with Bulit-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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	85°	60°	90°	110°
Max. IR Distance	30 m	30 m	30 m	30 m
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	Φ 107 * 107	Φ 107 *107

ZKBio Sense Series 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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	85°	68°	90°	110°
Max. IR Distance	30 m	30 m	30 m	30 m
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	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	Φ 97.00 * 88.50	Φ 97.00 * 88.50

ZKBio Sense Series 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: 0Lux @ F1.7 ~ 3.0 (IR ON)	Color: 0.001Lux @ F1.7 ~ 3.0 (AGC ON) B/W: 0Lux @ F1.7 ~ 3.0 (IR ON)	Color: 0.001Lux @ F1.7 ~ 3.0 (AGC ON) B/W: 0Lux @ F1.7 ~ 3.0 (IR ON)	Color: 0.001Lux @ F1.7 ~ 3.0 (AGC ON) B/W: 0Lux @ F1.7 ~ 3.0 (IR ON)
Focal Lens	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm
FOV	38° ~ 107°	38° ~ 107°	38° ~ 107°	38° ~ 107°
Max. IR Distance	80 m	50 m	30 m	80 m
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	1/1	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	Φ 102 * 93.2	Φ 102 * 93.3	246 * 85 * 76

ZKBio Sense Series 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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	87°	68°	90°	110°
Max. IR Distance	30 m	30 m	30 m	30 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Series 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	3.6 mm	6 mm	3.6 mm	2.8 mm
FOV	95°	68°	98°	108°
Max. IR Distance	30 m	30 m	30 m	30 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Series 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	3.6 mm	2.8 mm	3.6 mm	6 mm
FOV	98°	108°	95°	68°
Max. IR Distance	30 m	30 m	30 m	30 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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)	Φ 97 * 88.5	Φ 97 * 88.5	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2

ZKBio Sense Series 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	3.6 mm ~ 10.8 mm	3.6 mm ~ 10.8 mm	3.6 mm ~ 10.8 mm
FOV	35° ~ 95°	35° ~ 95°	35° ~ 95°
Max. IR Distance	50 m	30 m	80 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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	1/1	1/1
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)	Φ 102 * 93.2	Φ 102 * 93.3	246 * 85 * 76

ZKBio Sense Series 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	2.8 mm	3.6 mm	3.6 mm	2.8 mm
FOV	120°	100°	98°	118°
White Light Range	20 m	20 m	20 m	20 m
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	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)	Φ 97 * 88.5	Φ 97 * 88.5	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20

ZKBio Sense Series 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	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	100°	110°	97°	108°
White Light Range	20 m	20 m	20 m	20 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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)	Φ 97 * 88.5	Φ 97 * 88.5	180.80 * 75.30 * 66.20	180.80 * 75.30 * 66.20

ZKBio Sense Lite Series Network Camera

2MP Fixed Lens				
Model	BS-852E22C-S3-SE	BS-852E23C-S3-SE	ES-852E21C-S3-SE	ES-852E22C-S3-SE
Picture				
Image Sensor	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)
Min. Illumination	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)
Focal Lens	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	85°	60°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
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	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera

2MP Fixed Lens with Built-in Mic				
Model	BS-852E22C-S3-MI-SE	BS-852E23C-S3-MI-SE	ES-852E21C-S3-MI-SE	ES-852E22C-S3-MI-SE
Picture				
Image Sensor	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)
Min. Illumination	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0 Lux (IR on)
Focal Lens	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	85°	60°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
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	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera

2MP Fixed Lens with Built-in Mic and SD Card Slot				
Model	BS-852E22T-S3-MI-SE	BS-852E23T-S3-MI-SE	ES-852E21T-S3-MI-SE	ES-852E22T-S3-MI-SE
Picture				
Image Sensor	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)
Min. Illumination	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F2.0 (AGC on) B/W: 0Lux (IR on)
Focal Lens	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	85°	68°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
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	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
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)	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2	Φ 97 * 88.5	Φ 97 * 88.5

ZKBio Sense Lite Series Network Camera

2MP Motorized Lens					
Model	BL-852E38S-S3-SE	EL-852E38I-S3-SE	DL-852E28B-S3-SE	BL-852E38A-S3-SE	DL-852E28B-S3-SE-F
Picture					
Image Sensor	1/2.9" 2MP CMOS	1/2.9" 2MP 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)	2MP (1920 * 1080)
Min. Illumination	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)
Focal Lens	2.8 ~ 12 mm	2.8 ~ 12 mm	2.8 ~ 12 mm	2.8 ~ 12 mm	2.8 ~ 12 mm
FOV	38° ~ 98°	37° ~ 98°	37° ~ 98°	38° ~ 98°	37° ~ 98°
Max. IR Distance	50 m	50 m	30 m	50 m	30 m
Video Compression	H.264 / H.265	H.264 / H.265	H.264 / H.265	H.264 / H.265	H.264 / H.265
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	DWDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	1/1	1/1	1/1	1/1	1/1
Alarm In / Out	N/A	N/A	N/A	2/1	2/1
Memory Slot	N/A	N/A	N/A	Support (Max. 256GB)	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30℃ ~ 60 ℃	-30℃ ~ 60 ℃	-30℃ ~ 60 ℃	-30℃ ~ 60℃	-30℃ ~ 60℃
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	Φ 102 * 93.2	Φ 102 * 93.3	246 * 85 * 76	Φ 102 * 93.3

ZKBio Sense Lite Series Network Camera

4MP Fixed Lens				
Model	BS-854F22C-S3-SE	BS-854F23C-S3-SE	ES-854F21C-S3-SE	ES-854F22C-S3-SE
Picture				
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
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: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)
Focal Lens	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	87°	65°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃
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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera

4MP Fixed Lens with Built-in Mic				
Model	BS-854F22C-S3-MI-SE	BS-854F23C-S3-MI-SE	ES-854F21C-S3-MI-SE	ES-854F22C-S3-MI-SE
Picture				
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
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: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)
Focal Lens	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	87°	65°	110°	90°
Max. IR Distance	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera

4MP Fixed Lens with Built-in Mic and SD Card Slot				
Model	BS-854F22T-S3-MI-SE	BS-854F23T-S3-MI-SE	ES-854F21T-S3-MI-SE	ES-854F22T-S3-MI-SE
Picture				
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
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: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)	Color: 0.01Lux @ F1.6 (AGC.on) B/W: 0Lux (IR on)
Focal Lens	3.6 mm	6 mm	2.8 mm	3.6 mm
FOV	95°	68°	108°	98°
Max. IR Distance	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
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)	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2	Φ 97 * 88.5	Φ 97 * 88.5

ZKBio Sense Lite Series Network Camera

4MP Motorized Lens

Model	BL-854F38S-S3-SE	EL-854F38I-S3-SE	DL-854F28B-S3-SE	BL-854F38A-S3-SE	DL-854F28B-S3-SE-F
Picture					
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)	0.01Lux @ F1.4 ~ 2.8 (AGC on, Color) 0lux (IR on, B&W)
Focal Lens	2.8 ~12 mm	2.8 ~12 mm	2.8 ~12 mm	2.8 ~12 mm	2.8 ~12 mm
FOV	38° ~ 98°	35° ~ 98°	32° ~ 98°	38° ~ 98°	32° ~ 98°
Max. IR Distance	50 m	50 m	30 m	50 m	30 m
Video Compression	H.264 / H.265	H.264 / H.265	H.264 / H.265	H.264 / H.265	H.264 / H.265
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	1/1	1/1	1/1	1/1	1/1
Alarm In / Out	N/A	N/A	N/A	2/1	2/1
Memory Slot	N/A	N/A	N/A	Support (Max. 256GB)	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃
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	Φ 102 * 93.2	Φ 102 * 93.3	246 * 85 * 76	Φ 102 * 93.3

ZKBio Sense Lite Series Network Camera

2MP Full Color Fixed Lens

Model	BS-852E12C-S3-C-SE	BS-852E11C-S3-C-SE	ES-852E12C-S3-C-SE	ES-852E11C-S3-C-SE
Picture	 	 	 	 
Image Sensor	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP 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: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)
Focal Lens	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	98°	118°	100°	120°
White Light Range	20 m	20 m	20 m	20 m
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 / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃	-30℃ ~ 60℃
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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera

2MP Full Color Fixed Lens With Built-in Mic				
Model	BS-852E12C-S3-C-MI-SE	BS-852E11C-S3-C-MI-SE	ES-852E12C-S3-C-MI-SE	ES-852E11C-S3-C-MI-SE
Picture				
Image Sensor	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP CMOS	1/2.9" 2MP 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: 0.001Lux@F1.0 (AGC on)	Color: 0.001Lux@F1.0 (AGC on)	Color: 0.001Lux@F1.0 (AGC on)
Focal Lens	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	98°	118°	100°	120°
White Light Range	20 m	20 m	20 m	20 m
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 / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera

2MP Full Color Fixed Lens with Built-in Mic and SD Card Slot				
Model	BS-852E11T-S3-C-MI-SE	BS-852E12T-S3-C-MI-SE	ES-852E11T-S3-C-MI-SE	ES-852E12T-S3-C-MI-SE
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: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)
Focal Lens	2.8 mm	3.6 mm	2.8 mm	3.6 mm
FOV	118°	98°	120°	100°
White Light Range	20 m	20 m	20 m	20 m
Video Compression	H.264 / H.265	H.264 / H.265	H.264 / H.265	H.264 / H.265
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
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)	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2	Φ 97 * 88.5	Φ 97 * 88.5

ZKBio Sense Lite Series Network Camera

4MP Full Color Fixed Lens				
Model	BS-854F12C-S3-C-SE	BS-854F11C-S3-C-SE	ES-854F12C-S3-C-SE	ES-854F11C-S3-C-SE
Picture				
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)
Focal Lens	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	98°	118°	100°	120°
White Light Range	20 m	20 m	20 m	20 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	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

ZKBio Sense Lite Series Network Camera

4MP Full Color Fixed Lens with Built-in Mic				
Model	BS-854F12C-S3-C-MI-SE	BS-854F11C-S3-C-MI-SE	ES-854F12C-S3-C-MI-SE	ES-854F11C-S3-C-MI-SE
Picture				
Image Sensor	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS	1/3" 4MP CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)
Focal Lens	3.6 mm	2.8 mm	3.6 mm	2.8 mm
FOV	98°	118°	100°	120°
White Light Range	20 m	20 m	20 m	20 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
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	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	Φ 107 * 107	Φ 107 * 107

ZKBio Sense Lite Series Network Camera				
4MP Full Color Fixed Lens with Built-in Mic and SD Card Slot				
Model	BS-854F11T-S3-C-MI-SE	BS-854F12T-S3-C-MI-SE	ES-854F11T-S3-C-MI-SE	ES-854F12T-S3-C-MI-SE
Picture				
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)	Color: 0.001Lux @ F1.0 (AGC on)
Focal Lens	2.8mm	3.6mm	2.8mm	3.6 mm
FOV	108°	97°	110°	100°
White Light Range	20 m	20 m	20 m	20 m
Video Compression	H.264 / H.265	H.264 / H.265	H.264 / H.265	H.264 / H.265
Frame Rate	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps	Main Stream: 4MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 1080P @ 25fps
WDR	DWDR	DWDR	DWDR	DWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
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)	180.8 * 75.3 * 66.2	180.8 * 75.3 * 66.2	Φ 97 * 88.5	Φ 97 * 88.5

ZKBio Sense Series Smart Hybrid Light Network Camera

- Human / Vehide Classification
- White Light & IR Integrated Light
- Target Counting / Line Crossing
- Area Detection / Motion Detection
- Object Left / Lost
- And more....



ZKBio Sense Series Smart Hybrid Light Network Camera				
2MP Fixed Lens (Built-in Mic and SD Card Slot Optional)				
Model	ES-852E31C / 32C-S3-S-HL	ES-852E31C / 32C-S3-MI-S-HL	BS-852E32C / 33C-S3-S-HL	BS-852E32C / 33C-S3-MI-S-HL
Picture				
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)
Min. Illumination	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)
Focal Lens	2.8 mm ~ 3.6 mm	2.8 mm ~ 3.6 mm	3.6 mm ~ 6 mm	3.6 mm ~ 6 mm
FOV	110° ~ 90°	110° ~ 90°	85° ~ 60°	85° ~ 60°
Max. IR Distance	40 m	40 m	40 m	40 m
White Light Range	30 m	30 m	30 m	30 m
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 @ 25 fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / Q720P @ 25 fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / Q720P @ 25 fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / Q720P @ 25 fps Third Stream: 1080P @ 25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	N/A	Built-in Mic for audio input	N/A	Built-in Mic for audio input
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 (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	Φ 107.00 * 107.00	Φ 107.00 * 107.00	171.00 * 75.00 * 66.00	171.00 * 75.00 * 66.00

ZKBio Sense Series Smart Hybrid Light Network Camera		
2MP Fixed Lens (Built-in Mic and SD Card Slot optional)		
Model	DS-852E31B / 32B / 33B-S3-MI-S-HL	DS-852E31T / 32T / 33T-S3-MI-S-HL
Picture		
Image Sensor	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	2MP (1920*1080)	2MP (1920*1080)
Min. Illumination	Color: 0.001 Lux @ F1.3 (AGC on, Color) 0 lux (IR on, B & W)	Color: 0.001 Lux @ F1.3 (AGC on, Color) 0 lux (IR on, B & W)
Focal Lens	2.8 mm / 3.6 mm / 6 mm	2.8 mm / 3.6 mm / 6 mm
FOV	110° ~ 60°	110° ~ 60°
Max. IR Distance	40 m	40 m
White Light Range	30 m	30 m
Video Compression	H.264 / H.265	H.264 / H.265
Frame Rate	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / Q720P @ 25 fps Third Stream: 1080P @ 25fps	Main Stream: 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / Q720P @ 25 fps Third Stream: 1080P @ 25fps
WDR	TWDR	TWDR
Day / Night	Support	Support
Intelligent Video	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	Built-in Mic for audio input	Built-in Mic for audio input
Alarm In / Out	N/A	N/A
Memory Slot	N/A	Support (Max. 256GB)
Casing	Metal	Metal
Ingress Protection	IP67	IP67
Working Temperature	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	Ø 117 * 94.2	Ø 117 * 94.2

ZKBio Sense Series Smart Hybrid Light Network Camera						
2MP Fixed Lens (Built-in Mic and SD Card Slot Optional)			2MP Motorized Lens			
Model	ES-852E31T / 32T-S3-MI-S-HL	BS-852E32T / 33T-S3-MI-S-HL	BL-852E48S-S3-S-HL	BL-852E48A-S3-S-HL	EL-852E48I-S3-S-HL	DL-852E38B-S3-S-HL
Picture						
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)
Min. Illumination	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.7 to 3.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)
Focal Lens	2.8 mm ~ 3.6 mm	3.6 mm ~ 6 mm	2.8 ~ 12 mm Motorized lens	2.8 ~ 12 mm Motorized lens	3.6 ~ 10.8 mm Motorized lens	2.8 ~ 12 mm Motorized lens
FOV	110° to 90°	98° to 60°	38° to 98°	38° to 98°	38° to 107°	37° to 98°
Max. IR Distance	40 m	40 m	80 m	80 m	80 m	80 m
White Light Range	30 m	30 m	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	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	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	TWDR
Day / Night	Support	Support	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	Built-in Mic for audio input	Built-in Mic for audio input	1/1	1/1	1/1	1/1
Alarm In / Out	N/A	N/A	N/A	2/1	N/A	2/1
Memory Slot	Support (Max. 256GB)	Support (Max. 256GB)	N/A	Support (Max. 256GB)	N/A	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	Φ 97.00 * 88.50	180.80 * 75.30 * 66.20	246.00 * 85.00 * 76.00	246.00 * 85.00 * 76.00	Φ 102.00 * 93.20	Φ 102.00 * 93.20

ZKBio Sense Series Smart Hybrid Light Network Camera						
4MP Fixed Lens (Built-in Mic and SD Card Slot Optional)						
Model	ES-854F31C / 32C-S3-S-HL	ES-854F31C / 32C-S3-MI-S-HL	BS-854F32C / 33C-S3-S-HL	BS-854F32C / 33C-S3-MI-S-HL	ES-854F31T / 32T-S3-MI-S-HL	BS-854F32T / 33T-S3-MI-S-HL
Picture						
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)
Focal Lens	2.8 mm ~ 3.6 mm	2.8 mm ~ 3.6 mm	3.6 mm ~ 6 mm	3.6 mm ~ 6 mm	2.8 mm ~ 3.6 mm	3.6 mm ~ 6 mm
FOV	110° ~ 90°	110° ~ 90°	87° ~ 65°	87° ~ 65°	110° ~ 90°	87° ~ 65°
Max. IR Distance	40 m	40 m	40 m	40 m	40 m	40 m
White Light Range	30 m	30 m	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps
WDR	TWDR	TWDR	TWDR	TWDR	TWDR	TWDR
Day / Night	Support	Support	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	N/A	Built-in Mic for audio input	N/A	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	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A	Support (Max. 256GB)	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	Φ 107.00 * 107.00	Φ 107.00 * 107.00	171.00 * 75.00 * 66.00	171.00 * 75.00 * 66.00	Φ 97.00 * 88.50	180.80 * 75.30 * 66.20

ZKBio Sense Series Smart Hybrid Light Network Camera		
4MP Fixed Lens (Built-in Mic and SD Card Slot optional)		
Model	DS-854F31B / 32B / 33B-S3-MI-S-HL	DS-854F31T / 32T / 33T-S3-MI-S-HL
Picture		
Image Sensor	1/3"CMOS	1/3" CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	Color: 0.001 Lux @ F1.3 (AGC on, Color) 0 lux (IR on, B & W)	Color: 0.001 Lux @ F1.3 (AGC on, Color) 0 lux (IR on, B & W)
Focal Lens	2.8 mm / 3.6 mm / 6 mm	2.8 mm / 3.6 mm / 6 mm
FOV	110° ~ 60°	110° ~ 60°
Max. IR Distance	40 m	40 m
White Light Range	30 m	30 m
Video Compression	H.264 / H.265	H.264 / H.265
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps
WDR	TWDR	TWDR
Day / Night	Support	Support
Intelligent Video	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	Built-in Mic for audio input	Built-in Mic for audio input
Alarm In / Out	N/A	N/A
Memory Slot	N/A	Support (Max. 256GB)
Casing	Metal	Metal
Ingress Protection	IP67	IP67
Working Temperature	-30°C ~ 60°C (–22 °F to +140 °F)	-30°C ~ 60°C (–22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	Ø 117 * 94.2	Ø 117 * 94.2

ZKBio Sense Series Smart Hybrid Light Network Camera

4MP Motorized Lens

Model	BL-854F48S-S3-S-HL	BL-854F48A-S3-S-HL	EL-854F48I-S3-S-HL	DL-854F38B-S3-S-HL
Picture				
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
Max. Resolution	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)	4MP (2560 * 1440)
Min. Illumination	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.7 to 3.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)
Focal Lens	2.8 ~ 12 mm Motorized lens	2.8 ~ 12 mm Motorized lens	3.6 ~ 10.8 mm Motorized lens	2.8 ~ 12 mm Motorized lens
FOV	38° to 98°	38° to 98°	38° to 107°	38° to 100°
Max. IR Distance	80 m	80 m	80 m	50 m
White Light Range	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps	Main Stream: 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: 4MP @ 25fps
WDR	TWDR	TWDR	TWDR	TWDR
Day / Night	Support	Support	Support	Support
Intelligent Video	Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)	Line Crossing, Area detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	1/1	1/1	1/1	1/1
Alarm In / Out	N/A	2/1	N/A	2/1
Memory Slot	N/A	Support (Max. 256GB)	N/A	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67, IK10
Working Temperature	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	246.00 * 85.00 * 76.00	246.00 * 85.00 * 76.00	Φ 102.00 * 93.20	Φ 133.10 * 102.00

ZKBio Sense Series Smart Hybrid Light Network Camera

5MP Fixed Lens (Built-in Mic and SD Card Slot Optional)

Model	ES-855P31C / 32C-S8-S-HL	ES-855P31C / 32C-S8-MI-S-HL	BS-855P32C / 33C-S8-S-HL	BS-855P32C / 33C-S8-MI-S-HL	ES-855P31T / 32T-S8-MI-S-HL	BS-855P32T / 33T-S8-MI-S-HL
Picture						
Image Sensor	1/2.7" CMOS	1/2.7" CMOS	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)	5MP (2592 * 1944)	5MP (2592 * 1944)
Min. Illumination	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.3 (AGC on, Color) 0Lux (IR on, B & W)
Focal Lens	2.8 mm ~ 3.6 mm	2.8 mm ~ 3.6 mm	3.6 mm ~ 6 mm	3.6 mm ~ 6 mm	2.8 mm ~ 3.6 mm	3.6 mm ~ 6 mm
FOV	110° ~ 90°	110° ~ 90°	87° ~ 65°	87° ~ 65°	110° ~ 90°	95° ~ 65°
Max. IR Distance	40 m	40 m	40 m	40 m	40 m	40 m
White Light Range	30 m	30 m	30 m	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 25fps Third Stream: N/A
WDR	TWDR	TWDR	TWDR	TWDR	TWDR	TWDR
Day / Night	Support	Support	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)	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	Built-in Mic for audio input	N/A	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	N/A	N/A
Memory Slot	N/A	N/A	N/A	N/A	Support (Max. 256GB)	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67	IP67	IP67
Working Temperature	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)	-30℃ ~ 60℃ (−22 °F to +140 °F)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	Φ 107.00 * 107.00	Φ 107.00 * 107.00	171.00 * 75.00 * 66.00	171.00 * 75.00 * 66.00	Φ 97.00 * 88.50	180.80 * 75.30 * 66.20

ZKBio Sense Series Smart Hybrid Light Network Camera

5MP Motorized Lens				
Model	BL-854F48S-S3-S-HL	BL-854F48A-S3-S-HL	EL-854F48I-S3-S-HL	DL-854F38B-S3-S-HL
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 @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.7 to 3.3 (AGC on, Color) 0Lux (IR on, B & W)	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0Lux (IR on, B & W)
Focal Lens	2.8 ~ 12 mm Motorized lens	2.8 ~ 12 mm Motorized lens	3.6 ~ 10.8 mm Motorized lens	2.8 ~ 12 mm Motorized lens
FOV	38° to 98°	38° to 98°	38° to 107°	38° to 100°
Max. IR Distance	80 m	80 m	80 m	40 m
White Light Range	30 m	30 m	30 m	30 m
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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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 @ 25fps / CIF @ 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	1/1	1/1	1/1	1/1
Alarm In / Out	N/A	2/1	N/A	2/1
Memory Slot	N/A	Support (Max. 256GB)	Support (Max. 256GB)	Support (Max. 256GB)
Casing	Metal	Metal	Metal	Metal
Ingress Protection	IP67	IP67	IP67	IP67, IK10
Working Temperature	-30℃ ~ 60℃ (−22 ℉ to +140 ℉)	-30℃ ~ 60℃ (−22 ℉ to +140 ℉)	-30℃ ~ 60℃ (−22 ℉ to +140 ℉)	-30℃ ~ 60℃ (−22 ℉ to +140 ℉)
Power	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%	PoE, DC 12V ± 10%
Dimension (mm)	246.00 * 85.00 * 76.00	246.00 * 85.00 * 76.00	Φ102.00 * 93.20	Φ133.10 * 102.00

ZKBio Sense Series Smart Hybrid Light Active Deterrence Network Camera

- Human / Vehide Classification
- White Light & IR Integrated Light
- Strobe Light (Red and Blue)
- Audio Alert (Embedded Speaker)
- Intelligent Video Analytic
- And more....



ZKBio Sense Series Smart Hybrid Light Active Deterrence Network Camera

2MP Motorized Lens			5MP Motorized Lens		
Model	BL-852T48D-S6-AD		BL-855P48D-S8-AD		
Picture					
Image Sensor	1/2.8" 2 MP STARVIS CMOS Sensor		1/2.7" 5 MP CMOS Sensor		
Max. Resolution	2MP (1920*1080)		5MP (2592*1944)		
Min. Illumination	Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0 Lux (IR on, B & W)		Color: 0.001Lux @ F1.4 to 2.8 (AGC on, Color) 0 Lux (IR on, B & W)		
Focal Lens	Motorized 2.8-12mm		Motorized 2.8-12mm		
FOV	38° to 98°		38° to 98°		
Max. IR Distance	80 m		80 m		
White Light Range	30 m		30 m		
Video Compression	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: 5MP @ 25fps / 4MP @ 25fps / 3MP @ 25fps / 1080P @ 25fps / 960P @ 25fps / 720P @ 25fps Sub Stream: D1 (704 * 576) @ 25fps / VGA @ 25fps / CIF @ 25fps Third Stream: N/A		
WDR	TWDR		TWDR		
Day / Night	Support		Support		
Intelligent Video	Target Counting, Object Lost / Left, Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)		Target Counting, Object Lost / Left, Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)		
Audio In / Out	Built-in Speaker & Microphone		Built-in Speaker & Microphone		
Alarm In / Out	2/1		2/1		
Memory Slot	Support (max. 256 GB)		Support (Max. 256GB)		
Casing	Metal		Metal		
Ingress Protection	IP67		IP67		
Working Temperature	-30℃ ~ 60℃		-30℃ ~ 60℃		
Power	PoE, DC 12V ± 10%		PoE, DC 12V ± 10%		
Dimension (mm)	279.70 * 90.60 * 89.40		279.70 * 90.60 * 89.40		

ZKBio Sense Series IP PTZ

- 20X / 33X Zoom
- Auto Human and Vehicle Tracking
- Smart Video Functions
- Colorful and Vivid Image

Smart Active Deterrence Network PTZ Camera			
	2MP 4.5 inch	2MP 5.5 inch	
Model	PS-852TC20C-AD	PM-852TC20N-AD	PM-852TC33N-AD
Picture			
Image Sensor	1/2.8" 2MP STARVIS CMOS Sensor	1/2.8" 2MP STARVIS CMOS Sensor	1/2.8" 2MP STARVIS CMOS Sensor
Max. Resolution	2MP (1920 * 1080)	2MP (1920 * 1080)	2MP (1920 * 1080)
Focal Lens	20X Zoom f = 4.7 mm ~ 94 mm	20X Zoom f = 4.7 mm ~ 94 mm	33X Zoom f = 4.5 mm ~ 148.5 mm
FOV	64° (W) ~ 3.2° (T)	64° (W) ~ 3.2° (T)	66.1° (W) ~ 2.46° (T)
Max. IR Disatnce	120 m	120 m	150 m
White Light Range	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	25fps / 30fps @ 2MP	25fps / 30fps @ 2MP	25fps / 30fps @ 2MP
WDR	TWDR	TWDR	TWDR
Day / Night	Auto ICR	Auto ICR	Auto ICR
Pan / Tilt	Pan: 0° ~ 360°, Tilt: 0° ~ 90°	Pan: 0° ~ 360°, Tilt: -10° ~ 90°	Pan: 0° ~ 360°, Tilt: -10° ~ 90°
Preset Speed	Pan 0.1°~200°/s, Tilt: 0.1°~180°/s	Pan: 0.1°~200°/s, Tilt: 0.1°~180°/s	Pan: 0.1°~200°/s, Tilt: 0.1°~180°/s
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	Built-in Speaker & Microphone	1/1	1/1
Alarm In / Out	N/A	2/1	2/1
Memory Slot	Support (Max. 256GB)	Support (Max. 256GB)	Support (Max. 256GB)
Ingress Protection	IP66	IP66	IP66
Working Temperature	-30°C~60°C	-30°C~60°C	-30°C~60°C
Power	"PoE (IEEE802.3at, 30W) DC 12V ± 10% 3A reverse polarity protection"	"PoE (IEEE802.3at, 30W) DC 12V ± 10% 3A reverse polarity protection"	"PoE (IEEE802.3at, 30W) DC 12V±10% 3A reverse polarity protection"
Dimension (mm)	280.6 * 128.1 * 207.4	376 * 185 * 277	376 * 185 * 277

Smart Active Deterrence Network PTZ Camera			
	5MP 4.5 inch	5MP 5.5 inch	
Model	PS-855PC20C-AD	PM-855PC20N-AD	PM-855PC33N-AD
Picture			
Image Sensor	1/2.7" 5MP CMOS Sensor	1/2.7" 5MP CMOS Sensor	1/2.7" 5MP CMOS Sensor
Max. Resolution	5MP (2592 * 1944)	5MP (2592 * 1944)	5MP (2592 * 1944)
Focal Lens	20X Zoom F = 4.7 mm ~ 94 mm	20X Zoom F = 4.7 mm ~ 94 mm	33X Zoom F = 4.7 mm ~ 94 mm
FOV	64° (W) ~ 3.2° (T)	64° (W) ~ 3.2° (T)	66.1° (W) ~ 2.46° (T)
Max. IR Distance	120 m	120 m	150 m
White Light Range	30 m	30 m	30 m
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264
Frame Rate	25fps / 30fps @ 5MP	25fps / 30fps @ 5MP	25fps / 30fps @ 5MP
WDR	TWDR	TWDR	TWDR
Day / Night	Auto ICR	Auto ICR	Auto ICR
Pan / Tilt	Pan: 0° ~ 360°, Tilt: -10° ~ 90°	Pan: 0° ~ 360°, Tilt: -10° ~ 90°	Pan: 0° ~ 360°, Tilt: -10° ~ 90°
Preset Speed	Pan 0.1° ~ 200°/s, Tilt: 0.1° ~ 180°/s	Pan 0.1° ~ 200°/s, Tilt: 0.1° ~ 180°/s	Pan 0.1° ~ 200°/s, Tilt: 0.1° ~ 180°/s
Intelligent Video	Target Counting, Object Lost / Left Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Target Counting, Object Lost / Left Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)	Target Counting, Object Lost / Left Line Crossing, Area Detection, Smart Motion Detection (human and vehicle targets classification)
Audio In / Out	Built-in Speaker & Microphone	1/1	1/1
Alarm In / Out	N/A	2/1	2/1
Memory Slot	Support (Max. 256GB)	Support (Max. 256GB)	Support (Max. 256GB)
Ingress Protection	IP66	IP66	IP66
Working Temperature	30°C ~ 60°C	30°C~60°C	30°C~60°C
Power	PoE (IEEE802.3at, 30W) DC 12V ± 10% 3A reverse polarity protection	PoE (IEEE802.3at, 30W) DC 12V ± 10% 3A reverse polarity protection	PoE (IEEE802.3at, 30W) DC 12V ± 10% 3A reverse polarity protection
Dimension (mm)	280.60 * 128.10 * 207.40	185.00 * 291.00 * 276.00	376.00 * 185.00 * 277.00



Professional Facial Camera / Fisheye / LPR Camera

- Professional Performance
- Superior Image
- Face Recognition & IVA
- License Plate Recognition
- Project Specific

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-FS
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 @ F1.4 (AGC ON)
Focal Lens	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	3.35 mm ~ 10.05 mm	1.65 mm
FOV	38° ~ 107°	38° ~ 107°	38° ~ 107°	38° ~ 107°	360°
Max. IR Distance	50 m	30 m	50 m	30 m	20 m
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	169 countries LPR supported	169 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	Φ 102 * 93.3	247 * 85 * 76	Φ 102 * 93.2	Φ149.4 * 50



Network Video Recorder

Non-PoE NVR
PoE NVR

BioSense Non-PoE NVR
BioSense PoE NVR



Network Video Recorder

- Up to 4K Resolution
- H.265+
- IVA
- RAID

Non-PoE NVR						
5MP Series						
Model	Z8504NEQ	Z8508NEQ	Z8516NEQ	Z8504NER	Z8508NER	Z8516NER
Picture						
Channel Input	4CH	8CH	16CH	4CH	4CH	4CH
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265+ / 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)	16CH @ 5MP (25 / 30fps)	4CH @ 5MP (25 / 30fps)	4CH @ 5MP (25 / 30fps)	4CH @ 5MP (25 / 30fps)
Audio Compression	G.711u	G.711u	G.711u	G.711u	G.711u	G.711u
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	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	5MP / 3MP / 1080P / 960P / 720P / D1 / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Incoming Bandwidth	40Mbps	60Mbps	80Mbps	40 Mbps	40 Mbps	40 Mbps
Display	1 / 4CH	1 / 4 / 6 / 8CH	1 / 4 / 6 / 9 / 16CH	1 / 4 CH	1 / 4 CH	1 / 4 CH
Max. HDD	1 SATA Port, up to 8TB capacity	1 SATA Port, up to 8TB capacity	1 SATA Port, up to 8TB capacity	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	N/A	N/A	N/A
USB Port	3 * USB 2.0	3 * USB 2.0	3 * USB 2.0	2 * USB 2.0	2 * USB 2.0	2 * USB 2.0
Audio I / O	0/1 output	0/1 output	0/1 output	N/A	N/A	N/A
Alarm I / O	N/A	N/A	N/A	N/A	N/A	N/A
RAID	N/A	N/A	N/A	N/A	N/A	N/A
Intelligent Function	Line Crossing, Intrusion, Target Counting, Object Lost / Left (Up to IPC)	Line Crossing, Intrusion, Target Counting, Object Lost / Left (Up to IPC)	Line Crossing, Intrusion, Target Counting, Object Lost / Left (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	1U	1U
Casing	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 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/2A	DC 12V/2A	DC 12V/2A	DC 12V/2A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43

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	3 * USB 2.0	3 * 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 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%	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	AC 100 ~ 240V, 47Hz ~ 63Hz	AC 100 ~ 240V, 47Hz ~ 63Hz	AC 100 ~ 240V, 47Hz ~ 63Hz
Dimension (mm)	325 * 246 * 50	325 * 246 * 50	430 * 318 * 65.5	412 * 430 * 87	412 * 430 * 87	430 * 483 * 143

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 (Up to IPC)	Line Crossing / Target Counting / Object Left / Lost / Intrusion (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 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%	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

ZKBio Sense Network Video Recorder

- Human / Vehide Classification
- Target Counting / Line Crossing
- Intrusion Detection / Motion Detection
- Object Left / Lost
- And more....



ZKBio Sense Non-PoE NVR				
Model	Z8504NEQ-S	Z8508NEQ-S	Z8516NEQ-S	Z8516NFR-S
Picture				
Channel Input	4CH	8CH	16CH	16CH
Video Compression	H.265 / H.264	H.265 / H.264	H.265 / H.264	H.265+ / H.265 / H.264
Max. Decoding	4CH @ 8MP (25 / 30fps)	8CH @ 5MP (25 / 30fps)	16CH @ 5MP (25 / 30fps)	16CH @ D1 (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	5MP / 3MP / 1080P / 960P / 720P / D1 / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	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 / 8 / 9 / 16 CH	1 / 4 / 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	2 SATA Ports, up to 8 TB capacity each
PoE Port	N/A	N/A	N/A	N/A
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	0/1 output	N/A
Alarm I/O	N/A	N/A	N/A	N/A
RAID	N/A	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)	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	1.5U
Working Environment	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%
Power	DC 12V / 2A	DC 12V / 2A	DC 12V / 2A	DC 12V / 3A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	255 * 210 * 43	325 * 246 * 50

ZKBio Sense Non-PoE NVR			
Model	Z8536NMR-S	Z8536NHR-S	Z8564NHR-S
Picture			
Channel Input	36CH	36CH	64CH
Video Compression	H.265+ / H.265 / H.264	H.265+ / H.265 / H.264	H.265+ / H.265 / H.264
Max. Decoding	36CH @ D1 (25 / 30fps)	36CH @ D1 (25 / 30fps)	64CH @ D1 (25 / 30fps)
Audio Compression	G.711u	G.711u	G.711u
Recording Resolution	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	216 Mbps	216 Mbps	512 Mbps
Display	1 / 4 / 6 / 8 / 9 / 16 / 24 / 32 / 36 CH	1 / 4 / 6 / 8 / 9 / 16 / 24 / 32 / 36 CH	1 / 4 / 6 / 8 / 9 / 16 / 24 / 32 / 36 / 64 CH
Max. HDD	4 SATA Port, up to 8 TB capacity each	9 SATA Port, up to 8 TB capacity each	9 SATA Port, up to 8 TB capacity each
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	1/1	1/1	1/1
Alarm I/O	4/1	4/4	4/4
RAID	N/A	Support	Support
Intelligent Function	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Counting Statistics, Object Lost / Left	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Counting Statistics, Object Lost / Left	Line Crossing, Area Detection, Smart Motion Detection (base on human and vehicle classification), Target Counting, Counting Statistics, Object Lost / Left
Casing	1.5U	2U	2U
Working Environment	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 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/6A	AC 100 to 240V, 47Hz to 63Hz	AC 100 to 240V, 47Hz to 63Hz
Dimension (mm)	430.00 * 318.00 * 65.50	430.00 * 412.00 * 87.00	430.00 * 412.00 * 87.00

ZKBio Sense PoE NVR			
Model	Z8504NEQ-4P-S	Z8508NEQ-8P-S	Z8516NFR-16P-S
Picture			
Channel Input	4CH	8CH	16CH
Video Compression	H.265 / H.264	H.265 / H.264	H.265+ / H.265 / H.264
Max. Decoding	4CH @ 8MP (25 / 30fps)	8CH @ 5MP (25 / 30fps)	4CH @ 5MP (25 / 30fps) / 16CH @ D1 (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	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P / D1
Incoming Bandwidth	40 Mbps	60 Mbps	80 Mbps
Display	1 / 4 CH	1 / 4 / 6 / 8 CH	1 / 4 / 9 / 16 CH
Max. HDD	1 SATA Port, up to 8 TB capacity	1 SATA Port, up to 8 TB capacity	2 SATA Ports, up to 8 TB capacity each
PoE Port	4 PoE, 10 / 100 Mbps self adaptive	8 PoE, 10 / 100 Mbps self adaptive	16 PoE, 10 / 100 Mbps self adaptive
USB Port	3 * USB 2.0	3 * USB 2.0	3 * USB 2.0
Audio I/O	0/1 output	0/1 output	1/0
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	1.5U
Working Environment	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%	Working Temperature: -10°C ~ 55°C / 14°F ~ 131°F Working Humidity: 0% ~ 90%
Power	DC 48V / 1.5A	DC 48V / 1.5A	DC 52V / 4.6A
Dimension (mm)	255 * 210 * 43	255 * 210 * 43	325 * 246 * 50



NVR KITs

4CH 1080P NVR Kits

4CH 4MP NVR Kits

PoE NVR KIT			
Camra	Model	4CH 1080P NVR Kit KIT-8504NEQ-4P / 4-BS852021B-S5	4CH 4MP NVR Kit KIT-8504NEQ-4P / 4-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	2.8 mm	2.8 mm
	Max. IR Distance	30 m	30 m
	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 Environment	-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

LED Monitor

Splicing Screen

Decorder

Netowrk Cables

HD Smart Play BOX & HDMI Distributor

Desktop Switch for Home and Office Use				
	10 / 100 Ethernet Switch		All-Gigabit Ethernet Switch	
Model	C-DTS-E5-5-C	C-DTS-E8-5-C	C-DTS-E5-5-G	C-DTS-E8-5-G
Picture				
Port	5 * 10 / 100M RJ45 Ports	8 * 10 / 100M RJ45 Ports	5 * 10 / 100 / 1000M RJ45 Ports	8 * 10 / 100 / 1000M RJ45 Ports
Network Protocol	IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x
PoE Power Consumption	N/A	N/A	N/A	N/A
PoE Power Supply	N/A	N/A	N/A	N/A
Network Cable	10Base-T: Cat3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat5 or above UTP (≤ 100m)	10Base-T: Cat3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat5 or above UTP (≤ 100m)	10Base-T: Cat3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat5 or above UTP (≤ 100m) 1000Base-TX: Cat5 or above UTP (≤ 100m)	10Base-T: Cat3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat5 or above UTP (≤ 100m) 1000Base-TX: Cat5 or above UTP (≤ 100m)
Optical Fiber	N/A	N/A	N/A	N/A
MTBF	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Backplane Bandwidth	1Gbps	1.6Gbps	10Gbps	16Gbps
Buffer Memory	2Mbit	2Mbit	3Mbit	4Mbit
Packet Forwarding Rate	0.744Mpps	1.19Mpps	7.44Mpps	11.90Mpps
MAC Size	2K	2K	2K	2K
Forwarding Mode	Store-and-Forward switching	Store-and-Forward switching	Store-and-Forward switching	Store-and-Forward switching
Power Supply	DC 5V1A	DC 5V1A	DC 5V1A	DC 5V1A
Working Temperature	Operating Temperature: -10 ~ 50°C Storage Temperature: -20 ~ 70°C	Operating Temperature: -10 ~ 50°C Storage Temperature: -20 ~ 70°C	Operating Temperature: -10 ~ 50°C Storage Temperature: -20 ~ 70°C	Operating Temperature: -10 ~ 50°C Storage Temperature: -20 ~ 70°C
Working Humidity	Operating Humidity: 10% ~ 90%, non-condensing Storage Temperature: 5% ~ 90%, non-condensing	Operating Humidity: 10% ~ 90%, non-condensing Storage Temperature: 5% ~ 90%, non-condensing	Operating Humidity: 10% ~ 90%, non-condensing Storage Temperature: 5% ~ 90%, non-condensing	Operating Humidity: 10% ~ 90%, non-condensing Storage Temperature: 5% ~ 90%, non-condensing
Dimension (mm)	91 * 51 * 21.5	146 * 60 * 21.5	91 * 51 * 21.5	146 * 60 * 21.5

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 / 1000M 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	448KB	448KB	N/A	2.7MB
Packet Forwarding Rate	Each port 0.1488M pps	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; 52V 1.25A output	AC110-260V input; 52V 2.88A output	AC100-260V input; 52V 3.8A / 52V 5.76A 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 Ports + 2 * gigabit network RJ-45 ports	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)
Optical Fiber	N/A	N/A	N/A	Multimode Fiber: 50 / 125, 62.5 / 125, 100 / 140um Monomode Fiber: 8 / 125, 8.7 / 125, 9 / 125, 10 / 125um
MTBF	100,000 hours	N/A	100,000 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: -20 ~ 50°C; Storage Temperature: -40 ~ 85°C	Operating Temperature: -20 ~ 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

L3 Managed Switch					
All-Gigabit / 10 Gigabit Managed Switch					
	All-Gigabit / 10 Gigabit Managed Switch		All-Gigabit Managed POE Switch		
Model	E-244S-48-M-G	E484-96-10G	PE-162S-300-M-G	PE-244S-400-M-G	PE484S-400-M-G
Picture					
Port	24 * 10 / 100 / 1000Mbps Ports + 4 * Gigabit SFP Ports + 1 * Console Port	48 * 10 / 100 / 1000M Ports + 4 * 10 Gigabit SFP Ports + 1 * RJ45 Console Port + 1 * USB Serial Port	16 * 10 / 100 / 1000Mbps PoE Ports + 2 * Gigabit RJ45 Uplinks + 2 * Gigabit SFP Uplinks + 1 * Console Port	24 * 10 / 100 / 1000Mbps PoE Ports + 4 * Gigabit RJ45 Uplinks + 4 * Gigabit SFP Uplinks + 1 * RJ45 Console Port	48 * 10 / 100 / 1000Mbps PoE Ports + 4 * 10 Gigabit SFP + Uplinks + 1 * RJ45 Console Port + 1 * USB Serial Port
Network Protocol	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE 802.3z, IEEE802.3x, IEEE802.3az, IEEE 802.3ad, IEEE802.1AB, IEEE802.1D, IEEE 802.1w, IEEE802.1s, IEEE802.1Q, IEEE 802.1p, IEEE802.1X	IEEE802.1d,IEEE802.1w,IEEE802.1s,IEEE 802.1p,I IEEE802.3,IEEE802.3u,IEEE802.3x, IEEE802.3z,IEEE 802.3ab,IEEE802.3ae	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3ad, IEEE 802.3x, IEEE802.1ab, IEEE802.1p, IEEE802.1q, IEEE802.1x, IEEE802.1d, IEEE802.1s, IEEE 802.1w	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3az, IEEE 802.3ad, IEEE802.3x, IEEE802.1ab, IEEE 802.1p, IEEE802.1q, IEEE802.1x, IEEE 802.1d, IEEE802.1s, IEEE802.1w	IEEE802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE802.3ae, IEEE802.3x, IEEE802.3az, IEEE802.3ad, IEEE802.1, IEEE802.1D, IEEE 802.1w, IEEE802.1s, IEEE802.1Q, IEEE802.1p, IEEE802.1X
PoE Power Consumption	N/A	N/A	Max 15.4 W (IEEE802.3af) / 30 W (IEEE802.3at)	Max 15.4 W (IEEE802.3af) / 30 W (IEEE802.3at)	Max 15.4 W (IEEE802.3af) / 30 W (IEEE802.3at) / 90 W (IEEE802.3bt)
Network Cable	10Base-T: Cat 3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat 5 or above UTP (≤ 100m) 1000Base-TX: Cat 5 or above UTP (≤ 100m)	10Base-T: Cat3, 4, 5, Cat5e UTP / STP (≤ 100m) 100Base-TX: Cat5, Cat5e UTP / STP (≤ 100m) 1000Base-TX: Cat, Cat5e UTP / STP (≤ 100m)	10BASE-T: Cat3, 4, 5 or above UTP (≤ 100 M) 100BASE-TX: Cat5 or above UTP (≤ 100 M) 1000BASE-TX: Cat5 or above UTP (≤ 100 M)	10Base-T: Cat3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat5 or above UTP (≤ 100m) 1000Base-TX: Cat5 or above UTP (≤ 100m)	10Base-T: Cat3, 4, 5 or above UTP (≤ 100m) 100Base-TX: Cat5 or above UTP (≤ 100m) 1000Base-TX: Cat5 or above UTP (≤ 100m)
Optical Fiber	Multimode Fiber: 50 / 125, 62.5 / 125, 100 / 140um Monomode Fiber: 8 / 125, 8.7 / 125, 9 / 125, 10 / 125um	Multimode Fiber: 50 / 125, 62.5 / 125, 100 / 140um Monomode Fiber: 8 / 125, 8.7 / 125, 9 / 125, 10 / 125um	Multimode Fiber: 50 / 125, 62.5 / 125, 100 / 140um Monomode Fiber: 8 / 125, 8.7 / 125, 9 / 125, 10 / 125um	Multimode Fiber: 50 / 125, 62.5 / 125, 100 / 140um Monomode Fiber: 8 / 125, 8.7 / 125, 9 / 125, 10 / 125um	Multimode Fiber: 50 / 125, 62.5 / 125, 100 / 140um Monomode Fiber: 8 / 125, 8.7 / 125, 9 / 125, 10 / 125um
MTBF	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Backplane Bandwidth	56Gbps	176Gbps	40Gbps	56Gbps	176Gbps
Buffer Memory	16MB	32MB	16MB	16MB	32MB
Packet Forwarding Rate	41.66Mpps	131Mpps	29.76Mpps	41.66Mpps	131Mpps
MAC Size	8K	32K	8K	8K	32K
Forwarding Mode	Store-and-Forward switching	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	AC Input 100 ~ 240V
Working Temperature	Operating Temperature: -10 to 50°C; Storage Temperature: -40 to 70°C	Operating Temperature: -10 to 50°C; Storage Temperature: -40 to 70°C	Operating temperature: -10 to 50°C; Storage temperature: -40 to 70°C	Operating temperature: -10 to 50°C; Storage temperature: -40 to 70°C	Operating temperature: -10 to 50°C; Storage temperature: -40 to 70°C
Working Humidity	Operating Humidity: 10% to 90%, non-condensing; Storage Temperature: 5% to 95%, non-condensing	Operating Humidity: 10% to 90%, non-condensing; Storage Temperature: 5% to 90%, non-condensing	Operating Humidity: 10% to 90%, non-condensing; Storage Humidity: 5% to 95%, non-condensing	Operating Humidity: 10% to 90%, non-condensing; Storage Humidity: 5% to 95%, non-condensing	Operating Humidity: 10% to 90%, non-condensing; Storage Humidity: 5% to 95%, non-condensing
Dimension (mm)	440 * 204 * 44	440 * 280 * 44	440 * 204 * 44	440 * 280 * 44	440 * 360 * 44.5

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/m²	450cd/m²	450cd/m²	500cd/m²	450cd/m²	450cd/m²
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	12V / 4A	12V / 5A	AC 110 - 220V	AC 110 - 220V	AC 110 - 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			High-quality FHD LED Display	
	Pro series		/	
	4K Vandal-proof monitor		/	
Model	ZD65-4K-P	ZD75-4K-P	ZD22-2K-A	ZD24-2K-A
Picture				
Screen size	65"	75"	22"	24"
Bezel Material	Metal	Metal	/	/
Display Type	LED	LED	/	/
Resolution	3840 * 2160	3840 * 2160	1920 * 1080	1920 * 1080
Brightness	500cd/m²	500cd/m²	200cd/m²	200cd/m²
Contrast	3000:1	3000:1	3000:1	3000:1
Response Time	6.5ms	6.5ms	4ms	4ms
Color	10bit	10bit	16.7M	16.7M
View Angle	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	178° / 178° (horizontal / vertical)	178° / 178° (horizontal / vertical)
Interface	2 * HDMI, 1 * VGA, 1 * DVI, 1 * USB, 1 * BNC	2 * HDMI, 1 * VGA, 1 * DVI, 1 * USB, 1 * BNC	HDMI, VGA	HDMI, VGA, Audio Input
Speaker	Yes	Yes	/	/
Mount Type	Wall mount	Wall mount	Desktop / Wall mount	Desktop / Wall mount
Power Supply	AC 100 - 230V	AC 110 - 230V	12V / 3A	12V / 3A
Consumption	≤ 220W	≤ 230W	20W	25W
Net Weight	26.2kg	37.4kg	2.1kg	2.6kg
Gross Weight	33.5kg	51kg	3.1kg	3.6kg
Package Dimension	1550 * 148 * 938	1800 * 215 * 1105	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	ZK-S55	ZK-S65
Picture							
Specification	Support Android 7.1 system; Strong compatibility and secondary development supported; Support local / network timing switch; Support Ethernet / WIFI / BT / by default; Stable and 7 × 24 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	Hydraulic support, suitable for 46 inch splicing screen. Required QTY is equal to QTY of splicing screen.	Hydraulic support, suitable for 55 inch splicing screen. Required QTY is equal to QTY of splicing screen.	Hydraulic support, suitable for 65 inch splicing 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 / 60Hz; 720P: 1280 * 720 @ 50 / 60Hz	4K: 3840 * 2160 @ 50 / 60Hz; 5MP: 2592 * 1944 @ 50 / 60Hz; 4MP: 2560 * 1440 @ 50 / 60Hz; 1080P: 1920 * 1080 @ 50 / 60Hz; 720P: 1280 * 720 @ 50 / 60Hz
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

Network Cables

CAT5e Cables					
Model	XL500-CPR-A	XL500-CPR-B	XL500-CPR-F50	XL500-C	XL500-C-B
Picture					
Description	UTP CAT 5e, 305m, OFC (99.99% purity), 0.50mm (0.50mm ± 0.02), HDPE Material, CE CPR, ROHS, ISO, REACH, FLUKE	Outdoor UTP CAT 5e, 305m, OFC (99.99% purity), 0.50mm (0.50mm ± 0.02), Black HDPE Material with dual layer, CE CPR, ROHS, ISO, REACH, FLUKE	Outdoor FTP CAT 5e, 305m, OFC (99.99% purity), 0.50mm (0.50mm ± 0.02), Single shielded aluminum foil, CE CPR, ROHS, ISO, REACH, FLUKE	UTP CAT 5e, 305m, CCA, 4 * 2 * 0.5mm / ±0.01, OD 5.2mm ± 0.3mm, Brand new material, CE, ROHS, REACH	UTP CAT 5e, 305m, CCA, 4 * 2 * 0.5mm / ±0.01, OD 5.2mm ± 0.3mm, Black HDPE Material with dual layer, Brand new material, CE, ROHS, REACH

CAT6 Cables				
Model	XL600-CPR-A	XL600-CPR-B	XL600-C	XL600-C-B
Picture				
Description	UTP CAT6, 305m, OFC (99.99% purity) 0.56mm (0.55mm / ±0.01), CE CPR, ROHS, ISO, REACH, FLUKE	Outdoor UTP CAT6, 305m, OFC (99.99% purity) 0.56mm (0.55mm / ±0.01), Black waterproof HDPE Material, CE CPR, ROHS, ISO, REACH, FLUKE	UTP CAT6, 305m, CCA, 4 * 2 * 0.5mm / ±0.01, OD 6.05mm ± 0.30mm / 4 * 2 * 0.56mm / ±0.01, OD 6.1mm ± 0.30mm, Brand new material, CE, ROHS, REACH	UTP CAT6, 305m, CCA, 4 * 2 * 0.5mm / ±0.01, OD 6.5mm ± 0.30mm, Black HDPE Material with dual layer, Brand new material, CE, ROHS, REACH

Lite Series Network Cables

CAT5e Cables		
Model	XL500-C-L	XL500-C-B-L
Picture		
Description	UTP CAT 5e Lite Series, 305m, CCA, 4 * 2 * 0.5mm / ±0.01, OD 5.05mm ± 0.15mm, HDPE Material	UTP CAT 5e Lite Series, 305m, CCA, 4 * 2 * 0.5mm / ±0.01, OD 6.2mm ± 0.15mm, Black HDPE Material with dual layer

CAT6 Cables		
Model	XL600-C-L	XL600-C-B-L
Picture		
Description	UTP CAT6 Lite Series, 305m, CCA, 4*2*0.5mm/±0.01, OD5.6mm±0.15mm, HDPE Material	UTP CAT6 Lite Series, 305m, CCA, 4*2*0.5mm/±0.01, OD6.4mm±0.15mm, Black HDPE Material with dual layer

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 0.45kg; 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 ~ 120cm, ajustable, straight type, metal	Junction Box with Bent Bracket Diameter of Junction box: 170mm; Bracket: 60 ~120cm ajustable, bent type, metal
Bracket for Cameras				
Model	MT03	MT04	ZK-B40-3	ZK-B40-4
Picture				
Description	Corner Mount L * W * H: 150 * 150 * 128 (mm); Weight: 1kg; For camrea cases: BS-K, BS-B, ES-H, BL-L, EL-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, EL-I, GB01, BS-C, ES-C, BL-S	Corner Mount L * W * H: 199 * 144 * 110 (mm); Weight: 0.83kg; For PTZ cases: PS-C	Pole Mount L * W * H: 158.2 * 144 * 71.2 (mm); Weight: 0.74kg; For PTZ cases: PS-C
Model	ZK-B40-7	ZK-B48-1	ZK-B48-2	ZK-B64-1
Picture				
Description	Waterproof Junction Box L * W * H: 146.6 * 144 * 63.5 (mm); Weight: 0.95kg; For PTZ cases: PS-C	Wall Wount L * W * H: 170 * 144 * 64 (mm); Weight: 0.18kg; For PTZ cases: PS-C	Pendant Bracket L * W * H: 134 * 128 * 128 (mm); Weight: 0.27kg; For PTZ cases: PS-C	Wall Mount L * W * H: 201 * 180 * 80.1 (mm); Weight: 0.36kg; For PTZ cases: PM-N
Model	ZK-B64-2	ZK-B64-3	ZK-B64-4	
Picture				
Description	Pendant Bracket L * W * H: 262.5 * 121 * 121 (mm); Weight: 0.6kg; For PTZ cases: PM-N	Corner Mount L * W * H: 207.5 * 202.7 * 116.4 (mm); Weight: 1.56kg; For PTZ cases: PM-N	Pole Mount L * W * H: 197 * 125 * 45 (mm); Weight: 0.78kg; For PTZ cases: PM-N	



System Management Software

ZKBio CVSecurity
ZKBio CVAccess

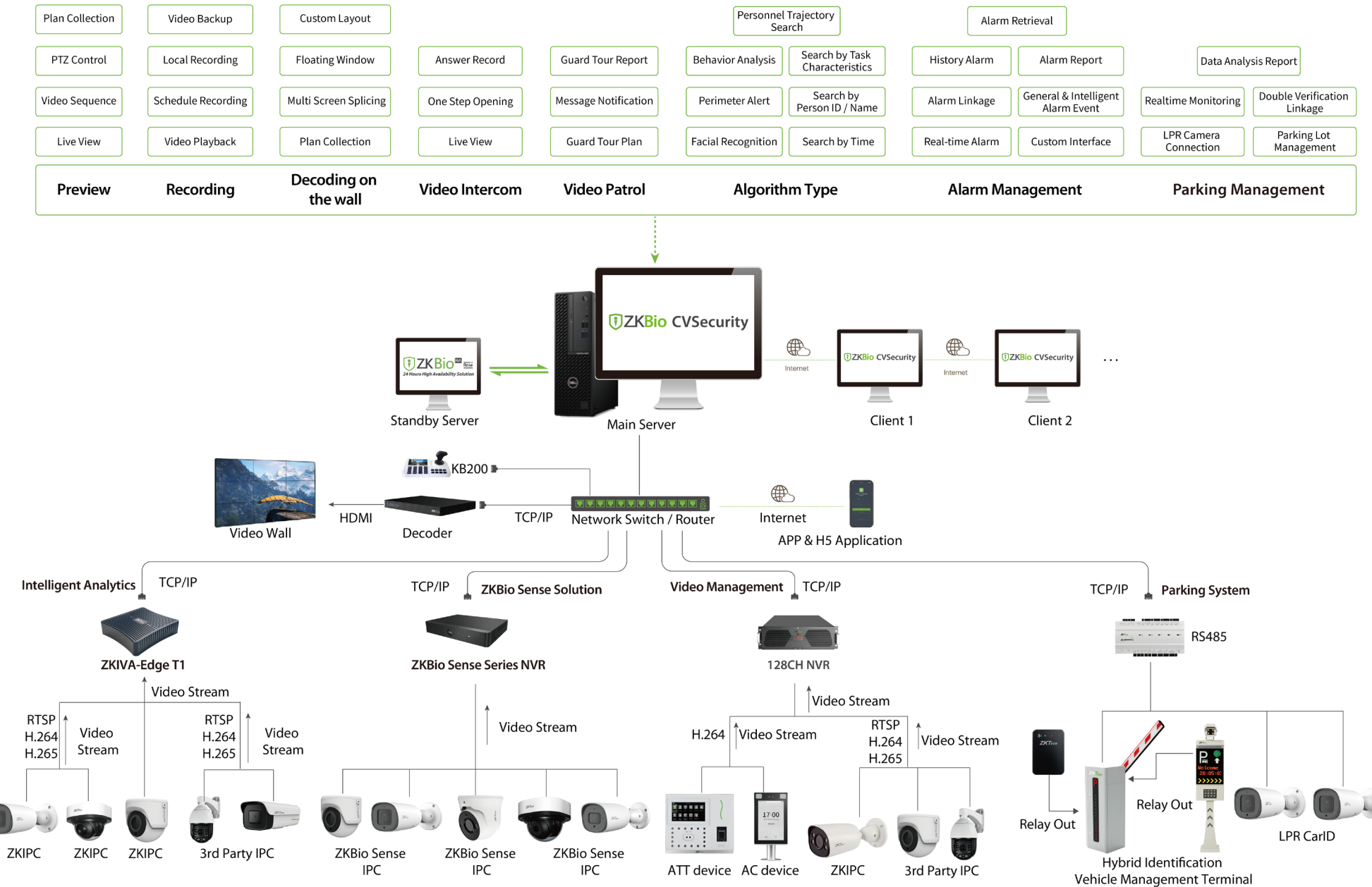
Antarvis 2.0 (VMS)
Antarview Pro+ (APP)

All-in-One Biometric Security Advanced Solutions



- Up to 1024 channels connection
- Support 64 channels preview synchronously
- Support 16 channels playback synchronously
- Graphical and smart alarm center
- Support decoder / TV wall and group management
- Support smart perimeter protection functions:
Target Count, Area Detection, Line Crossing, Smart Motion triggered
by human & vehicle classification, and Object Left / Lost
- Support GIS Map for real-time monitoring
- Support video patrol by schedule or real-time monitoring
- Support watermark function
- Support video intercom
- Smart quick retrieve video based on human and vehicle
classification alarm types

System Topology



ZKBio CVAccess

Professional Attendance & Access Control & Smart Video Surveillance Lightweight Solution for SMB Market



Access Control



Time Attendance



Smart Video Surveillance



System Management



Personnel Management

- Up to 256 channels supported
- Up to 64 channels preview
- Up to 16 channels playback synchronously
- Support decoder / TV wall and group management
- Support smart perimeter protection functions: Target Count, Area Detection, Line Crossing, Smart Motion triggered by human & vehicle classification, and Object Left / Lost
- Support watermark function
- Support video intercom
- Smart quick retrieve video based on human and vehicle classification alarm types

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



Record



Playback



Face



PTZ

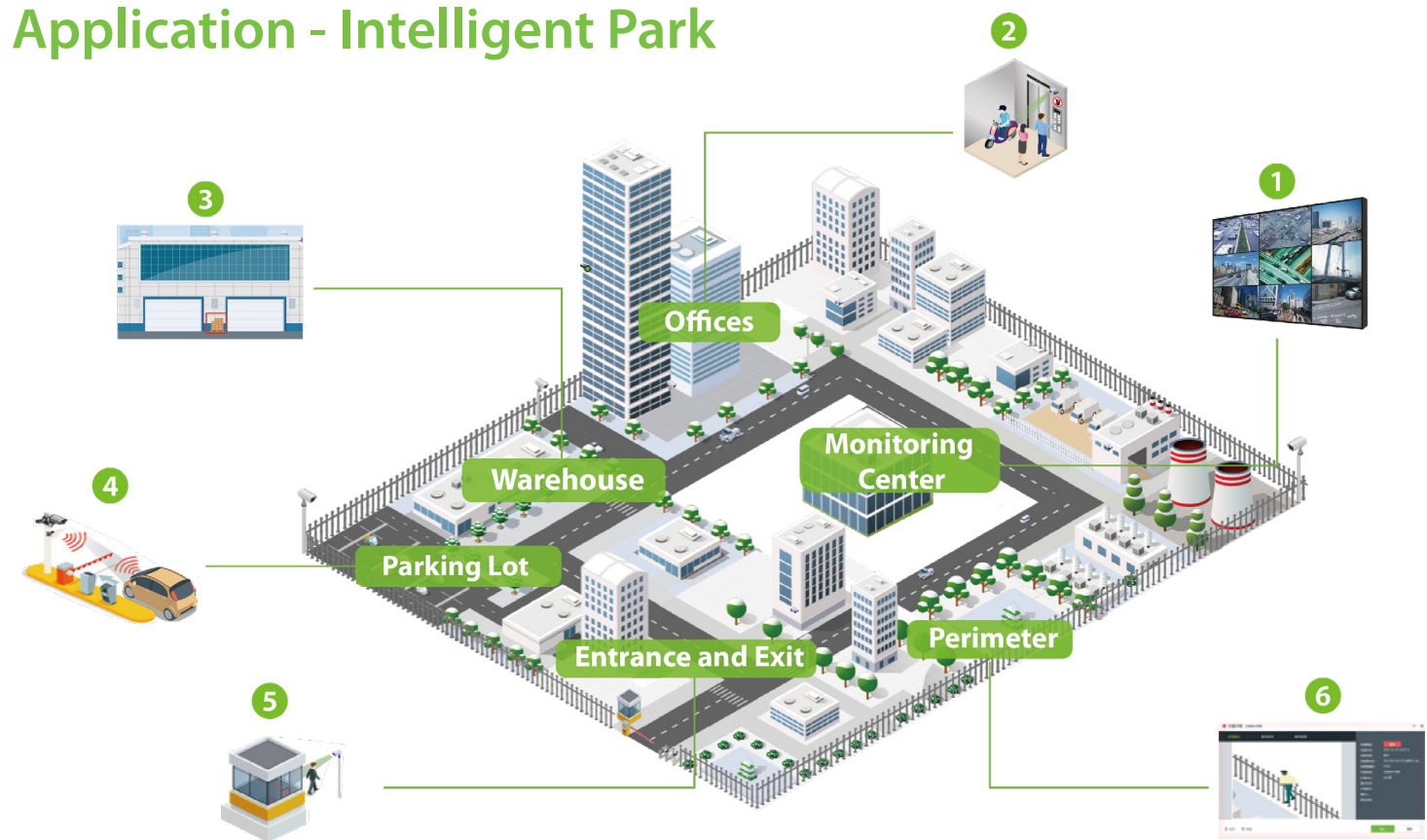


QR Code



Two-way audio

Typical Application - Intelligent Park



- 1** Monitoring Center - Compatible with ZKBio CVSecurity, supporting multi-channel management, intelligent presentation and global intelligent linkage.
- 2** Offices - Number counting of humans, video and access control / elevator control global linkage.
- 3** Warehouse - Object left / remove detection, whether there are goods left in the designated area.
- 4** Parking Lot - Number counting of vehicles entering / exiting the parking lot.
- 5** Entrance and Exit - Smart motion detection, video and access control/passage linkage capture.
- 6** Perimeter - Line crossing detection and area intrusion sound and light alarm.



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