

- · 1/2.9" 2MP CMOS sensor
- · H.265 dual stream encoding
- · High quality optical lens 3.6mm
- · IR effective range 20m
- · Built-in PoE
- · Embedded face detection algorithm
- · Support White/Black list alarm deployment
- · Intelligent video analytics function supported
- · Multiple web browsers supported
- · Support P2P cloud remote viewing by Mobile Application/VMS
- · Lightning protection up to 6KV
- · Metal casing compliance with IP67 standard











System Overview

BioEco Series IP cameras are cost-efficient solution which powered by cutting-edge technology for crystal clear video monitoring. with embedded face detection algorithm, the cameras support White/Black list event alarm deployment in different scenarios. the cameras also support multiple industry-leading Intelligent video analytic functions, such as Face Detection, Line Crossing, Intrusion, Object Left/Lost, Counting, etc. for smart event alarms.P2P cloud function is built-in for every device which is more convenient and flexible for remote real-time viewing.

Functions

H.265

H.265 technology is an evolutionary optimization of traditional H.264, it includes a series of encoding strategy such as dynamic ROI, smart 2D&3D noise reduction, etc, for delivering high quality video, as well as greatly saving up to 70% bandwidth and storage.

Protection

With precise mechanical and rugged metal casing design, EZ series IP cameras could stand against water and dust with industrial IP67 rank.

Supports ±10% input voltage tolerance, the cameras could work safely in extreme unstable power conditions. With working temperature range -30°C to +60 °C, the cameras could be used in a variety of harsh outdoor environments.



Technical Specifications

Model BS-852022B Flash/DDR 128Mb/512Mb Image Sensor 1/2.9" CMOS IR LED No. 2 Effective Pixels 1920*1080 IR Distance 30m Min. Illumination Color: 0.08Lux@F2.0 (AGC ON) S/N Ratio > 52dB Lens Min. Illumination S/N Ratio > 52dB Lens Type Fixed Aperture F2.0 Mount Type Board-in FOV 90° Focal Length 3.6mm Optical Zoom N/A Video Compression H.265;H.264 WDR DWDR Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support Bitrate H.265:1536kbps-4Mbps Defog Support Bitrate H.264:1792kbps-4Mbps Defog Support Multi-Streaming Main stream:1080P@25fps/GoA@25fps/CIF@25fps Mirror/Flip Support Multi-Streaming Third Stream:N/				
Effective Pixels 1920*1080 IR Distance 30m Min. Illumination Color: 0.08Lux@F2.0 (AGC ON) S/N Ratio > 52dB Lens Type Fixed Aperture F2.0 Mount Type Board-in FOV 90° Focal Length 3.6mm Optical Zoom N/A Video Compression H.265/H.264 WDR DWDR Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support Bitrate H.265:1536Kbps-4Mbps Defog Support Bitrate Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Motion Detection Support HLC Support Audio Support BLC Support	Model	BS-852O22B	Flash/DDR	128Mb/512Mb
Min. Illumination Color: 0.08Lux@F2.0 (AGC ON) S/N Ratio > 52dB Lens Lens Type Fixed Aperture F2.0 Mount Type Board-in FOV 90° Focal Length 3.6mm Optical Zoom N/A Video Compression H.265/H.264 WDR DWDR Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support Bitrate H.265:1536Kbps-4Mbps Defog Support Bitrate Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Motion Detection Support HLC Support Audio G7.11u ROI 4 areas	Image Sensor	1/2.9" CMOS	IR LED No.	2
Min. Illumination	Effective Pixels	1920*1080	IR Distance	30m
Lens Type	Min. Illumination		S/N Ratio	> 52dB
Mount Type Board-in FOV 90° Focal Length 3.6mm Optical Zoom N/A Video Compression H.265/H.264 WDR DWDR Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support Bitrate H.265:1536Kbps-4Mbps Defog Support Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Motion Detection Support HLC Support Digital Zoom Support BLC Support	Lens			
Focal Length 3.6mm Optical Zoom N/A	Lens Type	Fixed	Aperture	F2.0
Video Compression H.265/H.264 WDR DWDR Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support Bitrate H.265:1536Kbps-4Mbps Defog Support Main stream:1080P@25fps/4Mbps Defog Support Multi-Streaming Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support	Mount Type	Board-in	FOV	90°
Compression H.265/H.264 WDR DWDR Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support H.265:1536Kbps-4Mbps Defog Support H.264:1792Kbps-4Mbps Defog Support Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support	Focal Length	3.6mm	Optical Zoom	N/A
Resolution 1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720) Day/Night Support Bitrate Control CBR/VBR White Balance Support H.265:1536Kbps-4Mbps Defog Support Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas	Video			
Bitrate Control CBR/VBR White Balance Support H.265:1536Kbps-4Mbps Defog Support Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Audio G7.11u ROI 4 areas	Compression	H.265/H.264	WDR	DWDR
Bitrate H.265:1536Kbps-4Mbps Defog Support Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas	Resolution	1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720)	Day/Night	Support
Bitrate H.264:1792Kbps-4Mbps Defog Support Main stream:1080P@25fps/960P@25fps/720P@25fps Noise Reduction 3D DNR Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas	Bitrate Control	CBR/VBR	White Balance	Support
Multi-Streaming Sub stream:D1@25fps/VGA@25fps/CIF@25fps Mirror/Flip Support Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas	Bitrate		Defog	Support
Third Stream:N/A Corridor Mode N/A Motion Detection Support HLC Support Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas		Main stream:1080P@25fps/960P@25fps/720P@25fps	Noise Reduction	3D DNR
Motion Detection Support HLC Support Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas	Multi-Streaming	Sub stream:D1@25fps/VGA@25fps/CIF@25fps	Mirror/Flip	Support
Digital Zoom Support BLC Support Audio G7.11u ROI 4 areas		Third Stream:N/A	Corridor Mode	N/A
Audio G7.11u ROI 4 areas	Motion Detection	Support	HLC	Support
G7.11u ROI 4 areas	Digital Zoom	Support	BLC	Support
Compression	Audio	67.11	ROI	A areas
	Compression	G/.110	NOI	4 dicas
Privacy Mask 5 areas Anti-flicker Support	Privacy Mask	5 areas	Anti-flicker	Support
IVA	IVA			
Intelligent Video Face Detection/Line Crossing/Intrusion/ Object Left/Lost/Counting/ Video Tampering				
Facial Recognition	Facial Recognition			
Face Templates N/A Face Quality Support	Face Templates	N/A	-	Support
Frame 30 Detection Area User-defined	•	30	Detection Area	User-defined
Detected Face Size 80x80 ~ 300x300 Pixels Capture Response ≤1s	Detected Face Size	80x80 ~ 300x300 Pixels	Capture Response	≤1 s
Network Page 1997 Page 199	Network			
Protocol TCP/IP,UDP,HTTP,DHCP,RTSP,NTP Management Software(VMS) AntarVis 2.0	Protocol	TCP/IP,UDP,HTTP,DHCP,RTSP,NTP		AntarVis 2.0
Interoperability ONVIF, SDK, API Operation System Windows	Interoperability	ONVIF, SDK, API	Operation System	Windows
Max. Online Users 3 Mobile APP AntarView Pro	Max. Online Users	3	Mobile APP	AntarView Pro
Web Browser IE/Firefox/Chrome/Safari P2P Cloud Service Support	Web Browser	IE/Firefox/Chrome/Safari	P2P Cloud Service	Support
Note:Video streaming is not available for Firefox/Chrome/Safari.				
Interface				
Ethernet 1 RJ-45 port(10/100Mbps) Reset Button N/A	Ethernet	1 RJ-45 port(10/100Mbps)	Reset Button	N/A

Audio I/O	N/A	Micro-SD Slot	N/A		
Alarm I/O	N/A	ANR	N/A		
RS485	N/A	USB	N/A		
General					
Power Supply	PoE (IEEE802.3af), DC 12V±10%	Working Temperature	-30°C ~ +60 °C		
Power Consumption	< 3W	Working Humidity	10% ~ 90%		
Ingress Protection	IP67	Net Weight	0.26 kg		
Dimensions	145 (L)*65 (W)*65(H)mm	Gross Weight	0.37 kg		

Order Information

Type	Model	Description
2MP Camera	BS-852O22B	2MP Fixed Lens Face Detection Bullet IP Camera

Dimensions

