· 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

| 2MP | 3D DNR | ☀ | IP67 | ⚡ |

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

Camera

Model	BS-852O22B	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） B/W: 0.001Lux@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 H.264:1792Kbps-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
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	5 areas	Anti-flicker	Support

IVA

Intelligent Video	Face Detection/Line Crossing/Intrusion/ Object Left/Lost/Counting/ Video Tampering

Facial Recognition

Face Templates	N/A	Face Quality Filtering	Support
Face Detected per Frame	30	Detection Area	User-defined
Detected Face Size	80x80 ~ 300x300 Pixels	Capture Response	≤1s

Network

Protocol	TCP/IP,UDP,HTTP,DHCP,RTSP,NTP	Management Software(VMS)	AntarVis 2.0
Interoperability	ONVIF, SDK, API	Operation System	Windows
Max. Online Users	3	Mobile APP	AntarView Pro
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

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