

# BS-85202B | BioEco Series

### 2MP Fixed Lens Face Detection Bullet IP Camera













- 1/2.9" 2MP CMOS sensor
- · H.265 dual stream encoding
- · 3.6mm high-quality optical lens
- 30m IR effective range
- Built-in PoE
- Embedded face detection algorithm
- · White/Black list alarm deployment
- Intelligent video analytics available
- · Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

## **System Overview**

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

### **Functions**

#### H.265

H.265 technology is an evolutionary optimization of traditional H.264; it includes a series of encoding strategies such as dynamic ROI, smart 2D&3D noise reduction, and so on, for delivering high-quality videos, and significantly saving up to 70% bandwidth and storage.

#### **Protection**

With the precise mechanical and rugged metal casing design, IP cameras of the BioEco series rated IP67 could stand against water and dust for a long time.

With 10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.

With a working temperature range from -30°C to 60°C, the cameras could adapt to a variety of harsh outdoor environments.

# **Technical Parameters**

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	87°	
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	2D/3D DNR	
	Sub stream	D1@25fps / VGA@25fps / CIF@25fps	Mirror/Flip	Support	
	Third Stream	N/A	Corridor Mode	Support	
Motion Detection	Support		HLC	N/A	
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				
<b>Facial Detection</b>					
Face Templates	N/A		Face Quality Filtering	Support	
Face Detected per Frame		30	Detection Area	User-defined	
Detected Face Size	80x	80~300x300 Pixels	Capture Response	≤1s	

Network						
Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, NTP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS BioAccess IVS			
Interoperability	ONVIF Profile S, 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	0.26kg			

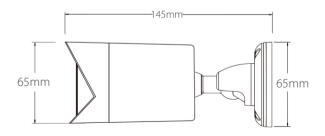
### **Order Information**

Dimensions (L\*W\*H)

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

Gross Weight

# **Dimensions (mm)**





V1. 0 2020. 08. 27

145 \* 65 \* 65 (mm)

0.37kg