

# **BL-852T45S** | BioPro Series 2MP Fixed Lens Face Detection Bullet IP Camera



- 1/2.8" 2MP STARVIS CMOS Sensor
- H.265 Dual-stream encoding
- High-quality optical lens: 12mm
- 80m IR effective range
- An embedded face detection algorithm
- · White/Black-list alarm deployment
- Intelligent video analytics available
- Multiple web browsers supported
- Remote viewing with mobile application or VMS
- Lightning protection up to 6KV
- IP67 metal casing

### **System Overview**

Powered by Sony STARVIS's sensor providing excellent night vision, together with true WDR and cutting-edge technology, the BioPro series of 2MP starlight IP camerasare an ideal project-oriented solution for ideal images and video surveillance in indoor and outdoor environments from day to night. With embedded face detection algorithm, the cameras support White/Black list event alarm deployment in different scenarios.

The BioPro series also offers 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, which is more convenient and flexible for remote real-time viewing.

### **Functions**

#### H.265

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

#### Protection

With its precise mechanical and rugged metal casing design, IP cameras of the BioPro 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**

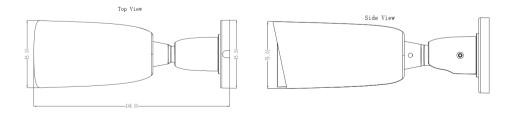
Camera					
Model	BL-852T45S	Flash / DDR	1Gb/4Gb		
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	IR LED No.	4 (Smart IR)		
Effective Pixels	1920*1080	IR Distance	80m		
Min. Illumination	0.001Lux@F1.6 (AGC ON)	S/N Ratio	>52dB		
Lens					
Lens Type	Fixed	Aperture	F1.6		
Mount Type	Board-in	FOV	30°		
Focal Length	12mm	Optical Zoom	N/A		
Video					
Compression	H.265 / H.264	WDR	DWDR		
Resolution	1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)	Day / Night	Support		
Bitrate Control	CBR / VBR	White Balance	Support		
Bitrate	1024Kbps ~ 4Mbps	Defog	Support		
Multi-Streaming	Main Stream: 1080P@25fps / 960P@25fps / 720P@25fps	Noise Reduction	2D/3D DNR		
	Sub Stream: Q720P(640*360)@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				
Face Detection					
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, IGMP, ICMP, DHCP, RTP/RTSP, DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess 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	0.50kg		
Dimensions (L*W*H)	246 * 85 * 76 (mm)	Gross Weight	0.64kg		

## **Order Information**

Camera	Model	Description
2MP Camera	BL-852T45S	2MP Fixed Lens Face Detection Bullet IP Camera

## Dimensions (mm)





V1.0 2021.01.29