ES-852T21C | BioPro Series

2MP Starlight Fixed Lens Facial Detection Eyeball IP Camera

- 1/2.8" 2MP STARVIS CMOS Sensor
- H.265 Dual-stream Encoding
- 2.8mm high-quality optical lens
- 30m IR effective range
- Embedded facial detection algorithm
- White/Black list alarm deployment
- Intelligent video analytics available
- Multiple web browsers supported
- Lightning protection up to 6kV
- IP67, PoE, remote view by APP/ VMS

2MP **3D DNR** **IP67**

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.

TheBioPro series also offers multiple industry-leading Intelligent video analytic functions, Face Detection, Line Crossing, Intrusion, Object Left/Lost, Counting 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 H.265 and 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 greatly 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.
Supporting ±10% of input voltage tolerance, the cameras could work safely under extreme or unstable power conditions.
With working temperature range of -30℃ to 60℃, the cameras could be used in a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	ES-852T21C	Flash / DDR	128Mb / 512Mb
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	IR LED No.	2 (Smart IR)
Effective Pixels	1920 * 1080	IR Distance	30m
Min. Illumination	0.001Lux@F2.0 (AGC ON)	S/N Ratio	>52dB

Lens

Lens Type	Fixed	Aperture	F1.6
Mount Type	Board-in	FOV	110°
Focal Length	2.8mm	Optical Zoom	N/A

Video

Compression	H.265 / H.264	WDR	TWDR
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	H.265: 1280Kbps - 4Mbps H.264: 1792Kbps - 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	Facial 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, IGMP, ICMP, DHCP, RTP/RTSP, DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	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℃ ~ 60 ℃
Power Consumption	<3W	Working Humidity	10% ~ 90%
Ingress Protection	IP67	Net Weight	0.38kg
Dimensions (L*W*H)	107 * 107 * 78 (mm)	Gross Weight	0.48kg

Order Information

Camera	Model	Description
2MP Camera	ES-852T21C	2MP Starlight Fixed Lens Facial Detection Eyeball IP Camera

Dimensions