BS-852T11C-C | BioPro Series
2MP Full Color Face Detection Bullet IP Camera

- 1/2.8" 2MP STARVIS CMOS Sensor
- H.265 dual-stream encoding
- High-quality optical lens 2.8mm
- White light range 20m
- High-quality 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

| 2MP | 24 Color | 3D DNR | ☀/☾ | IP67 | ⚡ |

System Overview

Powered by the cutting edge F1.0 large aperture lens and warm white LED illuminators, ZKTeco's BioPro Series Full-color camera presents a high-quality color image with rich details even in total darkness conditions. It's promising to deliver authentic identification 24/7.

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, much convenient and flexible for remote real-time viewing.

Functions

Full-color & Starlight
It adopts an F1.0 large aperture lens and a 1/2.8" high-performance sensor. With a higher amount of absorbed light and an advanced image processing algorithm, the camera presents an impressive low light performance with an exceptional balance between noise reduction and the blur of moving objects. With 4pcs warm white LED illuminators, it can provide a colorful and vivid image even in total darkness.

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 various harsh outdoor environments.

Technical Parameters

Camera

Model	BS-852T11C-C	Flash / DDR	128Mb/512Mb
Image Sensor	1/2.8" 2MP Sony STARVIS CMOS	White Lights No.	4
Effective Pixels	1920*1080	White Light Distance	20m
Min. Illumination	0.01Lux / F1.0	S/N Ratio	>52dB

Lens

Lens Type	Fixed	Aperture	F1.0
Mount Type	Board-in	FOV	110°
Focal Length	2.8mm	Optical Zoom	N/A

Video

Compression	H.265 / H.264	WDR	DWDR
Resolution	1080P (1920 x 1080) / D1 (720 x 576)	Day / Night	Support
Bitrate Control	CBR / VBR	White Balance	Support
Bitrate	H.265:1280Kbps - 4Mbps H.264: 896Kbps - 4Mbps	Defog	Support
Multi-Streaming	Main Stream:1080P@25fps	Noise Reduction	3D DNR
	Sub Stream: D1(720*576)@25fps / VGA(640*480)@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	N/A

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 to 300x300 Pixels	Capture Response	≤0.5s

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 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℃ to 60℃
Power Consumption	<3W	Working Humidity	10% to 90%
Ingress Protection	IP67	Net Weight	0.3kg
Dimensions (L*W*H)	171 * 75 * 66 (mm)	Gross Weight	0.45kg

Order Information

Camera	Model	Description
2MP Camera	BS-852T11C-C	2MP Full Color Face Detection Bullet IP Camera

Dimensions (mm)

Top View

Side View

171.00

75.00

66.00

66.60

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