BS-855P22C

| BioPro Series | 5MP Starlight Fixed Lens Face Recognition Bullet IP Camera

ZKTeco

· 1/2.8" 5MP Sony STARVIS CMOS sensor

· H.265+ triple stream encoding

· High quality optical lens 3.6mm

· IR effective range 30m

· Built-in PoE

· Embedded face recognition algorithm

· 2,000 Face templates capacity storage on camera

· Support White/Black list alarm deployment

· Intelligent video analytics function supported

· Multiple web browsers supported

· Support remote viewing by Mobile Application/VMS

· Lightning protection up to 6KV

· Metal casing compliance with IP67 standard

5MP | 3D DNR | IP67

System Overview

Powered by Sony STARVIS sensor which provides excellent night vision, couple with true WDR and cutting-edge technology, the BioPro series 5MP IP camera is a professional project-oriented solution for crystal clear video monitoring for both day & night.

With embedded face recognition algorithm, the cameras could accurately capture and recognize faces comparing to the face templates in database. It also supports 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.

Cloud function is built-in for every device which is more convenient and flexible for remote real-time viewing. The BioPro series 5MP IP cameras also supports registration of face templates remotely from the mobile Application AntarView Pro which provides great convenient user experience.

Functions

H.265+

H.265+ technology is an evolutionary optimization of the H.265 and 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, BioPro 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-855P22C	Flash/DDR	128Mb/4Gb
Image Sensor	1/2.8" CMOS	IR LED No.	2
Effective Pixels	2592 × 1944	IR Distance	30m
Min. Illumination	Color: 0.01Lux@F1.2（AGC ON） B/W: 0.001Lux@F1.2（AGC ON）	S/N Ratio	> 52dB

Lens

Lens Type	Fixed	Aperture	F1.2
Mount Type	Board-in	FOV	90°
Focal Length	3.6mm	Optical Zoom	N/A

Video

Compression	H.265+/H.265/H.264	WDR	TWDR
Resolution	5MP (2592 × 1944),4MP (2688 × 1520),3MP (2304 × 1296),1080P (1920 × 1080),1.3MP (1280 × 960),720P (1280 × 720)	Day/Night	Support
Bitrate Control	CBR/VBR	White Balance	Support
Bitrate	H.265+:4Mbps-16Mbps H.265:4Mbps-16Mbps H.264:5Mbps-20Mbps	Defog	N/A
Multi-Streaming	Main stream:5M@30fps/4MP@30fps/3MP@30fps/2MP@30fps	Noise Reduction	2D/3D DNR
	Sub stream:720P@30fps/D1@30fps/VGA@30fpsCIF@30fps	Mirror/Flip	Support
	Third Stream:720P@30fps/D1@30fps/VGA@30fpsCIF@30fps	Corridor Mode	Support
Motion Detection	Support	HLC	Support
Digital Zoom	Support	BLC	N/A
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	5 areas	Anti-flicker	Support

IVA

Intelligent Video	Face Recognition/Line Crossing/Intrusion/ Object Left/Lost/Counting/Video Tampering/Fire Detection/Abnormal Sound/VQA

Facial Recognition

Face Templates	2000	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,DDNS,NTP,PPPoE,UPnP,SMTP	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	1/1		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), DC12V±10%		Working Temperature	-30°C ~ +60 °C
Power Consumption	< 3W		Working Humidity	10% ~ 90%
Ingress Protection	IP 67		Net Weight	0.30 kg
Dimensions	170 (L)*75 (W)*65(H)mm		Gross Weight	0.45 kg

Order Information

Type	Model	Description
5MP Camera	BS-855P22C	5MP Fixed Lens Face Recognition Bullet IP Camera

Dimensions