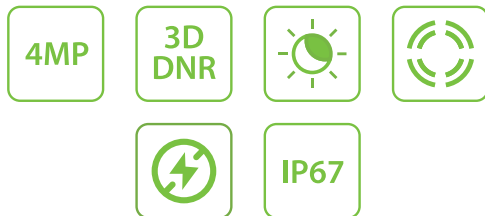# ZKTeco

BL-854N38S | BioPro Series
4MP Motorized Lens Face Detection Bullet IP Camera

- 1/3" 4MP CMOS sensor
- H.265+ dual-stream encoding
- High-quality optical lens: 2.8-12mm
- 50m IR effective range
- Built-in PoE
- 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

4MP **3D DNR** **IP67**

System Overview

BioPro Series 4MP IP cameras provide a cost-efficient solution that is powered by cutting-edge technology for crystal-clear video monitoring.

With an embedded face detection algorithm, the camera supports White/Black-list event alarm deployment under 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 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 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℃ to 60℃, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	BL-854N38S	Flash / DDR	1Gb / 2Gb
Image Sensor	1/3"CMOS	IR LED No.	2 (Smart IR)
Effective Pixels	2592*1520	IR Distance	50m
Min. Illumination	Color: 0.01Lux@F1.4-F2.8(AGC ON)	S/N Ratio	>52dB

Lens

Lens Type	Motorized	Aperture	F1.4 ~ F2.8
Mount Type	Board-in	FOV	37° ~ 95°
Focal Length	2.8mm ~ 12mm	Optical Zoom	3X

Video

Compression	H.265+, H.265, H.264	WDR	DWDR
Resolution	4MP (2592 x 1520) / 3MP (2304 x 1296)/ 1080P (1920 x 1080) / 1.3MP (1280 x 960) / 720P (1280 x 720)	Day / Night	Support
Bitrate Control	CBR / VBR	White Balance	N/A
Bitrate	1024Kbps ~ 4Mbps	Defog	N/A
Multi-Streaming	Main Stream: 4MP@25fps / 3MP@25fps / 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	Support
Digital Zoom	Support	BLC	Support
Audio Compression	G7.11u	ROI	4 areas
Privacy Mask	4 areas	Anti-flicker	Support

IVA

Intelligent Video	Face Detection / Line Crossing / Area Detection / Target Count / Object Left / Lost/VQD /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, 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	5	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	1/0	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	0.50kg
Dimensions (L*W*H)	246 * 85 * 76 (mm)	Gross Weight	0.64kg

Order Information

Camera	Model	Description
4MP Camera	BL-854N38S	4MP Motorized Lens Face Detection Bullet IP Camera

Dimensions (mm)

ZKTECO CO.,LTD.   www.zkteco.com   E-mail: sales@zkteco.com