

BS-852022B-S5 | Lite Series

2MP Fixed Lens Face Detection Bullet IP Camera



- 1/2.9" 2MP CMOS sensor
- H.265 dual stream encoding
- 3.6mm high-quality optical lens
- 30m IR effective range
- Built-in PoE
- Embedded face detection algorithm
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing



System Overview

Lite Series is a super cost-efficient solution that is powered by cutting-edge technology for crystal clear video monitoring with an embedded face detection algorithm. The P2P cloud function is built-in for every device, allowing more convenient and flexible remote real-time viewing and monitoring.

Functions

H.265

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

Protection

With the precise mechanical and rugged metal casing design, IP cameras of the Lite 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 -20°C to 55°C, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	BS-852O22B-S5	Flash / DDR	128Mb / 512Mb
Image Sensor	1/2.9" CMOS	IR LED No.	2
Effective Pixels	1920*1080	IR Distance	30m
Min. Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(IR ON)	S/N Ratio	<50dB

Lens

Lens Type	Fixed	Aperture	F2.0
Mount Type	Board-in	FOV	90°
Focal Length	3.6mm	Optical Zoom	N/A

Video

Compression	H.265 / H.264		WDR	DWDR
Resolution	1080P (1920 × 1080), 1.3M (1280 × 960), 720P (1280 × 720)		Day / Night	Support
Bitrate Control	CBR/VBR		White Balance	Support
Bitrate	H.265:192Kbps-4Mbps H.264:192Kbps-4Mbps		Defog	N/A
Multi-Streaming	Main Stream	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	5 areas		Anti-flicker	N/A

IVA

Intelligent Video	Face Detection
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Facial Detection

Face Templates	N/A	Face Quality Filtering	Support
Face Detected per Frame	6	Detection Area	User-defined
Detected Face Size	80x80~300x300 Pixels	Capture Response	≤200ms

Network

Protocol	TCP/IP, UDP, HTTP, DHCP, RTSP, DDNS, NTP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess IVS
Interoperability	ONVIF, GB28181	Operation System	Windows
Max. Online Users	3	Mobile APP	AntarView Pro
Web Browser	IE / Firefox / Chrome / Safari	P2P Cloud Service	Support

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, DC 12V±10%	Working Temperature	-30°C ~ 60°C
Power Consumption	<3.7W	Working Humidity	0% ~ 90%
Ingress Protection	IP67	Net Weight	0.26kg
Dimensions (L*W*H)	145 * 65 * 65 (mm)	Gross Weight	0.37kg

Order Information

Camera	Model	Description
2MP Camera	BS-852O22B-S5	2MP Fixed Lens Face Detection Bullet IP Camera

Dimensions (mm)

