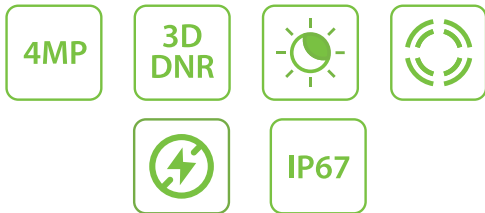# ES-854N22B-S7 | Lite Series

4MP Fixed Lens Eyeball IP Camera

- 1/3" CMOS sensor
- H.265 dual-stream encoding
- High-quality optical lens: 3.6mm
- 30m IR effective range
- Built-in PoE
- Multiple web browsers supported
- Remote viewing with mobile application or VMS
- Lightning protection up to 6KV
- IP67 metal + plastic casing

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

System Overview

Lite Series is a super cost-efficient solution that is powered by cutting-edge technology for crystal clear video monitoring in different scenarios. 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 -30℃ to 60℃, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	ES-854N22B-S7	Flash / DDR	128Mb / 512Mb
Image Sensor	1/3" CMOS Sensor	IR LED No.	2
Effective Pixels	2560*1440	IR Distance	30m
Min. Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W: 0.001Lux@F1.6 (IR ON)	S/N Ratio	>52dB

Lens

Lens Type	Fixed	Aperture	F1.6
Mount Type	Board-in	FOV	93°
Focal Length	3.6mm	Optical Zoom	N/A

Video

Compression	H.265, H.264	WDR	DWDR
Resolution	4MP (2560 x 1440) / 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	Support
Bitrate	1792Kbps ~ 6Mbps	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	G.711u	ROI	4 areas
Privacy Mask	4 areas	Anti-flicker	N/A

IVA

Intelligent Video	N/A

Face Detection

Face Templates	N/A	Face Quality Filtering	N/A
Face Detected Per Frame	N/A	Detection Area	N/A
Detected Face Size	N/A	Capture Response	N/A

Network

Protocol	TCP/IP, UDP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTSP, PPPoE, NTP, UPnP, SMTP, SNMP, IPv4, SSL/TLS	Management Software (VMS)	AntarVis 2.0/ ZKBioSecurity IVS/ZKBioAccess IVS/ ZKBio CVSecurity/ZKBio CVAccess
Interoperability	ONVIF Profile S, SDK, API	Operation System	Windows
Max. Online Users	3	Mobile APP	AntarView Pro+ (iOS & Android)
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 (IEEE802.3af), DC 12V±10%	Working Temperature	-30℃ ~ 60℃
Power Consumption	<3W	Working Humidity	10% ~ 90%
Ingress Protection	IP67	Net Weight	0.35kg
Dimensions	Φ85.65 x 95 (mm)	Gross Weight	0.40kg

Order Information

Camera	Model	Description
4MP Camera	ES-854N22B-S7	4MP Fixed Lens Eyeball IP Camera

Dimensions (mm)

95.00mm

Ø85.65mm