

# ES-852021C-S5-MI | Lite Series

## 2MP Fixed Lens Face Detection Eyeball IP Camera



- 1/2.9" 2MP CMOS sensor
- H.265 dual stream encoding
- 2.8mm high-quality optical lens
- 30m IR effective range
- Built-in PoE & microphone
- 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	ES-852021C-S5-MI	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(AGC ON)	S/N Ratio	≥50dB

### Lens

Lens Type	Fixed	Aperture	F2.0
Mount Type	Board-in	FOV	104.14°
Focal Length	2.8mm	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: 128Kbps - 6Mbps H.264: 128Kbps - 6Mbps	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	4 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	5	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	Built-in Mic for audio in	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	-20°C ~ 55°C
Power Consumption	<3.7W	Working Humidity	10% ~ 90%
Ingress Protection	IP67	Net Weight	0.39kg
Dimensions	Φ107 x 107 (mm)	Gross Weight	0.52kg

### Order Information

Camera	Model	Description
2MP Camera	ES-852021C-S5-MI	2MP Fixed Lens Face Detection Eyeball IP Camera

### Dimensions (mm)

