

# **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**

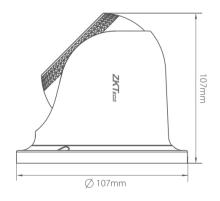
Camera						
Model	ES-852O21C-S5-MI		Flash / DDR	128Mb / 512Mb		
Image Sensor	1/2.9"CMOS		IR LED No.	2		
Effective Pixels	1920*1080		IR Distance	30m		
Min. Illumination	Color: 0.5Lux@F2.0 (AGC ON) B/W: 0.001Lux@F2.0(AGC ON)		S/N Ratio	≥50dB		
Lens						
Lens Type	Fixed		Aperture	F2.0		
Mount Type	Board-in		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	ntelligent Video Face Detection					
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	Ф107 x 107 (mm)	Gross Weight	0.52kg		

### **Order Information**

Camera	Model	Description
2MP Camera	ES-852O21C-S5-MI	2MP Fixed Lens Face Detection Eyeball IP Camera

## Dimensions (mm)



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