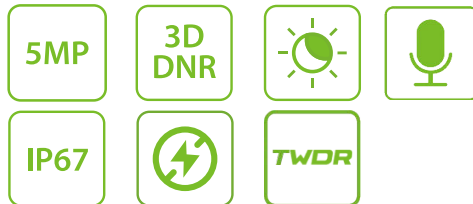# ES-855P21C-S7-MI | Pro Series

5MP Fixed Lens Face Detection Eyeball IP Camera

- 1/2.7" CMOS sensor
- H.265 Dual stream encoding
- 2.8mm high-quality optical lens
- 120 db true WDR
- 30m IR effective range
- Built-in PoE & Microphone
- An embedded face detection algorithm
- Intelligent video analytics available
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

5MP | **3D DNR** | | |
IP67 | | **TWDR** |

System Overview

Pro Series is a super cost-efficient solution that is powered by cutting-edge technology for crystal clear video monitoring with embedded face detection algorithm, the camera supports White/Black list event alarm deployment in different scenarios. The camera also supports 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 , allowing more convenient and flexible remote real-time viewing and monitoring.

Functions

H.265
H.265 technology is an evolutionary optimization of 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 greatly saving up to 70% bandwidth and storage.

Protection
With the precise mechanical and rugged metal casing design, IP cameras of the Pro 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℃ ~ 60℃, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	ES-855P21C-S7-MI	Flash / DDR	128Mb / 1Gb
Image Sensor	1/2.7"CMOS	IR LED No.	2
Effective Pixels	2592*1944	IR Distance	30m
Min. Illumination	Color: 0.01Lux@F1.6 (AGC ON) B/W:0.001Lux@F1.6 (AGC ON)	S/N Ratio	>52dB

Lens

Lens Type	Fixed	Aperture	F1.6
Mount Type	Board-in	FOV	115°
Focal Length	2.8mm	Optical Zoom	N/A

Video

Compression	H.265 / H.264	WDR	120db True WDR
Resolution	5MP (2592 x 1944) / 4MP (2688 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	Support
Bitrate	H.265: 4Mbps - 16Mbps H.264: 5Mbps - 20Mbps	Defog	N/A
Multi-Streaming	Main Stream	5MP@25fps/ 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	5 areas	Anti-flicker	Support

IVA

Intelligent Video	Face Detection

Network

Protocol	TCP/IP, UDP, HTTP, HTTPS,DHCP, RTSP, DDNS, NTP, PPPoE, UPnP, SMTP, RTMP	Management Software (VMS)	AntarVis 2.0 ZKBioSecurity IVS ZKBioAccess IVS
Interoperability	ONVIF Profile S, SDK, API	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 Microphone	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℃ to 60℃
Power Consumption	<3W	Working Humidity	10% to 90%
Ingress Protection	IP67	Net Weight	0.30kg
Dimensions	Φ107 * 107 (mm)	Gross Weight	0.45kg

Order Information

Camera	Model	Description
5MP Camera	ES-855P21C-S7-MI	5MP Fixed Lens Face Detection Eyeball IP Camera

Dimensions (mm)

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