

ES-855P21C-S7-MI | Pro Series 5MP Fixed Lens Face Detection Eyeball IP Camera



- 1/2.8" CMOS sensor
- H.265 triple stream encoding
- 2.8mm high-quality optical lens
- 30m IR effective range
- Built-in PoE & Microphone
- Multiple web browsers supported
- P2P cloud remote viewing by Mobile Application/VMS
- Lightning protection up to 6kV
- IP67 metal casing

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° C $\sim 60^{\circ}$ C, the cameras could adapt to a variety of harsh outdoor environments.

Technical Parameters

ModelES 855P21C-S7-MIFlash / DDR128Mb / 16bImage Sensor1/2.8° C/MOSIR LED No.2Effective Pixels2.560° 1920IR Distance30mMin. IlluminationColorn: 0.08 Luxs/F1.6 (AGC ON) B/W.0001 Luxs/F1.6 (AGC ON)S/N Ratio>5208LensEES/N Ratio>5208Lens TypeFliedApertureFliedMount TypeBoard-InFOV110°Focal LengthBoard-InFOV110°Focal LengthBoard-InFOVN/AVideoS/MP (2560x 1920) / 4MP (2688 x 1520) 3.090 / 1204 x 1296) / 3.090 / 1204 x 1296 // 3.090 /	Camera						
Effective Pixels2560°1920IR Distance30mMin. IlluminationColor: 0.08Lux@F1.6 (AGC ON) B/W0.001Lux@F1.6 (AGC ON) B/W0.001Lux@F1.6 (AGC ON) B/W0.001Lux@F1.6 (AGC ON) B/W0.001Lux@F1.6 (AGC ON)S/N Ratio>>52dBLensFixedApertureF1.6Mount TypeBoard-inF0V110°Focal Length2.8mmOptical ZoomN/AVicleoDytical ZoomN/AVicleoDytical ZoomN/AVicleoDytical ZoomSupportResolution1.255 / 1.264WDRDwDRBitrate ControlCBR / VBRWhite BalanceSupportBitrate ControlCBR / VBRWhite BalanceSupportMulti-StreamingSupport (1600 Piz20 x 1080) / Piz20 x 1080 / Piz	Model	ES-855P21C-S7-MI		Flash / DDR	128Mb / 1Gb		
Min. Illumination Color: 0.08Lux@F1.6 (AGC ON) B/W0.001Lux@F1.6 (AGC ON) B/W0.001Lux@F1.6 (AGC ON) S/N Ratio >>52dB Lens Fixed Aperture F1.6 Mount Type Board-in F0V 110° Focal Length 2.8mm Optical Zoom N/A Video Video Day / Night Support Resolution BMP22560(1920) / 4MP (2688 x1520) 3MP (2304 x1296) / 1.3MP (1280 x800) / 1.3MP (1280 x700) / 1.3MP (1280 x800) / 1.3MP (1280 x700) / 1.3MP (1280 x800) / 1.3MP (1280 x700) / 3MP (2304 x1296) / 1.3MP (1280 x800) / 1.3MP (1280 x700) / 3MP (2304 x1296) / 3MP (2	Image Sensor	1/2.8" CMOS		IR LED No.	2		
Min. IIIUminationBVW0.001Luxge 1.6 (AGC ON)S N Ratio>>208LensLens TypeFixedApertureF1.6Mount TypeBoard-InFOV110"Focal Length2.8mmOptical ZoomN/AVideoVideoSMP(2560x1920) / 4MP (2688 x1520) 3MP (280 x1920) / 4MP (2688 x1520) 3MP (280 x1920) / 4MP (2688 x1520) 3MP (280 x1920) / 12MP (1280 x680) / 1080P (1920 x1080) / 1080P (1920 x1080) / 1080P (1920 x1080) / 1080P (1920 x1080) / 12MP (1280 x680) / 1080P (1920 x1080) / 12MP (1280 x680) / 1080P (1920 x1080) / 12MP (1280 x680) / 1080P (1920 x1080) / 20MPDay / NightSupportBitrate ControlCRR / VBRWhite BalanceSupportBitrate ControlCRB / VBRWhite BalanceSupportMulti-Stream MP@25fps / MA@25fps / MA@25fps / 900/@25fps / 720/@25fpsNoise Reduction2D/3D DNRMulti-Stream INP@25fps / VGA@25fps / 900/@25fps / 720/@25fpsNoise Reduction2D/3D DNRMulti-Stream INP@25fps / VGA@25fps / 900/@25fps / 720/@25fpsNoise Reduction2D/3D DNRMulti-Stream INP@25fps / VGA@25fps / 1000/@25fps / 720/@25fpsNoise Reduction2D/3D DNRMulti-Stream INP@25fps / VGA@25fps / 900/@25fpsCorridor ModeSupportMulti-Stream INP@25fps / VGA@25fps / 1000/@25fpsNirror/FlipSupportMulti-Stream INP@25fps / VGA@25fps / 900/@25fpsKirrorSupportMulti-Stream INP@25fps / VGA@25fps / 900/@25fpsKirrorSupportMulti-Stream INP@25fps / VGA@25fps / 900/@25fpsKirrorSupportMulti-Stream INP@25fps / VGA@25fps / 900/@25fpsKirrorSupp	Effective Pixels	2560*1920		IR Distance	30m		
Lens TypeFixedApertureF1.6Mount TypeBoard-linFOV110"Focal Length2.8mmOptical ZoomN/AVideoCompressionH.265 / H.264WDRDWDRSMP(2560X 1920) / AMP (2688 x 1520) 3MP (2304 x 1296) / 1080 P (2902 x 1080) 1080 P (2902 x 1080) / 13MP (1280 x 900) / 720P (1280 x 720)Day / NightSupportBitrate ControlCBR / VBRWhite BalanceSupportBitrate ControlCBR / VBRVhite BalanceSupportMulti-Stream SMP 25/55/ SMDps - 16M/DpsDefogSupportMulti-Stream 3MP 25/55/ SMP 25/55/55/ SMP 25/55/55/ SMP 25/55/55/ SMP 25/55/55/ SMP 25/5	Min. Illumination			S/N Ratio	>52dB		
Mount TypeBoard-InFOV110°Focal Length 2.8 mmOptical ZoomN/AVideoCompression $1.265 / H.264$ WDRDWDRResolution $3MP(2304 \times 1296) / 1080P(1970 \times 1080) / 1080P$	Lens						
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Video Video Compression H.265 / H.264 WDR DWDR Resolution SMP(2560x1920) / 4MP (2688 x1520) / 3MP (2304 x1296) / 1080P (1920 x1080) / 13MP (1280 x720) Day / Night Support Bitrate Control CBR / VBR White Balance Support Bitrate H.265 : 4Mbps - 16Mbps H.264 : SMbps - 20Mbps Defog Support Multi-Streaming SMP(25fps / 4MP(25fps / 960P(25fps / 960P	Mount Type	Board-in		FOV	110°		
Compression $H.265 / H.264$ WDRDWDRResolution $SMP(2560x1920) / 4MP (2688 x 1520) / 1080) / 1080 P (1920 x 1080) P (1920$	Focal Length	2.8mm		Optical Zoom	N/A		
NumberSMP(2560x1920) / 4MP (2808 x 1290) / 1080 / (2304 x 1296) / 1080 P (2304 x 1296) / 1080 P (1280 x 700) / 13MP (2308 x 1080) / 13MP (2308 x 960) / 720P (1280 x 720)Day / NightSupportBitrate ControlCBR / VBRWhite BalanceSupportBitrateH.265: 4Mbps - 16Mbps H.264: 5Mbps - 20MbpsDefogSupportMulti-StreamingSMP@25fps / MA@25fps / 1080P@25fps / 702P@25fps / 702P@25	Video						
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Sub StreamD1@25fps /VGA@25fps/ CIF@25fpsMirror/FlipSupportThird Stream1920X1080@25fpsCorridor ModeSupportMotion DetectionSupportHLCSupportDigital ZoomSupportBLCSupportAudio CompressionG7.11uROI4 areasPrivacy Mask5 areasAnti-flickerSupportIntelligent VideoVVVProtocolTCP/IP, UDP, HTTP, HTTPS, DHCP, RTSP, DNS, NTP, PPPoE, UPnP, SMTP, RTMPManagement Software (VMS)AntarVis 2.0 ZKBioAccess IVSInteroperabilityONVIF Profile S, SDK, APIOperation SystemWindowsMax. Online Users3Mobile APPAntarView Pro	Multi-Streaming		3MP@25fps/ 1080P@25fps		2D/3D DNR		
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Max. Online Users 3 Mobile APP AntarView Pro	Protocol			5	ZKBioSecurity IVS		
	Interoperability	ONVIF Profile S, SDK, API		Operation System	Windows		
Web Browser IE / Firefox / Chrome / Safari P2P Cloud Service Support	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°C to 60°C			
Power Consumption	<3W	Working Humidity	10% to 90%			
Ingress Protection	IP67	Net Weight	0.30kg			
Dimensions (L*W*H)	171 * 75 * 66 (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)



