

8MP Panoramic Pro AI Network Camera



- 8 MP 1/1.8" CMOS Sensor
- Support H.264+, H.265+
- The Max LED distance is 40m
- Support Perimeter Protection, Face Capture, SMD, Smart Object Detection
- Support Built-in Mic
- Supports max. 256 G Micro SDcard
- 3.6 mm zoom lens
- 12 VDC/PoE power supply
- IP67 protection

Camera	
Image Sensor	2X4MP 1/1.8" CMOS
Max. Resolution	8MP, 5120 (H) × 1520 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.0007 lux@F1.6 (Color, 30 IRE),0.0004 lux@F1.6 (B/W, 30 IRE),0 lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	40（2IR LED 2 White LED）
Illuminator Control	Auto; Manual
Lens	
Lens Type	Motorized Vari-Focal
Focal Length	3.6 mm
Max. Aperture	F1.6
Field of View	Pan: 0°–180° Tilt: 0°–90° Rotation: 0°–180°
Iris Type	Auto
Intelligence	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, Tripwire; Loitering detection; People gathering; Parking detection
Face Detection	Face detection; track; snapshot; snapshot optimization;
Object Detection	Abandoned object; Missing object
Heat Map	Support
AI Search	Work together with NVR
Video	
Compression	H.264H; H.264M; H.264B; H.265 MJPEG (Customization)
Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Video Frame Rate	Main stream: 5120 × 1520@(1–25/30 fps)
	Sub stream:2048X576 @(1–25/30 fps)
	Third stream: 2048X576 @(1–25/30 fps)
Stream Capability	3 Streams

Pro AI Series | IPC-E5812P-AS-L/IPC-B5812P-AS-L

Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: up to 16384 kbps
	H.265: up to 16384 kbps
Day/Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Yes
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 Color Areas)
Image Rotation	0°/90°/180°/270°
Mirror	Yes
Audio	
Built-in Mic	Yes
Built-in Speaker	Yes
Audio Compression	G.711a; G.711Mu; PCM; G.726; G.723
Alarm	
Arming/Disarming	Yes
Sound Alarm	Yes
Alarm Event	Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Network Protocol	TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP
Interoperability	ONVIF; CGI; P2P
User/Host	16 (Total bandwidth: 80 M)
Storage	FTP; Micro SD card (support max. 256 G/FAT32)
Browser	IE: IE8 and later,Chrome,Firefox,Edge
Management Software	PC Software(SVMS), APP(Zanuo)
Mobile Client	IOS; Android
Port	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel
Alarm Output	1 channel
RS485	Support
Power	
Power Supply	12V DC (±30%)/PoE (802.3af)
Power Consumption	Basic: 4 W ;Max. 14W
Heating	Support
Environment	
Operating Conditions	−40°C to +60°C /Less than 95% RH
Storage Conditions	−40°C to +60°C
Protection Grade	IP67
Structure	

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Casing	Metal
Dimensions	244 mm × 77mm × 76mm
Net Weight	830g

Camera Structure and Dimensions

