

8MP Lite IR Fixed-focal Eyeball Network Camera

Model: PS280-IRD



Features:

- 8MP, 1/2.7" CMOS image sensor
- Outputs max. 8MP (3840 × 2160) @15 fps, and supports 2688×1520 (2688 × 1520) @25/30 fps
- H.265 codec
- Built-in IR LED, max IR distance: 30 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC
- Intelligent detection: Intrusion, tripwire
- Supports max. 256 GB Micro SD card, built-in MIC
- 12V DC/PoE power supply
- IP67 protection

Specification:

Camera	
Image Sensor	1/2.7" 8Megapixel progressive CMOS
Max. Resolution	3840 (H) × 2160 (V)
ROM	128 MB
RAM	256 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.009 Lux@F2.0
S/N Ratio	>56 dB
Illumination Distance	30 m (98.43 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	2 (IR LED)
Lens	
Lens Type	Fixed-focal
Mount Type	M12
Focal Length	2.8 mm, 3.6 mm
Max. Aperture	F2.0, F2.0
Field of View	2.8 mm: Pan 105° × Tilt 56° × Diagonal 125°, 3.6 mm: Pan 87° × Tilt 47° × Diagonal 104°
Iris Type	Fixed
Close Focus Distance	2.8 mm: 1.0 m (3.3 ft), 3.6 mm: 1.9 m (6.2 ft)
Video	
Video Compression	H.265; H.264; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+/ Smart H.264+
Video Frame Rate	Main stream: 3840 × 2160 (1 fps–15 fps) 2688 × 1520 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)
Stream Capability	2 streams
Resolution	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2592 × 1944 (2592 × 1944); 2688 × 1520 (2688 × 1520); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32 kbps–8192 kbps H.265: 12 kbps–8192 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D NR
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour, ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
Dimensions	99.1mm × Φ121.9 mm (3.9" × Φ4.8")
Net Weight	0.48 kg (1.1 lb)
Certifications	CE-LVD: EN62368-1, CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU, FCC: 47 CFR FCC Part 15, Subpart B, UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07

Note: Design & Specification are subject to change without prior notice.

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