

8MP Lite IR Fixed-focal Bullet Network Camera

Model: PS180-IRW



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: 80 m
- RoI, SMART H.264+/H.265+
- Rotation mode, WDR, 3D NR, HLC, BLC, d
- Intelligent detection: Intrusion, tripwire
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 GB Micro SD card
- 12V DC/POE power support 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 | 80 m (262.5 ft) |
| Illuminator On/Off Control | Auto/Manual |
| Illuminator Number | 4 (IR LED) |
| Lens | |
| Lens Type | Fixed-focal |
| Mount Type | M12 |
| Focal Length | 3.6 mm; 6 mm |
| Max. Aperture | 3.6 mm: F20 6 mm: F20 |
| Field of View | 3.6 mm: Horizontal 87° × Vertical 46° × Diagonal 104° 6 mm: Horizontal 54° × Vertical 28° × Diagonal 63° |
| Iris Type | Fixed |
| Close Focus Distance | 3.6 mm: 1.2m (3.9ft) 6 mm: 2.5m (8.2ft) |
| 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–6144 kbps, H.265: 12 kbps–6144 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 |
| Audio | |
| Audio Compression | G.711A; G.711Mu; G.726 |
| 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 |
| Certification | 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 |
| Dimensions | 244.1 mm × Ø90.4 mm (9.61" × Ø3.26") |
| Net Weight | 0.88 kg (1.9 lb) |

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

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