

## 8MP Fixed Lens IP Turret Camera w/Audio w/IR w/AI



- 1/2.7" 8.0 Megapixel, Progressive Scan, CMOS Sensor
- 8MP (3840 x 2160) @20FPS Encoding
- H.265/H.264 Video Compression
- Advanced AI (Person/Vehicle, Perimeter, Line Crossing, Cross Counting, Stationary Object, Heat Map, Crowd Density, Queue Length, Rare Sound, Facial Recognition)
- Audio, Built-in Mic
- 2.8mm Fixed Lens
- Triple-Stream Recording
- DDNS
- Micro SD Slot (up to 256GB)
- ONVIF Compatible
- DC12V/PoE Power
- IP67 Waterproof Rating
- NDAA and FCC Compliant

| Camera                   |   |
|--------------------------|---|
| Imaging Device           | 1/2.7", 8.0 Megapixel, Progressive Scan, CMOS   |
| Effective Pixels         | 8MP 3840(H)x2160(V)                             |
| Min. Illumination        | Color 0.009Lux @F1.6(AGC ON); B/W 0 lux @ IR ON |
| Lens Type/Focal Length   | Fixed(M12)/ 2.8mm                               |
| Max Aperture Ratio       | F1.6  |
| Angular Field of View    | Horizontal:110°, Vertical:58°, Diagonal: 133°   |
| Min. Object Distance     | 2m  |
| IR LED                   | 2   |
| Warm Light               | n/a   |
| Red/Blue Light           | n/a   |
| IR Distance              | 30m   |
| Warm Light Distance      | n/a   |
| Wide Dynamic Range       | DWDR  |
| Image Setting            | Day Mode / Day&Night / Schedule                 |
| White Balance            | Auto/Manual                                     |
| Electronic Shutter Speed | 1/5 ~ 1/20000s                                  |
| Digital Noise Reduction  | 3D DNR  |

## Technical Specifications

| Image                     |   |
|---------------------------|---|
| Video Compression         | H.265/H.264   |
| Audio Compression         | G.711a  |
| Resolution                | Mainstream: 8MP (3840x2160) @20fps<br>Substream: 720P (1280x720) @20fps                                 |
| Video Quality Adjustment  | 256Kbps - 16Mbps  |
| Bitrate Control           | CBR/VBR   |
| Interfaces                |   |
| Network                   | RJ45 (10/100 Base-T)  |
| Audio                     | Built-in Microphone   |
| Local Storage             | Micro SD, up to 256GB   |
| Network Storage           | No  |
| Reset Button              | Yes   |
| Alarm                     | n/a   |
| AI/AD                     |   |
| Smart Motion Detection    | Perimeter Intrusion (Vehicle/Person), Line Crossing   |
| License Plate Recognition | No  |
| Facial Recognition        | Yes   |
| Additional AI             | Cross Counting, Stationary Object Detection, Heat Map, Crowd Density, Queue Depth, Rare Sound Detection |
| Functions                 |   |
| Remote Monitoring         | Web Browser, Client VMS, Mobile App   |
| Mobile App                | XMV   |
| Network Protocol          | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, HTTPS   |
| Interface Protocol        | ONVIF (Profile S/G/T)   |
| ANR                       | No  |
| Security                  | IP Address Filter, Complex Password, Authenticated User   |
| Regions of Interest (ROI) | No  |
| Corridor Mode             | No  |
| General                   |   |
| Power Supply              | DC12V/POE   |
| Power Consumption         | Max 4.2W, PoE Max 5.1W  |
| PoE                       | Yes, 802.3af  |
| Ingress Protection        | IP67  |
| Dimensions (mm)           | 100 x 90mm  |
| Working Environment       | Temperature: -35°C~ +60° (-31°F ~ 140°F) Humidity: Less than 95% RH                                     |
| Weight                    | 415g  |
| Material                  | Metal   |
| NDAA and FCC-Compliant    | Yes   |

## Mounts

XPM-JB1:  
Junction Box



XPM-WM1:  
Wall Mount



XPM-POEB:  
Dual Junction Box

