

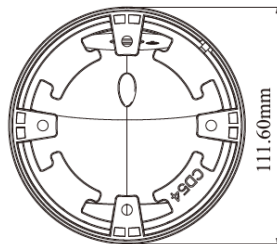
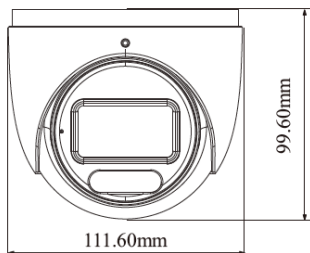


## PAR-P8TXIRA2812-LC3

8 Megapixel IP Plug & Play, Outdoor Turret, Motorized Auto-Focus, Supplemental Light Options: IR, White Light or IR to White Light on AI Trigger, Built-in Mic, SD Card Slot, 12VDC/PoE

### Features

- First Level Human and Vehicle Classification
- Supplemental Light Options: IR, White Light, White Light Trigger
- Supports Native Chrome/Edge Use
- True P2P Connectivity with QR Code Connect NAT 2.0
- 8 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- H.265+, H.265, H.264+, H.264, MJPEG
- 20 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant



|                            |                                                                                                                                                                                  |              |                |               |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|---------------|
| Camera                     | PAR-P8TXIRA2812-LC3                                                                                                                                                              |              |                |               |
| Image Sensor               | 1 / 2.8 "CMOS                                                                                                                                                                    |              |                |               |
| Image Size                 | 3840×2160                                                                                                                                                                        |              |                |               |
| Electronic Shutter         | 1 / 3s ~ 1 / 100000s                                                                                                                                                             |              |                |               |
| Iris Type                  | DC Iris                                                                                                                                                                          |              |                |               |
| Min. Illumination          | 0.02 lux @F1.6, AGC ON; 0 lux with illumination on                                                                                                                               |              |                |               |
| Lens                       | 2.8~12mm@F1.6                                                                                                                                                                    |              |                |               |
| Field of View              | Horizontal: 97.3°~34°; Vertical: 52.3°~17.7°; Diagonal: 116°~37°                                                                                                                 |              |                |               |
| Focus                      | Motorized                                                                                                                                                                        |              |                |               |
| Lens Mount                 | Φ14                                                                                                                                                                              |              |                |               |
| Day&Night                  | ICR                                                                                                                                                                              |              |                |               |
| Wide Dynamic Range         | 120dB                                                                                                                                                                            |              |                |               |
| BLC                        | Yes                                                                                                                                                                              |              |                |               |
| HLC                        | Yes                                                                                                                                                                              |              |                |               |
| Digital NR                 | Yes                                                                                                                                                                              |              |                |               |
| S/N Ratio                  | ≥50dB                                                                                                                                                                            |              |                |               |
| Angle Adjustment           | Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°                                                                                                                                    |              |                |               |
| Image                      |                                                                                                                                                                                  |              |                |               |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264 Sub / Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG                                                                         |              |                |               |
| H.265 Compression Standard | Main Profile@Leve4.1 High Tier                                                                                                                                                   |              |                |               |
| Resolution                 | 8MP(3840×2160), 6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF                                    |              |                |               |
| Main Stream                | 60Hz: 8MP(1~20fps) / 6MP/4MP/2K/1080P (1~30fps)<br>50Hz: 8MP(1~20fps) / 6MP/4MP/2K/1080P (1~25fps)                                                                               |              |                |               |
| Sub Stream                 | 720P/D1/VGA/640×360/CIF/480× 240 (60Hz: 1~30fps; 50Hz: 1~25fps)                                                                                                                  |              |                |               |
| Third Stream               | 720P/D1/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)                                                                                                                               |              |                |               |
| Bit Rate                   | 64 Kbps ~12Mbps                                                                                                                                                                  |              |                |               |
| Bit Rate Type              | VBR / CBR                                                                                                                                                                        |              |                |               |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser                        |              |                |               |
| Audio Compression          | G711A/U                                                                                                                                                                          |              |                |               |
| ROI                        | Each ROI to be configured separately                                                                                                                                             |              |                |               |
| Interfaces                 |                                                                                                                                                                                  |              |                |               |
| Network                    | RJ45                                                                                                                                                                             |              |                |               |
| Video Output               | No                                                                                                                                                                               |              |                |               |
| Audio                      | 1CH audio input; 1CH built-in MIC                                                                                                                                                |              |                |               |
| Storage                    | Built-in micro SD card slot, up to 256GB                                                                                                                                         |              |                |               |
| Reset                      | Yes                                                                                                                                                                              |              |                |               |
| Functions                  |                                                                                                                                                                                  |              |                |               |
| Remote Monitoring          | Web browser/ Paramont NVR / Paramont CMS AI / Paramont CMS APP                                                                                                                   |              |                |               |
| Web Browser                | Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                               |              |                |               |
| Online Connection          | Support simultaneous monitoring for up to 6 users;<br>Support multi-stream real time transmission                                                                                |              |                |               |
| Network Protocol           | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, PPPoE, DDNS, SMTP, FTP, 802.1x, SNMP, UPnP, HTTP, HTTPS, HTTP POST, P2P, QoS                                                  |              |                |               |
| Interface Protocol         | ONVIF (Profile T)                                                                                                                                                                |              |                |               |
| Storage                    | Network remote storage; micro SD card storage Up to 256GB                                                                                                                        |              |                |               |
| Smart Alarm                | Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)            |              |                |               |
| Smart Event                | Line crossing /region intrusion detection(human/motor vehicle/non-motor vehicle classification), abandoned/missing object detection                                              |              |                |               |
| General Function           | Watermark, IP address filtering, video mask, heartbeat, smart supplement light, corridor pattern, image distortion correction, ANR, cloud upgrade                                |              |                |               |
| PoE                        | Yes (IEEE802.3af)                                                                                                                                                                |              |                |               |
| Supplement Light Range     | IR range: 164'; white light range: 131'                                                                                                                                          |              |                |               |
| Ingress Protection         | IP67                                                                                                                                                                             |              |                |               |
| Security                   | Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP /RTSP |              |                |               |
| DORI Distance              |                                                                                                                                                                                  |              |                |               |
| Lens                       | Detect (ft)                                                                                                                                                                      | Observe (ft) | Recognize (ft) | Identify (ft) |
| 2.8~12mm(W)                | 288 (88m)                                                                                                                                                                        | 114 (35m)    | 56 (17m)       | 27 (8m)       |
| 2.8~12mm(T)                | 908 (277m)                                                                                                                                                                       | 364 (111m)   | 180 (55m)      | 91 (28m)      |
| Others                     |                                                                                                                                                                                  |              |                |               |
| Power Supply               | DC12V/PoE                                                                                                                                                                        |              |                |               |
| Power Consumption          | < 6.5W                                                                                                                                                                           |              |                |               |
| Storage Conditions         | -22°F ~ 149°F (- 30 °C ~ 65°C), Humidity: less than 95 % (non-condensing)                                                                                                        |              |                |               |
| Operating Conditions       | -22°F ~ 140°F (- 30 °C ~ 60 °C), Humidity: less than 95 % (non-condensing)                                                                                                       |              |                |               |
| Dimensions                 | 4.4 x 3.9" (Φ 111.6 × 99.6)                                                                                                                                                      |              |                |               |
| Weight ( net )             | Approx. 1.5 lbs (0.66KG)                                                                                                                                                         |              |                |               |
| Installation               | Ceiling mounting; wall mounting                                                                                                                                                  |              |                |               |
| Certificate                | CE, FCC                                                                                                                                                                          |              |                |               |
| Environmental Protection   | Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)                                                                                     |              |                |               |

### Ordering Information

**PAR-P8TXIRA2812-LC3:** 8 Megapixel Turret, 2.8-12mm