



PAR-P8TXIR28NH-AIWL

8 Megapixel IP Plug & Play, Outdoor Turret, 2.8 mm Fixed Lens, IR Range up to 131', White Light up to 98', WDR, Red/Blue Flashing Deterrent Light and/or Siren, Built-in Mic/Speaker, SD Card Slot, 12VDC/PoE

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Red/Blue Flashing Deterrent Light and/or Siren: Ai Triggered
- White Light for Color at Night: Ai Triggered
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 131'
- White Light up to 98'
- H.265+, H.265, H.264+, H.264 Compression
- 30 FPS Recording and Live
- True WDR 120dB
- Supports Native Chrome/EDGE Use
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP66 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client
- NDAA Compliant

| | |
|----------------------------|---|
| Camera | |
| Image Sensor | 1 / 1.8" CMOS |
| Image Size | 3840 × 2160 |
| Electronic Shutter | 1 / 2s ~ 1 / 100000 s |
| Iris Type | Fixed Iris |
| Min. Illumination | 0.008lux@F1.6, AGC ON, 0 lux with IR, 0 lux with LED |
| Lens | 2.8 mm@F1.6, H.FoV:109°; V.FoV:57°; D.FoV:132° |
| Focus | Fixed |
| Lens Mount | M12 |
| Wide Dynamic Range | 120dB |
| BLC | Yes |
| HLC | Yes |
| Defog | Yes |
| Digital NR | 2D/3D DNR |
| S/N Ratio | ≥50dB |
| Angle Adjustment | Pan: 0°~360°; Tilt: 0°~75°; 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.264 Compression Standard | Baseline Profile/Main Profile/High Profile |
| Resolution | 8MP(3840×2160), 6MP(3072×2048), 5MP(2592×1944), 4MP(2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P(1280×720), D1, VGA(640×480), CIF, 480 × 240 |

Ordering Information

PAR-P8TXIR28NH-AIWL: 8 Megapixel Turret, 2.8mm Lens

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

| Main Stream | 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (60Hz : 1 ~ 30fps; 50Hz: 1~25fps) | | | | | | | | | | |
|--------------------------|---|-------------|---------------|--------------|---------------|--------------|-------|----------|----------|---------|--------|
| Sub Stream | 1080P/720P/D1/VGA/CIF (60Hz : 1 ~ 30fps; 50Hz: 1~25fps) | | | | | | | | | | |
| Third Stream | D1/VGA/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps) | | | | | | | | | | |
| Bit Rate | 64 Kbps ~12 Mbps | | | | | | | | | | |
| Bit Rate Type | VBR / CBR | | | | | | | | | | |
| Audio Compression | G711A / U | | | | | | | | | | |
| Image Settings | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser | | | | | | | | | | |
| ROI | Each ROI to be configured separately | | | | | | | | | | |
| Interfaces | | | | | | | | | | | |
| Network | RJ 45 10M/100M self-adaptive Ethernet port | | | | | | | | | | |
| Video Output | No | | | | | | | | | | |
| Audio | 1CH audio input; 1CH audio output; 1CH built-in microphone | | | | | | | | | | |
| Built-in Speaker | Yes | | | | | | | | | | |
| Built-in Speaker Info | Power/output: 1W dB: ≥90dB Frequency: 100-4KHz | | | | | | | | | | |
| Alarm | 1CH alarm input; 1CH alarm output | | | | | | | | | | |
| Storage | Built-in micro SD card slot; up to 256GB | | | | | | | | | | |
| Reset | Yes | | | | | | | | | | |
| Functions | | | | | | | | | | | |
| Remote Monitoring | Web Client/NVR/Paramont CMS 2.0/ Paramont CMS Mobile APP | | | | | | | | | | |
| Web Browser | IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+ | | | | | | | | | | |
| Online Connection | Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission | | | | | | | | | | |
| Network Protocol | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS | | | | | | | | | | |
| Interface Protocol | ONVIF (Profile T) | | | | | | | | | | |
| Storage | Network remote storage; micro SD card storage | | | | | | | | | | |
| Smart Alarm | Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection | | | | | | | | | | |
| General Function | Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction | | | | | | | | | | |
| Security | Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS | | | | | | | | | | |
| PoE | Yes , IEEE802.3af | | | | | | | | | | |
| Supplement light Range | IR range: 131' White light range: 98' | | | | | | | | | | |
| Protection Grade | IP66 | | | | | | | | | | |
| Intelligent Analytics | | | | | | | | | | | |
| Video Abnormality | Scene change detection, video blur detection, abnormal color detection | | | | | | | | | | |
| Perimeter Detection | Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification) | | | | | | | | | | |
| Sound&Light Warning | Yes | | | | | | | | | | |
| Other Events | Face detection and face capture, abandoned/missing object detection; heat map; target counting by line/area | | | | | | | | | | |
| DORI Distance | <table border="1"> <thead> <tr> <th>Lens</th> <th>Detect(ft)</th> <th>Observe(ft)</th> <th>Recognize(ft)</th> <th>Identify(ft)</th> </tr> </thead> <tbody> <tr> <td>2.8mm</td> <td>262(80m)</td> <td>105(32m)</td> <td>52(16m)</td> <td>26(8m)</td> </tr> </tbody> </table> | Lens | Detect(ft) | Observe(ft) | Recognize(ft) | Identify(ft) | 2.8mm | 262(80m) | 105(32m) | 52(16m) | 26(8m) |
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| Others | | | | | | | | | | | |
| Power Supply | DC12V/PoE | | | | | | | | | | |
| Power Consumption | < 12.5W | | | | | | | | | | |
| 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 | Ø 4.4 x 3.9 in (111.5 × 99.6 mm) | | | | | | | | | | |
| Weight (net) | Approx. 1.4 lbs (0.64KG) | | | | | | | | | | |
| 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) | | | | | | | | | | |

