



PAR-P8PTZXIR32NH-AI

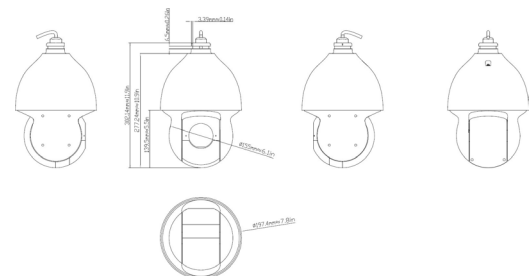
8 Megapixel IP Plug & Play, Outdoor PTZ, 32x Optical Zoom, up to 656' IR Range, True WDR, SD Card Slot, DC24V/PoE++

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Supports Native Chrome/Edge Use
- 8 Megapixel Resolution
- Supports Smart tracking Based off AI Event
- True Day/Night with IR Range up to 656'
- H.265,H.265+,H.264,H.264+ Compression
- 30 FPS Recording and Live
- True WDR
- Micro SD Slot: Up to 256GB
- Audio Input/Audio Output
- IP67 Weatherproof
- DC24V/PoE++ Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDA Compliant

| | |
|---------------------|--|
| Camera Module | |
| Image sensor | 1/2.8" progressive scan CMOS image sensor, BSI and NIR++,dual gain(SONY IMX715) |
| Max resolution | 3840x2160 |
| Mini. Illumination | Color: 0.01 Lux @ (F1.3,AGC ON); B/W:0.002 Lux @(F1.3 AGC ON); 0 Lux with IR |
| Image setting | Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, etc. adjusted by client |
| Shutter Speed | 60Hz: 1/30s – 1/30,000s@30fps; 50Hz: 1/25s~1/25,000s@25fps |
| White Balance | Auto/Manual/Indoor/Outdoor |
| Gain control | Auto/Manual |
| Day & Night control | Auto/Manual_time schedule |
| Iris control | Auto/Manual |
| SNR | ≥52dB |
| 3D DNR | Auto/Manual |
| AE Enhancement | BLC, HLC, WDR/HDR |
| Digital Zoom | 8X |
| EIS | N/A |
| Privacy Mask | 4 mask areas (Ver 5.1.3 update: 24 programmable polygon privacy masks, color or mosaic configurable) |
| Picture overlay | Logo picture could be overlaid on video with 128x128pixels,24bits format |
| OSD overlay | Max 15 characters/line, 8 lines, white or red font color |
| Lens | |
| Focus length | f=4.8-154mm,32x optical zoom |
| Zoom Speed | Approx. 4.6s (optical zoom, wide-tele) |
| Field of View | Horizontal: 61.3°~2.18°;Vertical: 36.9°~ 1.22°; Diagonal: 68.4°~ 2.5°(wide-tele) ±5% |
| Image distance | Wide: 1.0m ~ INF; tele: 1.5m ~ INF |
| Aperture Range | F1.3~F4.8(W-T) |
| Iris Type | DC_IRIS |
| IR Cut type | Removable IRCF, reflection type |
| PTZ | |
| Pan Range | 360°endless |
| Pan speed | Configurable, from 0.1°~360°/s; Preset speed: 330°/s |
| Tilt Range | From -25°to 155°,auto flip at 90° |
| Tilt Speed | Configurable, from 0.1°~210°/s, Preset speed: 180°/s |
| Proportional Zoom | Yes |
| Preset | 360 |
| Cruise | 8 cruises, up to 16 presets (ver5.1.3 update:32presets) for each cruises |
| Trace | 4 traces, record time over 3 minutes(ver5.1.3 update: 10minutes) for each trace |
| Power off memory | Support |
| Action mode | Preset/Cruise/Trace/Auto Scan/Random Scan |
| 3D Positioning | Support |
| PTZ status display | Support |
| Schedule Task | Preset/Cruise/Trace/Random Scan/Boundary Scanning /Dome reboot |
| IR | |
| IR Distance | 656 ft (200m) |
| IR type | 8pcs of 5W 855nm IR Array, 4groups |
| Smart IR | Yes |
| Network | |
| Main stream | 50Hz: 25fps: 3840x2160, 2560x1440, 1920x1080, 1280x960, 1280x720; 60Hz: 30fps: 3840x2160, 2560x1440, 1920x1080, 1280x960, 1280x720 |

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|-----------------------|---|
| Sub stream | 50Hz: 25fps (704 x576, 640 x480, 352 x288); 60Hz: 30fps (704 x480, 640 x480, 352 x240) |
| Third Stream | 50Hz: 25fps (1920 x1080, 1280 x960, 1280 x720, 704 x576, 640 x480, 352 x288) 60Hz: 30fps (1920 x1080, 1280 x960, 1280 x720, 704 x480, 640 x480, 352 x240) |
| Video compression | H.265+/H.265/H.264+/H.264/MJPEG |
| H.264 Standard | H.264/AVC codec BP/MP/HP, Level 5.1 |
| H.265 Standard | H.265/HEVC codec MP, level 5.0 |
| Video Bit Rate | 64 Kbps to 16Mbps |
| Audio compression | G.711 A/U |
| Audio Bit Rate | 64K bps |
| Protocols | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTP, RTP, TCP/IP, UDP,DHCP, PPPoE, RTMP |
| User / Host | Up to 16 users, 3 levels: Administrator, Advanced User and Normal User |
| Security Measures | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering |
| API | ONVIF Profile G/S/T |
| Client | Paramont NVR, Paramont CMS 2.0, Paramont CMS Mobile App |
| Web Browser | IE8-11 with plug-in; Edge, Chrome, Firefox with plugin free |
| Smart Features | |
| Basic event | Motion detection, Video tampering alarm, Exception Network disconnected, IP address conflict, SD full, SD error) |
| Face recognize | Face detection, capturing (Default off, open per request) face comparison. Max 15 faces at the same times |
| Smart Detection | Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc. |
| Smart Tracking | Support smart tracking of human or vehicle, auto/manual |
| System Integration | |
| Alarm Interface | 1 Alarm input(Dry contact); 1 Alarm output |
| Audio Interface | 1 audio input, line level, 2.0-2.4Vpp, impedance 1KΩ; 1 audio output, line level, impedance:600Ω |
| Alarm Linkage | Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc. |
| Network Interface | 1 RJ45 10M/100M Adaptive Ethernet; Support PoE++ |
| SD Card Slot | One MicroSD slot and chamber, up to 256G |
| Built-in Speaker& Mic | N/A |
| RS485 | N/A |
| BNC | N/A |
| Reset button | Yes |
| Electric Heater & Fan | Yes |
| Water removal | Remove water-drops by quick spinning |
| Demist | Active electric heating and air loop |
| General | |
| Languages | Czech; English, German, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Romanian, Spanish, Spanish (Mexico) , Simplified Chinese, Turkish, Traditional Chinese, etc. |
| Power consumption | avg. 14W, max 29W, including IR 10W |
| Power adaptor | DC24V±25%1500mA adaptor AC24V |
| Power over ethernet | PoE++ (802.3bt) (60Watt) midspan, network switch, router or high power NVR |
| Working condition | -40°F ~ 149°F (-40°C ~ 65°C), IR off: -40°C ~ 45°C;IR on; Cold start at - 30°C; 90%RH |
| Storage condition | -40°F ~ 158°F (-40°C ~ 70°C) ; ≤ 95% RH |
| Protection | 6000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Material | Aluminum Alloy (ADC12); Polymer (PC+GF15%) |
| Dimensions | Φ7.8 inch x11.9 inch (Φ 197mm x 302mm) |
| Weight | Approx. 6.22 lb (2.82 Kg) |
| Certification | IP67, IK10(including glass window), ROHS, CE, FC, KC, BIS,UKCA |



| DORI Distance | Focus length | Detect | Observe | Recognize | Identify |
|---------------|--------------|---------------------|---------------------|--------------------|-------------------|
| | f=4.8mm | 326.8 ft (143.4m) | 129.7 ft (56.9m) | 65.4 ft (28.7m) | 32.7 ft (14.3m) |
| | f=154mm | 8126.6 ft (4093.8m) | 3250.7 ft (1624.5m) | 1625.3 ft (818.8m) | 812.7 ft (409.4m) |

Ordering Information

PAR-P8PTZXIR32NH-AI: 8 Megapixel IP Plug & Play, Outdoor PTZ