



PAR-P4DRPTZXIR3NH-AI

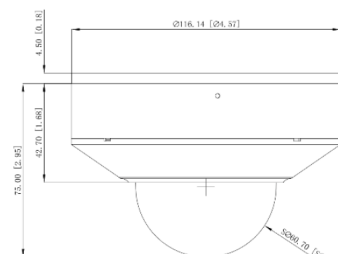
4 Megapixel Starlight IP Plug & Play, Indoor/Outdoor PTZ Dome, 3.18-7.42mm, Surface Mount Dome Style, IR Range up to 65', SD Card Slot, DC12V/PoE

Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- Supports Native Chrome/Edge Use
- True P2P Connectivity with QR Code Connect NAT 1.0
- 4 Megapixel Resolution
- Motorized Auto-Focus 3.18-7.42mm Lens
- True Day/Night with IR Range up to 65'
- Starlight Illumination
- Ultra 265,H.265,H.264, MJPEG
- 30 FPS Recording and Live
- Micro SD Slot: Up to 512GB
- 12VDC/PoE Operation
- IP67 Weatherproof
- IK10 Vandal Resistant
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Camera																
Image sensor	1/2.7" progressive scan CMOS with BSI and NIR+ technology															
Max Resolution	2688x1520(4.08MP)															
Mini. Illumination	Color:0.02 Lux @ (F1.6,AGC ON) B/W 0.004 Lux @(F1.6 AGC ON); 0 Lux with IR															
Image setting	Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client															
Shutter Speed	50Hz: 1/25s~1/25,000s, 60Hz: 1/30s~1/30,000s															
White Balance	Auto/Manual/Indoor/Outdoor															
Gain	Auto/Manual															
Day & Night	Auto/Manual															
Aperture control	N/A															
S/N Ratio	≥52dB															
3D DNR	Auto/Manual															
AE Enhancement	BLC, HLC, DWDR(suggest in still mode)															
Digital Zoom	8X															
Privacy Mask	4 Programmable privacy masks															
Picture overlay	Logo picture could be overlaid on video with 128x128pixels,24bits JPG format															
Font overlay	Max 15characters per line, 8lines max, white color or red color															
OSD	Time, Date, Device Name, Zoom ratio, Direction(N/S/E/W),PTZ Status, etc.															
Lens																
Focus length	f=3.18mm~7.42mm(wide-tele) ±5%, about 3x optical zoom AF lens															
Zoom Speed	1 second(Wide->tele)															
Field of View	Horizontal: 113.6°(W)-44.3°(T); Vertical :59.6°(W)-24.9°(T) ; Diagonal:137.4°(W)-50.8°(T); ±5%															
Minimum View Distance	40cm															
Aperture Range	F1.6 ~ F2.7 (wide-tele)±10%															
IR Cut filter	Switchable ICR															
DORI table	<table><tr><td>Lens</td><td>Detect(25px/m)</td><td>Observe(63px/m)</td><td>Recognize(125px/m)</td><td>Identify(250px/m)</td></tr><tr><td>f=3.18mm</td><td>206ft (62.8m)</td><td>81.7ft (24.9m)</td><td>41.2ft (12.56m)</td><td>20.6ft (6.28m)</td></tr><tr><td>f=7.42mm</td><td>487ft (148.4m)</td><td>193ft (58.89m)</td><td>97.4ft (29.68m)</td><td>48.7ft (14.84m)</td></tr></table>	Lens	Detect(25px/m)	Observe(63px/m)	Recognize(125px/m)	Identify(250px/m)	f=3.18mm	206ft (62.8m)	81.7ft (24.9m)	41.2ft (12.56m)	20.6ft (6.28m)	f=7.42mm	487ft (148.4m)	193ft (58.89m)	97.4ft (29.68m)	48.7ft (14.84m)
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PTZ																
Pan Range	0~355°															
Pan speed	Configurable, from 0.5~80°/s; Preset speed: 80°/s															
Tilt Range	From 15°to 90°(auto flip at 90°) , (±1°)															
Tilt Speed	Configurable, from 0.5~ 80°/s, Preset speed: 80°/s															
Pan/Tilt intervals	Default 300seconds, min 120seconds, max 3600 seconds. Customized per request															
Proportional Zoom	Yes															
Preset	360															
Cruise	8 cruises, up to 16 presets for each cruises															
Trace	N/A															
Power off memory	Support															
Action mode	Preset/Cruise(No trace or scan)															
3D Positioning	Support															
PTZ Position Display	Support															
Schedule Task	Preset/Cruise/Dome reboot															
Supplement Light																
IR Distance	Up to 65' (20m), 4pcs 850nm															
Smart IR	Yes															
Network																
Main stream	25fps:(2688×1520, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720); 30fps:(2688×1520, 2560×1440, 2048×1536, 1920×1080, 1280×960, 1280×720)															
Sub stream	25fps (704 ×576, 640 ×480, 352 ×288) 30fps (704 ×480, 640 ×480, 352 ×240)															
Third Stream	25fps (1920 ×1080, 1280 ×960, 1280 ×720, 704 ×576, 640 ×480, 352 ×288) 30fps (1920 ×1080, 1280 ×960, 1280 ×720, 704 ×480, 640 ×480, 352 ×240)															
Video compression	Smart H.265+/H.265/H.264+/H.264/MJPEG															
H.264 Encoder	H.264/AVC codec BP/MP/HP, level 5.1															
H.265 Encoder	H.265/HEVC codec MP, level 5.0															

Video bit rate	H.264: 128kbps~16,384 kbps; H.265: 51 kbps~12,288kbps
Audio Compression	G.711 A/U
Audio bit rate	64Kbps
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, P2P Support (IE Mode)
P2P Support	
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 G/S/T, support SDK and third-party management platform
Client	Web Client/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 Detection	Support
Smart Event	Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc. More VCA per request. (Human/Vehicle /Non-motor Vehicle Classification)
Smart Tracking	Smart tracking of human or vehicle, auto/manual (Human/Vehicle /Non-motor Vehicle Classification)
System Integration	
Audio Interface	1CH audio input, 2 to 2.4V(p-p) 1KΩ ±10%,bare Wire; 1CH audio output (line out), impedance: 600Ω,bare wire
Built-in mic	1-ch mic
Built-in Speaker	N/A
Audio device switch	Default use built-in MIC, manually switch to external
Alarm interface	1CH alarm input(DRY Connection); 1CH alarm output
Alarm Linkage	Alarm actions, such as Preset, Cruise, 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)
Storage Slot	Card chamber, support microSD/TF card, up to 512GB
Serial interface	No RS485/RS232
Auxiliary video	N/A
Reset button	Yes
Heat and Fan	N/A
Water removal	Dust and Water-resistant coating for dome cover
General	
Languages	Czech; English; German; Hungarian ; Italian ; Japanese ; Korean ; Portuguese; Polish; Russian; Romanian, Spanish; Spanish(Mexico); Simplified Chinese; Turkish; Traditional Chinese. etc.
Power	DC12V±20% 2000mA or PoE(802.3.af). avg 7Watt;max 12Watt (IR + PTZ working)
Working condition	-22°F ~ 140°F (-30°C ~ 60°C) IR off, -22°F ~ 104°F (-30°C ~ 40°C) IR on; Cold start> 20°C(1Hour waiting), ≤90%RH
Storage condition	-40°F ~ 140°F (-40°C ~ 60°C) ; ≤ 95% RH
Protection	6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Shield Material	Main body: Aluminum Alloy (ADC12); Bubble: Polycarbonate
Dimensions	4.56" x 2.95" (116 x 75mm)
Weight (net)	Approx. 1 lb (463g)
Certification	IP67, IK10 (include lens bubble), ROHS,CE,FC,UKCA,KC,BIS



Ordering Information

PAR-P8TXIRA2812NH-AIWLTL: 8 Megapixel Turret, 2.8-12mm Lens

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