



PAR-P4PTZXIR25NH-AI

4 Megapixel IP Plug & Play, Outdoor PTZ, 25x Optical Zoom, up to 328' IR Range, True WDR, SD Card Slot, 12VDC/PoE++

Features

- 4 Megapixel Resolution
- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Supports Smart tracking Based off AI Event
- True Day/Night with IR Range up to 492'
- 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
- IP66 Weather Resistant
- 24VDC/24VAC/PoE++ Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Camera Module	
Image sensor	1/2.5" progressive scan CMOS
Mini. Illumination	Color: 0.0Lux@ (F1.65, AGC ON); B/W: 0.002Lux@ (F1.65, AGC ON); 0Lux with IR
Image setting	Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/Browser
Shutter Speed	1/1s-1/10,000s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	IR Cut filter
Privacy Mask	No
Image Enhancement	WDR, BLC, HLC, Electronic defog
Picture Overlay	Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format
Lens	
Focus length	f=4.8-120mm lens,25x optical zoom
Zoom Speed	Approx. 3.6s (optical zoom, wide-tele)
Field of View	Horizontal: 55° ~ 2.4° (wide-tele); Vertical: 35° ~ 1.4° (wide-tele); Diagonal: 61.5° ~ 2.8° (wide-tele)
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF
Aperture Range	F1.65 ~ F3.8 (wide-tele)
PTZ	
Pan Range	360°endless
Pan speed	Configurable, from 0.1°/80°/s; Preset speed: 120°/s
Tilt Range	From 0° to 90°
Tilt Speed	Configurable, from 0.1° ~ 70°/s, Preset speed: 120°/s
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Track	4 tracks, record time over 3 minutes for each trace
Power off memory	Support

Ordering Information

PAR-P4PTZXIR25NH-AI: 4 Megapixel IP Plug & Play, Outdoor PTZ

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

Action mode	Preset/Cruise/Track/Auto Scan/Random Scan
3D Positioning	Support
PTZ Position Display	Support
Schedule Task	Preset/Cruise/Track/Random Scan/Boundary Scanning /Dome reboot
IR	
IR Distance	328 ft (100m) with DC24CV/AC24V/PoE++(802.3.bt.class 5)
Smart IR	Yes, support facial exposure
Network	
Max Resolution	2560 x 1440
Main stream	2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720 (25/30fps)
Sub stream	25fps (1280x720, 704 x 576, 352 x 288); 30fps (1280x720, 704 x 480, 352 x 240)
Third Stream	25fps (704 x 576, 480 x 240, 352 x 288) 30fps (704 x 480, 480 x 240, 352 x 240)
SVC	Yes
Video compression	H.265/ H.264/MJPEG
Audio compression	G.711A/U
Audio Enhancement	No
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.IX, QoS, FTP, SMTP, UPnP, SNMP,DNS, DONs, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, - IGMP, ICMP,DHCP, PPPoE
Simultaneous live view	Up to 6 channels
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
Smart Features	
Basic Event	From 2MP PTZ
Smart Detection	Line crossing, intrusion Region Entrance Target/Exit Counting (human/vehicle classification)
Exception detection	Scene change, video blur
Smart Tracking	Manual Tracking (PTZ Control), Auto Tracking By Human or Vehicle Classification
System Integration	
Alarm Interface	1 Alarm input; 1 Alarm output
Audio Interface	1 audio input(MIC in); 1 audio output, line level, impedance,600Ω
Alarm Linkage	Alarm actions, such as Preset, Cruise, Trace, Memory Card Video Record, Trigger Recording, Upload to FTP/Memory Card, Send Email, etc.
Network Interface	1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.bt.class 5)
SD Card Slot	One MicroSD/SDHC/SDXC card slot, up to 256G
API	ONVIF, Profile S support SDK and third-party management platform
Client	Paramont NVR1.4.5, Paramont CMS AI
Web Browser	IE8-11
General	
Power	DC24V,AC24V or PoE++ (802.3.bt, class 6), (Max 34W, include IR, Heater, Fan working, max 12W for IR)
Working condition	-22°F ~ 140°F (-30°C ~ 60°C),90%RH less (non-condensing), Cold start at - 25°C
Storage condition	-40°F ~ 149°F (-40°C ~ 65°C); ≤ 95% RH
Protection	IP66, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	Aluminum Alloy + Plastic
Dimensions	Φ 7.7 inch x 12.5 in (Φ196mm x 317mm)
Weight	Approx. 8.31 lb (3.7 Kg.)
Certification	IP66,ROHS,CE,FC

DORI	Detect	Observe	Recognize	Identify
Define	25Pixels/meter	63Pixels/meter	125Pixels/meter	250pixels/meter
Distance	6233 ft (1900m)	2493ft(760m)	1246 ft (380m)	623ft (190m)

