



PAR-P2PTZXIR25NH-AI

2 Megapixel IP Plug & Play, Outdoor PTZ, 25x Zoom, up to 492 IR Range, WDR, SD Card Slot, 12VDC/PoE+

Features

- 2 Megapixel Resolution
- Supports Smart Tracking Based off AI Events
- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- True Day/Night with IR Range up to 492'
- H.265+,H.265,H.264+,H.264,MJPEG Compression
- 30 FPS Recording and Live
- True WDR
- Smart Analytics
- Micro SD Slot: Up to 256GB
- IP66 Weather Resistant
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Module	PAR-P2PTZXIR25NH-AI
Image sensor	1/2.8 progressive scan CMOS
Mini. Illumination	Color 0.005Lux @ (F1.65 AGC ON) B/W 0.001Lux @ (F1.65 AGC ON); 0Lux with IR
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser
Shutter Speed	1/1 s – 1/10,000 s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	IR Cut filter
Digital Zoom	16x
Privacy Mask	4 Programmable privacy masks
3D DNR	Auto/Manual
BLC	Yes
HLC	Yes
WDR	120 dB
Defog	Electronic
EIS	Yes
Regional Exposure	No
Lens	
Focus length	f=4.8-120mm lens,25x optical
Zoom Speed	Approx. 3.6s (optical zoom, wide-tele)
Field of View	Horizontal:57.6°to 2.5°(wide -tele) Vertical: 34.4°to 1.4°(wide -tele) Diagonal: 64.5°to 2.9°(wide -tele)
Working distance	wide: 1.0m ~ INF; tele: 1.5m ~ INF
Aperture Range	F1.65 ~ F3.8 (wide-tele)

Ordering Information

PAR-P2PTZXIR25NH-AI: 2 Megapixel IP Plug & Play PTZ, 25x Zoom

PTZ	
Pan Range	360°endless
Pan speed	Configurable, from 0.1~80°/s; Preset speed: 80°/s
Tilt Range	From -5°to 90°
Tilt Speed	Configurable, from 0.1~80°/s, Preset speed: 80°/s
Proportional Zoom	Yes
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	4 traces, record time over 3 minutes for each trace
Power off memory	Support
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	492 ft
Smart IR	Yes, Support Facial Exposure
Network	
Max Resolution	1920x1080
Main stream	1920x1080,1280x960,1280x720 25/30fps
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)
SVC	Yes
Video compression	H.265+/ H.265 / H.264+/ H.264 /MJPEG
Audio Enhancement	No
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
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	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, SD full, SD error) , defocus detection
Face Recognition	Default off, max 15 human faces per second. (NVR Side)
Face Recognition Camera	Default off/ Camera Side, Face Database of 10,000 Faces
People Density	Not support by this version
Smart Detection	Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection, Target Counting, Scene change detection, Support alarm triggering by human or vehicle, filtering flag/animal.
Smart Tracking	Manual Tracking,(PTZ Control) Auto Tracking by human or vehicle Classification
System Integration	
Alarm Interface	None
Audio Interface	None
Alarm Linkage	Alarm actions, such as Preset, Cruise, Track, 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 802.3.at)
CVBS	None
RS 485	None
SD Card Slot	On-Body memory card slot, support microSD/SDHC/SDXC, up to 256G
API	ONVIF Profile S, Supports SDK, and Third-Party Management Platform
Client	Paramont CMS APP / Paramont CMS AI TSS
Web Browser	IE8-11
General	
Power	DC12V or PoE+ (802.3.at, class 3), (Max 22W, include IR on, Heater on, Fan working)
Working condition	-22°F ~ 131°F (-30°C ~ 55°C),90%RH less (non -condensing), Cold start at - 4°F
Storage condition	-40°F~ 149°F (-40°C ~ 65°C) ; ≤ 95% RH
Protection	IP66, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	Aluminum Alloy,PC+GF10%
Dimensions	6.8" Φ × 9.7" (Φ 173mm × 247mm)
Weight	Approx. 13.22 lb (2.1 Kg)
Certification	IP66,ROHS,CE,FC

DORI	Detect (human behaviours)	Observe (as Court level evidence)	Recognize (face ID, CPL)	Identify (human and his photo)
Define	25Pixels/meter	63Pixels/meter	125Pixels/meter	250pixels/meter
Distance	1600m	635m	320m	160m