PAR-P4PTZXIR25NH-AI

4 Megapixel IP Plug & Play, Outdoor PTZ, 25x Optical Zoom,
up to 328' IR Range, True WDR, SD Card Slot, 24VDC/24VAC/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 328'
- 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
- NDAA Compliant

Camera Module	
Image sensor	1/2.5" progressive scan CMOS
Mini. Illumination	Color: 0 0lLux@ (Fl.65, AGC ON); B/W: 0.002Lux@ (Fl.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 128×128pixels, 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: l.0m ~ INF; tele: 1.5m ~ INF
Aperture Range	Fl.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
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 l440
Main stream	2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 (25/30fps)
Sub stream	25fps (1280×720, 704 × 576, 352 × 288); 30fps (1280×720, 704 × 480, 352 × 240)
Third Stream	25fps (704 × 576, 480 × 240, 352 × 288) 30fps (704 × 480, 480 × 240, 352 × 240)
SVC	Yes
Video compression	H.265/ H.264/MJPEG
Audio compression	G.711A/U
Audio Enhancement	No
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.lx, QoS, FTP, SMTP, UPnP, SNMP,DNS, DONS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, - IGMP, ICMP,DHCP, PPPoE
Simultaneous live view	Up to 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 × 12.5 in (Φ196mm × 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)

Ordering Information

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