



PAR-P4PTZXIR25NH-AI

4 Megapixel IP Plug & Play, Outdoor PTZ, 25x Optical Zoom,
up to 150 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
- True Day/Night with IR Range up to 492'
- H.265,H.265+,H.264,H.264+ Compression
- 30 FPS Recording and Live
- WDR
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output
- IP66 Weather Resistant
- 24VDC/24VAC
- 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: 0.01Lux@ (F1.65, AGC ON); B/W: 0.002Lux@ (F1.65, AGC ON); 0Lux with IR
Image setting	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/
Shutter Speed	1/1s-1/10,000s
White Balance	Auto/Manual/Indoor/Outdoor
Gain	Auto/Manual
Day & Night	IR Cut filter
Privacy Mask	4 Programmable privacy masks
Image Enhancement	WDR, BLC, HLC, Electronic defog
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°end less
Pan speed	Configurable, from 0.1~80°/s; Preset speed: 150°/s
Tilt Range	From -3° to 90°
Tilt Speed	Configurable, from 0.1~ 80°/s, Preset speed: 120°/s
Proportional Zoom	Yes

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.

Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Track	4 tracks, record time over 3 minutes for each track
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
Network	
Max Resolution	2560x1440
Main stream	2560x1440,2048x1536,1920x1080,1280x960,1280x720 (25/30 fps)
Sub stream	25fps (704 X 576,640 X 480,352 X 288) 30fps (704 X 480,640 X 480,352 X 240)
Third Stream	25fps (1920 X 1080,1280 X 960,1280 X 720,704 X 576,640 X 480,352 X 288) 30fps (1920 X 1080,1280 X 960,1280 X 720,704 X 480, 640 X 480,352 X 240)
SVC	Yes
Video compression	H.265+/H.265/H.264+/H.264/MJPEG
Audio compression	G.711A/U
Audio Enhancement	No
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP,DNS, DNS, 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	Motion Detection, Video Exception Alarm, SD card Full, SD Card Error
Smart Detection	Line crossing, intrusion(human/vehicle classification), Scene Change, Video Blur
Face detection	Face detection and capture
System Integration	
Alarm Interface	1 Alarm input; 1 Alarm output
Audio interface	1 audio input(mic in); 1 audio output, line level, impedance, 600
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. bt, class 5)
CVBS	None
R5485	None
SD Card Slot	One MicroSD/SDHC/SDXC card slot, up to 256g
API	ONVIF
Client	Paramont CMS App/ Paramont CMS AI TSS
Web Browser	IE8-11
General	
Power	DC24V, AC24V or Poe++ (802.3, class 5) (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 -13°F
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	8.22 in x 12.91 in (209mm x 328mm)
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)