



## PAR-P4RICSNH-AI

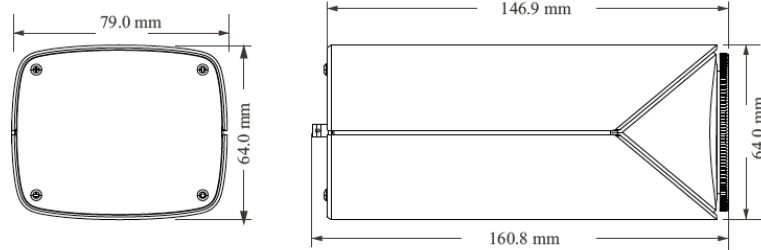
4 Megapixel IP Plug & Play Indoor Box Camera, True AI, CVBS Output, True WDR, Audio Input/Output, Built-in Mic, SD Card Slot, 12VDC/24VAC/PoE

### Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Supports Native Chrome/Edge Use
- 4 Megapixel Resolution
- H.265, H.265+, H.264, H.264+ Compression
- 30 FPS Recording and Live
- True WDR 120dB
- CVBS Video Output
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output
- 12VDC/24VAC/PoE
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Camera	PAR-P4RICSNH-AI
Image Sensor	1/3" CMOS
Image Size	2592 x 1520
Electronic Shutter	Auto/manual; manual mode: 1/2s ~ 1/100000s
Iris Type	DC Iris
Min. Illumination	Color: 0.0028 lux@F1.2, AGC ON; B&W: 0.001 lux@F1.2, AGC ON
Lens Mount	CS
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
Digital NR	3D DNR
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	4MP (2592x1520), 2K(2560x1440), 3MP(2304x1296), 1080P(1920x1080), 720P (1280 x 720), D1, CIF, 480 x 240, VGA(640 x 480)
Main Stream	4MP/2K/3MP/1080P / 720P( 60Hz : 1 ~ 30fps; 50Hz: 1 ~ 25fps ) HFR mode: 1080P / 720P( 60Hz : 1 ~ 60fps; 50Hz: 1 ~ 50fps )
Sub Stream	720P/D1/CIF/VGA ( 60Hz : 1 ~ 30fps; 50Hz: 1 ~ 25fps )

Third Stream	D1/CIF/480x240 ( 60Hz : 1 ~ 30fps; 50Hz: 1 ~ 25fps )
Bit Rate	64 Kbps ~ 8 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Intelligent Analytics	
Smart Event	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection
Statistics	Target counting by line/area, heat map
Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Face Detection	Face detection and face capture
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature
Interfaces	
Network	RJ45
Video Output	CVBS output (BNC x 1)
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Alarm	2CH alarm input; 2CH alarm output
RS 485	Yes
Functions	
Remote Monitoring	Web browser, Paramount CMS AI, NVR, Paramount Mobile App
Web Browser	IE11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPS, QoS
Interface Protocol	ONVIF(profile S, G, T, M)
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
PoE	Yes, IEEE802.3af
IR Distance	No
Weather-proof Grade	No
Others	
Power Supply	AC24V/DC12V/PoE
Power Consumption	< 1W
Storage Conditions	-22°F ~ 149°F ( - 30 °C ~ 65°C), Humidity: less than 95 % (non-condensing)
Operating Conditions	-22°F ~ 140°F ( - 30 °C ~ 60 °C), Humidity: less than 95 % (non-condensing)
Dimensions	6.33 x 3.11 x 2.5 in (160.8 x 79 x 64mm)
Weight ( net )	Approx. 1.1 lbs (0.5KG)
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)



### Ordering Information

**PAR-P4RICSNH-AI:** 4 Megapixel Box Camera, Lens sold separately