



PAR-P4BIR36NH-AI

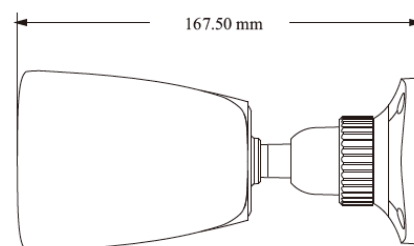
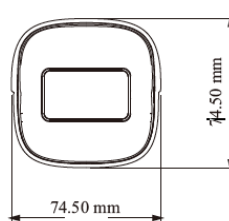
4 Megapixel IP Plug & Play, Outdoor Bullet, True AI, Fixed lens, Up to 98' IR Range, True WDR, Audio Input, 12VDC/PoE

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 4 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98'
- H.265+/H.265/H.264+/H.264
- 30 FPS Recording and Live
- True WDR 120dB
- SD Slot for Local Storage: Up to 256GB
- Audio Input
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Supports Native Chrome/EDGE Use
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client
- NDAA Compliant

Model	PAR-P4BIR36NH-AI
Camera	
Image Sensor	1/3" CMOS
Image Size	2592 × 1520
Electronic Shutter	Auto/manual; manual mode: 1/2s ~ 1/100000 s
Iris Type	Fixed Iris
Min. Illumination	0.005 lux@F1.6, AGC ON; 0 lux with IR
Lens	3.6 mm@F1.6, Horizontal FoV: 78.8°; vertical FoV: 42.3°; diagonal FoV: 100.2°
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	≥50dB
S/N Ratio	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~360°

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 (2592×1520), 2K(2560×1440), 3MP(2304×1296), 1080P(1920×1080), 720P (1280 × 720), D1, CIF, 480 × 240, VGA(640 × 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/480×240 (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 (Human and Vehicle Classification)										
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										
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect(ft)</th> <th>Observe(ft)</th> <th>Recognize(ft)</th> <th>Identify(ft)</th> </tr> </thead> <tbody> <tr> <td>3.6mm</td> <td>246.82(75.24m)</td> <td>98.8(30.1m)</td> <td>49.4(15.05m)</td> <td>24.7(7.52m)</td> </tr> </tbody> </table>	Lens	Detect(ft)	Observe(ft)	Recognize(ft)	Identify(ft)	3.6mm	246.82(75.24m)	98.8(30.1m)	49.4(15.05m)	24.7(7.52m)
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3.6mm	246.82(75.24m)	98.8(30.1m)	49.4(15.05m)	24.7(7.52m)							
Interfaces											
Network	RJ 45 10M/100M self-adaptive Ethernet port										
Video Output	No										
Audio	1CH audio input										
Alarm	No										
Storage	Built-in micro SD card slot; up to 256GB										
Reset	Yes										
Functions											
Remote Monitoring	Web Browser/Paramont CMS NVMS2.0/NVR/Paramont CMS 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, SD card error, SD card full										
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	98'										
Ingress Protection	IP67										
Others											
Power Supply	DC12V/PoE										
Power Consumption	< 6W										
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	6.6 x 2.9 x 2.9 in (167.5 × 74.5 × 74.5mm)										
Weight (net)	Approx. .93 lbs (0.423KG)										
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-P4BIR36NH-AI: 4 Megapixel Bullet, 3.6mm