



PAR-P8BIR28NH-AI

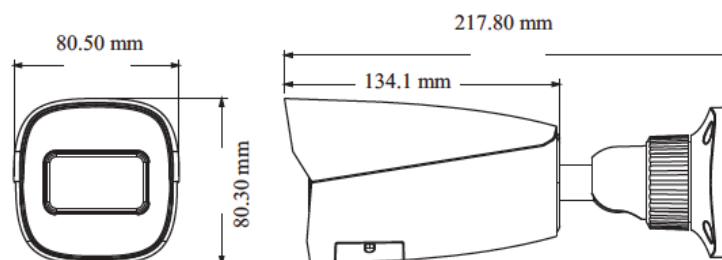
8 Megapixel IP Plug & Play, Outdoor Bullet, True AI, Fixed Lens,
Up to 164' IR Range, True WDR, Audio Input, SD Card Slot, PoE/12VDC

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 98-164'
- H.265+ / H.265 / H.264+ / H.264
- 30 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Audio Input
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client
- NDAA Compliant

Camera	PAR-P4BIR28NH-AI
Image Sensor	1 / 2.8" CMOS
Image Size	3840×2160
Electronic Shutter	1 s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.01 lux @ F1.2, AGC ON; 0 lux with IR 0.02 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8mm@F1.6, Horizontal FoV: 106.9°; Vertical FoV: 56.9°; Diagonal FoV: 127.9°
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 90°; 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	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (2592 × 1944), 4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz: 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz: 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps)
Sub Stream	720P/D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, intrusion (human/motor vehicle/non-motor vehicle classification)
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting
Exception Detection	Scene change, video blur and video color cast detection
Face Detection	Face detection and face capture
Interfaces	
Network	RJ45
Video Output	No
Audio	1CH audio input
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Functions	
Remote Monitoring	Web Browser, Paramount DVR/NVR, Paramount CMS AI, Paramount CMS App
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, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, QoS
Interface Protocol	ONVIF Profile T
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, etc.
PoE	Yes, IEEE802.3af
IR Distance	Up to 164' (30 ~ 50 m)
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 9W
Operating Conditions	-22°F ~ 140°F (-30 °C ~ 60 °C), Humidity: less than 95 % (non-condensing)
Dimensions	8.6 x 3.2 x 3.2 in (217.8 × 80.5 × 80.3 mm)
Weight (net)	Approx. 1.5lb (0.68KG)
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC, ETL: 5025761
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)



Ordering Information

PAR-P8BIR28NH-AI: 8 Megapixel Bullet, 2.8mm