

PAR-P8DRIR28-LC4

8 Megapixel IP Plug & Play, Outdoor Dome, 2.8mm Fixed Lens, First Level AI, IR, AI-Triggered White Light, Built-in Mic, SD Card Slot, 12VDC/PoE

KEY FEATURES

- First Level Human and Vehicle Classification
- AI-Triggered White Light up to 65'

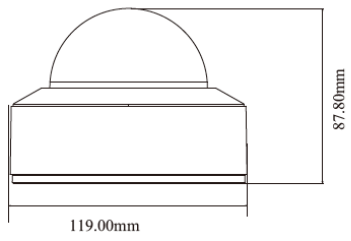
CORE FEATURES

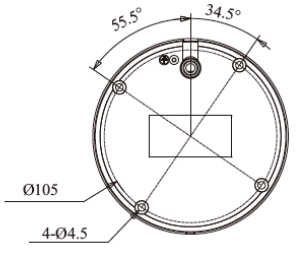
- 8 Megapixel / 4K
- Fixed 2.8mm
- Cloud Upgradeable
- True P2P Connectivity with QR Code Connect NAT 2.0
- Micro SD Slot: Up to 256GB
- Built-in Mic with External Audio Input
- True Day/Night with IR Range up to 98'
- IP67 Weatherproof
- IK10 Vandal Resistant
- 20 FPS Recording and Live
- ONVIF
- Supports Native Chrome/Edge Use
- 12VDC/PoE Operation
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Model	PAR-P8DRIR28-LC4
Camera	
Image Sensor	1 / 2.8 "CMOS
Image Size	3840×2160
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.01 lux @F1.6, AGC ON; 0 lux with illumination on
Lens	2.8mm@F1.6, Horizontal FoV: 106°; Vertical FoV:57°; Diagonal FoV:126°
Focus	Fixed
Lens Mount	M12
Day&Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Digital NR	Yes
Defog	Yes
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~355°; Tilt:0°~70°;Rotation: 0°~180°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub /Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	8MP(3840×2160), 6MP(3200×1800), 4MP(2688×1520), 2K(2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640× 360, 480× 240, CIF
Main Stream	8MP(1~20fps) /6MP/4MP/2K/1080P (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	720P/D1/VGA/640×360/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	720P (60Hz: 1~15fps; 50Hz: 1~12fps) /D1/VGA/640×360/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~12Mbps
Bit Rate Type	VBR / CBR
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
Audio Compression	G711A/U
ROI	8ROI, Each ROI to be configured separately
Interfaces	
Network	RJ45 (10/100 Base-T)
Video Output	No
Audio	1CH audio input; 1CH built-in MIC
Storage	Built-in micro SD card slot, up to 256GB
Reset	Yes
Functions	
Remote Monitoring	Web Browser, NVR, Paramount CMS, Paramount CMS App
Web Browser	Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	TCP, UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS, ICMP, IGMP
Interface Protocol	ONVIF (Profile G/S/T/M)
API&SDK	Yes
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, SD card full, SD card error, IP address conflict, cable disconnection, video exception (scene change, video blur and abnormal color detection)
Intelligent Video Detection (IVD)	Line crossing /region intrusion detection(human/vehicle classification), abandoned/missing object detection
General Function	Watermark, IP address filtering, video mask, heartbeat, smart supplement light, corridor pattern, image distortion correction, ANR, cloud upgrade, disarming
PoE	Yes (IEEE802.3af)
Supplement Light Range	IR range: 65.6 ~ 98.4 ft (20 ~ 30 m); white light range:32.8 ~ 65.6 ft (10 ~ 20 m)
Ingress Protection	IP 67 & IK 10
Security	Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP/API
DORI Distance	

Lens	Detect	Observe	Recognize	Identify
2.8mm	261 ft (80 m)	104 ft (32 m)	52 ft (16 m)	26 ft (8 m)

Others	
Power Supply	DC12V/PoE
Power Consumption	DC12V: < 6.1W; PoE: < 7.2W
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 (mm)	Ø4.7 in × 3.5 in (Ø119 mm × 87.8 mm)
Weight (net)	Approx. 1.41 lb (0.64KG)
Material	Aluminum alloy body
Installation	Ceiling mounting; wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE (2012/19/EU), and REACH (EC1907/2006)





Ordering Information

PAR-P8DRIR28-LC4: 8 Megapixel Dome, 2.8mm

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