



PAR-P8BIRA2812-LC2

8 Megapixel IP Plug & Play, Outdoor Bullet, 2.8-12mm Motorized A/F, Up to 164' IR Range, True WDR, Audio Input, PoE/12VDC

Features

- First Level Human and Vehicle Classification
- 8 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True Day/Night with IR Range up to 164'
- H.265+ / H.265 / H.264+ / H.264 / MJPEG
- 20 FPS Recording and Live
- True WDR
- 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

Camera	PAR-P8BIRA2812-LC2			
Image Sensor	1 / 2.8" CMOS			
Image Size	3840x2160			
Electronic Shutter	1 s ~ 1 / 100000 s			
Iris Type	Fixed Iris	DC Iris		
Min. Illumination	0.02 lux @ F1.6, AGC ON; 0 lux with IR			
Lens	2.8-12mm@F1.6, H.FoV:99° ~ 34°; V.FoV:53° ~ 18°; D.FoV:115° ~ 36°			
Focus	Motorized			
Lens Mount	Φ14			
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°			
DORI Distance				
Lens	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)
2.8 ~ 12mm (W)	281.20 (85.71m)	112.46 (34.28m)	56.23 (17.14m)	28.11 (8.57m)
2.8 ~ 12mm (T)	894.84 (272.75m)	357.93 (109.10m)	178.96 (54.55m)	89.46 (27.27m)
Image				
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			

Ordering Information

PAR-P8BIR28A2812-LC2: 8 Megapixel Bullet, 2.8-12mm Motorized A/F

Resolution	8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP (2560 × 1520), 2K(2560 × 1440), 3MP(2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Main Stream	60Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps)
Sub Stream	60Hz: 720P(1~12fps)/D1/480 × 240(1~30fps) 50Hz: 720P/D1/480 × 240(1~25fps)
Third Stream	60Hz: D1/CIF/480 × 240 (1~30fps) 50Hz: D1/CIF/480 × 240 (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, image mirror, image flip, Sharpness, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
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	IE Browser, Paramont DVR/NVR, Paramont CMS AI, Paramont 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, 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
Intelligent Analytics	Scene change, video blur detection, video color cast detection , line crossing detection, intrusion detection
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, corridor pattern, etc.
IR Distance	Up to 164' (30~50m)
Protection Grade	IP 67
PoE	Yes (IEEE802.3af)
Others	
Power Supply	DC12V/PoE
Power Consumption	< 10W
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	8.6 × 3.2 × 3.2 in (217.8 × 80.5 × 80.3mm)
Weight (net)	Approx. 1.5 lb (0.662KG)
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)

