



PAR-P8DRIRA2812-AI

8 Megapixel IP Plug & Play, Outdoor Dome, 164' IR Range, True AI, Audio Input/Output, PoE/12VDC

Features

- 8 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True Day/Night with IR Range up to 98-164'
- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Smart H.265/H.265+/H.265/Smart H.264/H.264+/H.264/MJPEG Compression
- 20 FPS Recording and Live
- True WDR 120dB
- Smart Analytics
- CVBS Video Output
- SD Slot for Local Storage: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output
- IP67 Weatherproof
- IK10 Vandal Resistant
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Camera	PAR-P8DRIRA2812-AI
Image Sensor	1 / 2.8" CMOS
Image Size	3840x2160
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.01 lux @ F1.2, AGC ON; 0 lux with IR 0.015 lux@F1.4, AGC ON; 0 lux with IR
Lens	2.8-12mm@F1.4, motorized
Field of View	Horizontal: 96°~32°; Vertical: 64°~18.4°; Diagonal: 103.8°~36.5°
Lens Mount	φ14
Day&Night	ICR

Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°
Image	
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / 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(1~20fps), 5MP/4MP/2K/3MP/1080P/720P (1~30fps) 50Hz : 8MP/6MP(1~20fps), 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, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, region entrance/exiting/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
General Intelligence	Crowd density detection, heat map, object abandoned/missing detection*
Interfaces	
Network	RJ45
Video Output	CVBS output (BNC×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	1CH alarm input; 1CH alarm output
Functions	
Remote Monitoring	Web browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection; sensor alarm, SD card error; SD card full, IP address conflict, cable disconnection
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.
IR Distance	98-164' (30~50m)
Protection Grade	IP 67&IK10
PoE	Yes (IEEE802.3af)
Others	
Power Supply	DC12V/PoE
Power Consumption	< 10.5W
Operating Environment	-22°F~140°F (-30°C ~ 60°C) Humidity: less than 95% (non-condensing)
Dimensions	φ 5.5 x 3.9 in (141 × 100.2 mm)
Weight (net)	Approx. 1.96lbs (0.89KG)
Installation	Ceiling mounting; Wall mounting

Ordering Information

PAR-P8DRIRA2812-AI: 8 Megapixel Dome, 2.8-12mm Motorized A/F