



### PAR-P4DRIRA2812-AI

4 Megapixel IP Plug & Play, Outdoor Dome, True AI, 164' IR Range, WDR, Audio Input/Output, Built-in Mic, PoE/12VDC, Facial Rec

#### Features

- 4 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- Facial Recognition Capable with Compatible NVR
- True Day/Night with IR Range up to 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
- 30 FPS Recording and Live
- True WDR 120dB
- SD Slot for Local Storage: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output
- IP67 Weatherproof
- IK10 Vandal Resistant
- 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

Camera	PAR-P4DRIRA2812-AI
Image Sensor	1 / 3 "CMOS
Image Size	2592 × 1520
Electronic Shutter	1 / 30 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.005 lux@F1.4,AGC ON; 0 lux with IR 0.0028 lux@F1.2,AGC ON; 0 lux with IR
Lens	2.8~12mm@F1.4, motorized zoom lens Horizontal field of view:94.2~29.8°
Lens Mount	Φ14
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	4MP ( 2592 × 1520 ), 2K ( 2560 × 1440 ), 3MP ( 2304 × 1296 ), 1080P (1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240
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 ( 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, Chroma, Contrast, Wide Dynamic, Sharpen NR., adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ45
Simultaneous Live View	10
User/Host	Up to 16 Users, 3-Levels, Admin/Advance/Common
Video Output	CVBS output (BNC × 1)
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC
Alarm	1CH alarm input; 1CH alarm output
Storage	Built-in micro SD card slot; up to 256GB
Hardware Reset	Yes
Functions	
Remote Monitoring	Web browsing,CMS remote control
Online Connection	Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF / API / SDK
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
Intelligent Analytics	Object abandoned/missing detection, region entrance/exiting/intrusion detection(human/vehicle classification), line crossing detection(human/ vehicle classification), video tampering detection, scene change detection, face detection, face capture, crowd density detection, heat map, human/vehicle counting, human tracking
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion correction
PoE	Yes , IEEE802.3af
IR Distance	164 Foot
Protection Grade	IP 67& IK10
Other	
Power Supply	DC12V/PoE
Power Consumption	< 8W
Operating Environment	-22°F ~ 140°F ( - 30 °C ~ 60 °C) Humidity: less than 95 % (non-condensing)
Dimensions ( mm )	Φ5.55 × 3.94" (Φ141 × 100.2)
Weight ( net )	Approx. 1.96lb (0.89KG)

#### Ordering Information

**PAR-P4DRIRA2812-AI:** 2 Megapixel Dome, 2.8-12mm Motorized A/F