



### PAR-P4TXIRA2812NH-AIWL

4 Megapixel IP Plug & Play, Outdoor Turret, 2.8-12mm Motorized Auto-Focus Lens, IR Range up to 131', WDR, White Light Supplement, Built-in Mic, SD Card Slot, 12VDC/PoE

#### Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- White Light Supplement: AI Triggered
- 4 Megapixel Resolution
- 2.8-12mm Motorized Auto-Focus Lens
- True Day/Night with IR Range up to 131'
- H.265+, H.265, H.264, MJPEG Compression
- 30 FPS Recording and Live
- True WDR 120dB
- Supports Native Chrome/EDGE Use
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- 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	
Image Sensor	1/3" CMOS
Image Size	2560 x 1440
Electronic Shutter	1/1 s ~ 1/100000 s
Iris Type	Fixed Iris
Min. Illumination	0.003 lux@ F1.0, AGC ON; 0 lux with LED ON
S/N Ratio	≥50dB
Lens	2.8~12 mm @F1.4, motorized
Field of View	Horizontal: 97°33'; Vertical:52°18'; Diagonal: 115°37'
Lens Mount	Φ14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	No
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265 /H.264 Sub stream: H.265 /H.264 / MJPEG Third stream: H.265 / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile

#### Ordering Information

**PAR-P4TXIRA2812NH-AIWL:** 4 Megapixel Turret, 2.8-12mm Motorized A/F

Resolution	4MP (2560 x 1440), 3MP (2304x1296 ), 1080P ( 1920 x 1080 ), 720P ( 1280 x 720 ), D1, VGA(640 x 480), CIF, 480 x 240			
Main Stream	60Hz:4MP/3MP/1080P/720P(1~30fps); 50Hz:4MP/3MP/1080P/720P(1~25fps)			
Sub Stream	60Hz : 720P/D1/ /CIF(1~VGA 30fps); 50Hz: 720P/D1/VGA/CIF (1~25fps)			
Third Stream	60Hz : D1/CIF/480x240 (1~30fps); 50Hz: D1/CIF/480x240 (1~25fps)			
Bit Rate	128 Kbps ~ 8 Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ 45			
Video Output	No			
Audio	1CH audio input; 1CH built-in MIC			
Storage	Built-in micro SD card slot, up to 256GB			
Reset	Yes			
Audio Sensitivity	-36db			
Intelligent Analytics (Smart Events)				
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification)			
Exception Detection	Scene change, video blur and abnormal color detection			
Functions				
Remote Monitoring	Web Browser/Paramont CMS/NVR/Paramont CMS APP			
Web Browser	IE11(plugin-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+			
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, RTMP, HTTP, 802.1x, UPnP, HTTPS, QoS			
Interface Protocol	ONVIF Profile T			
Storage	Network remote storage; micro SD card storage			
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection			
General function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction			
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS			
PoE	Yes (IEEE802.3af)			
Supplement Light Range	IR range: 131' White Light: 98'			
Light Modes	IR / White Light / Supplement Light			
Ingress Protection	IP 67			
DORI Distance				
Lens	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)
2.8~12mm(W)	193.7 (59.05m)	77.5 (23.62m)	38.74 (11.81m)	19.4 (5.9m)
2.8~12mm(T)	596.6 (181.84m)	238.6 (72.73m)	119.3 (36.4m)	59.6 (18.2m)
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 8.5W			
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	Ø 4.4 x 3.9 in (Ø111.6 x 99.6mm)			
Weight ( net )	Approx. 1.5 lb (0.66KG)			
Installation	Ceiling mounting; wall mounting			
Certificate	CE, FCC			
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)			

