



PAR-P4TXIR2812NH-AI2WAY

4 Megapixel IP Plug & Play, Outdoor Turret, Motorized Auto-Focus Lens, IR Range up to 164', WDR, Red/Blue Flashing Deterrent Light and/or Siren, Built-in Mic/Speaker, SD Card Slot, 12VDC/PoE

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- Red and Blue Flashing Deterrent Light: AI Triggered
- 4 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 Compression
- 30 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 256GB
- Audio Input: Built-in Mic
- Audio Output: Built-in Speaker
- IP66 Weather 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
- NDAA Compliant

Camera	PAR-P4TXIR2812NH-AI2WAY
Image Sensor	1 / 3" CMOS
Image Size	2592 x 1520
Electronic Shutter	1 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.005 lux@F1.6,AGC ON; 0 lux with IR
Lens	2.8 ~ 12mm@F1.4, motorized
Field of View	Horizontal: 94.2° ~ 29.8°; Vertical: 62.4° ~ 17°; Diagonal: 102° ~ 33.9
Lens Mount	Ø14
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0° ~ 360°; Tilt: 0° ~ 75°; Rotation: 0° ~ 360°
Image	
Video Compression	H.265+ / H.265 / 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/480x240 (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, Hue, Contrast, Wide Dynamic, 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; 1CH built-in speaker; 1CH built-in MIC
Alarm	1CH alarm input; 1CH alarm output
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Audio Sensitivity	-36db
Functions	
Remote Monitoring	Web Client/ NVR/ Paramount CMS AI TSS/ Paramount 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 S
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
PoE	Yes , IEEE802.3af
IR Distance	164 ft (30~50 m)
Protection Grade	IP66
Intelligent Analytics	
Video Abnormality	Scene change detection, video blur detection, video cast detection
Perimeter Detection	Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification)
Sound & Light Warning	Yes
Others	
Power Supply	DC12V/PoE
Power Consumption	< 12.5W
Operating Environment	-22°F ~ 140°F (- 30 °C ~ 60 °C) Humidity: less than 95 % (non-condensing)
Dimensions	Ø 4.4 x 3.9 in (111.5 x 99.6 mm)
Weight (net)	Approx. 1 lb (.64KG)
Installation	Ceiling mounting; Wall mounting

Ordering Information

PAR-P4TXIR2812NH-AI2WAY: 4 Megapixel Turret, 2.8-12mm