



PAR-P5TXIRA2812NH-AI

5 Megapixel IP Plug & Play Outdoor Turret 2.8-12mm
Motorized Auto-Focus, 164' IR Range, 12VDC/PoE, SD Card Slot

Features

- 5 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 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
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS)
- Free MAC Client

Ordering Information

PAR-P5TXIRA2812NH-AI: 5 Megapixel Motorized Auto-Focus, 2.8-12mm

Specifications	
Camera	
Image Sensor	1 / 2.7" CMOS
Image Size	2592 x 1944
Electronic Shutter	1s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.007 lux@F1.2, AGC ON; 0 lux with IR 0.01 lux@F1.4, AGC ON; 0 lux with IR
Lens	2.8~ 12mm@F1.4, motorized
Field of View	Horizontal: 95.1°~ 30°; Vertical: 78.7°~ 22.8°; Diagonal: 107.6°~ 37.1°
Lens Mount	Ø14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~80°; 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	5MP (2592x1944), 4MP (2592x1520), 2K (2560x1440), 3MP(2304x 1296), 1080P (1920x1080), 720P (1280x720), D1, CIF, 480x240
Main Stream	5MP/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; 1 CH built-in MIC
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes
Alarm	No
Intelligent Analytics (Smart Events)	
Perimeter Protection	Line crossing, 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
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, RTP, RTCP, ICMP, IGMP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, image distortion correction
PoE	Yes, IEEE802.3af
IR Distance	164 ft (30 ~ 50 m)
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 9W
Operating Environment	-22°F~140°F (-30 °C ~ 60 °C) Humidity: less than 95 % (non-condensing)
Dimensions	Ø 4.39 x 3.92 in (111.5 x 99.6 mm)
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)