



PAR-P8TXIR28NH-AIWL

8 Megapixel IP Plug & Play, Outdoor Turret, 2.8 mm Fixed Lens, IR Range up to 131', White Light up to 98', 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/Blue Flashing Deterrent Light and/or Siren: Ai Triggered
- White Light for Color at Night: Ai Triggered
- 8 Megapixel Resolution
- Fixed Lens
- True Day/Night with IR Range up to 131'
- White Light up to 98'
- H.265+, H.265, H.264+, H.264 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
- Audio Output: Built-in Speaker
- IP66 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 / 1.8" CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 2s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.008Lux@F1.6, AGC ON, 0 lux with IR, 0 lux with LED
Lens	2.8 mm@F1.6, H.FoV:109°; V.FoV:57°; D.FoV:132°
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	2D/3D DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~75°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/Third stream: H.265+ / H.265 / 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, VGA(640×480), CIF, 480 × 240

Ordering Information

PAR-P8TXIR28NH-AIWL: 8 Megapixel Turret, 2.8mm Lens

Main Stream	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)										
Sub Stream	1080P/720P/D1/VGA/CIF (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)										
Third Stream	D1/VGA/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, 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 10M/100M self-adaptive Ethernet port										
Video Output	No										
Audio	1CH audio input; 1CH audio output; 1CH built-in microphone										
Built-in Speaker	Yes										
Built-in Speaker Info	Power/output: 1W dB: ≥90dB Frequency: 100-4KHz										
Alarm	1CH alarm input; 1CH alarm output										
Storage	Built-in micro SD card slot; up to 256GB										
Reset	Yes										
Functions											
Remote Monitoring	Web Client/NVR/Paramont CMS 2.0/ Paramont CMS Mobile APP										
Web Browser	IE11(plug-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, HTTP POST, 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 range: 98'										
Protection Grade	IP66										
Intelligent Analytics											
Video Abnormality	Scene change detection, video blur detection, abnormal color detection										
Perimeter Detection	Line crossing detection (human/vehicle classification); Region intrusion/entrance/exiting detection (human/vehicle classification)										
Sound&Light Warning	Yes										
Other Events	Face detection and face capture, abandoned/missing object detection; heat map; target counting by line/area										
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect(ft)</th> <th>Observe(ft)</th> <th>Recognize(ft)</th> <th>Identify(ft)</th> </tr> </thead> <tbody> <tr> <td>2.8mm</td> <td>262(80m)</td> <td>105(32m)</td> <td>52(16m)</td> <td>26(8m)</td> </tr> </tbody> </table>	Lens	Detect(ft)	Observe(ft)	Recognize(ft)	Identify(ft)	2.8mm	262(80m)	105(32m)	52(16m)	26(8m)
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2.8mm	262(80m)	105(32m)	52(16m)	26(8m)							
Others											
Power Supply	DC12V/PoE										
Power Consumption	< 12.5W										
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 (111.5 × 99.6 mm)										
Weight (net)	Approx. 1.4 lbs (0.64KG)										
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)										

