

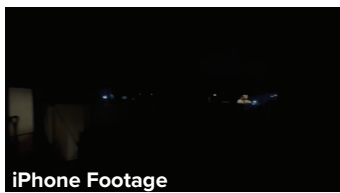


PAR-P8TXIRL28NH-AI

8 Megapixel IP Plug & Play Outdoor Turret, 24/7 Full-Color Day AND Night, True AI, Fixed lens, Audio Input: Built-in Mic, Audio Output, SD Card Slot, 12VDC/PoE, Superior Starlight

Features

- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- 24/7 Full-Color Day & Night with InVid Tech Illuminate, 0.0005 Lux
- True P2P Connectivity with QR Code Connect NAT 2.0
- 8 Megapixel Resolution
- Supports 2nd Level Video Meta Data
- Cloud Upgradeable
- H.265+ / H.265 / H.264+ / H.264
- 30 FPS Recording and Live
- SD Slot For Local Storage: Up to 1 TB
- Audio Input: Built-in Mic
- Audio Output
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDA Compliant



Here is an example of some real camera footage from the InVid Tech Illuminate Series. You can find a video of this on our website. This is real footage with very minimal light. Notice all the colors! The iPhone footage shows how dark the area was. And you can see the difference of a standard IR camera vs InVid Tech Illuminate!

Camera	PAR-P8TXIRL28NH-AI
Image Sensor	1 / 1.8 "CMOS
Image Size	3840× 2160
Electronic Shutter	Auto or manual mode; manual mode: 1 / 3s ~ 1 / 100000 s
Iris Type	Fixed Iris
Min. Illumination	0.0005 lux @F1.0, AGC ON; 0 lux with illumination on
S/N Ratio	≥50dB
Lens	2.8 mm@F1.0, H.FoV: 110°; V.FoV:59°; D.FoV:129°
Focus	Fixed
Lens Mount	M12
WDR	True 120dB (v5.3.2 and above)
BLC	Yes

Ordering Information

PAR-P8TXIRL28NH-AI: 8 Megapixel Turret, 2.8mm, White

PAR-P8TXIRL28BNH-AI: 8 Megapixel Turret, 2.8mm, Black

HLC	Yes										
Defog	Yes										
Digital NR	3D DNR										
EIS	Yes										
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°										
Image											
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream/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 (3200×1800),4MP (2688×1520),2K (2560×1440), 1080P (1920×1080), 720P (1280×720) , D1, VGA (640 ×480), 640 ×360, CIF, 480×240										
Main Stream	8MP/6MP/4MP/2K/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)										
Sub Stream	1080P(1~15fps)/720P/D1/640 ×360 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)										
Third Stream	720P/D1/640 ×360/VGA/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)										
Bit Rate	32 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										
Video Output	No										
Audio	1CH audio input; 1CH audio output; 1CH built-in microphone										
Storage	Built-in micro SD card slot; up to 1 TB										
Reset	Yes										
Alarm	1CH alarm input; 1CH alarm output										
Intelligent Analytics											
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/ missing object detection, loitering detection, illegal parking detection										
Statistics	Target counting by line/area, heat map										
Exception Detection	Scene change, video blur and abnormal color detection										
Face Detection	Face detection, face capture and face comparison										
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature										
DORI Distance											
DORI Distance	<table><tr><td>Lens</td><td>Detect (ft)</td><td>Observe (ft)</td><td>Recognize (ft)</td><td>Identify (ft)</td></tr><tr><td>2.8mm</td><td>249 (76m)</td><td>98 (30m)</td><td>49 (15m)</td><td>23 (7m)</td></tr></table>	Lens	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)	2.8mm	249 (76m)	98 (30m)	49 (15m)	23 (7m)
Lens	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)							
2.8mm	249 (76m)	98 (30m)	49 (15m)	23 (7m)							
Functions											
Remote Monitoring	IE browser/ Paramont NVR / Paramont CMS AI / Paramont CMS APP										
Web Browser	Chrome 92.0+/Edge 92.0+/Firefox 91.0+/Safari 13.1+										
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, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, P2P, QoS										
Interface Protocol	ONVIF (Profile G/S/T/M)										
API & SDK	Yes										
Storage	Network remote storage; micro SD card storage										
Smart Alarm	Motion detection, SMD, SD card error, SD card full, IP address conflict, Network disconnection, sensor alarm, audio alarm										
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming										
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and token authentication for HTTP/RTSP										
PoE	Yes , IEEE802.3af										
White Light Range	98' (30 m)										
Ingress Protection	IP 67										
Others											
Power Supply	DC12V/PoE										
Power Consumption	< 7.5W										
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	4.4 x 3.69 in (Φ 111.6 × 99.6mm)										
Weight (net)	Approx. 1.4 lbs (0.623KG)										
Installation	Ceiling mounting; Wall mounting										
Certificate	CE, FCC										
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)										

