InVid Tech
Innovative Video Technology



PAR-P8TXIRL28LC-AI

8 Megapixel IP Plug & Play, Outdoor Turret, 24/7 Full-Color Day AND Night, True AI, Fixed 2.8mm Lens, Built-in Mic, SD Card Slot, 12VDC/PoE

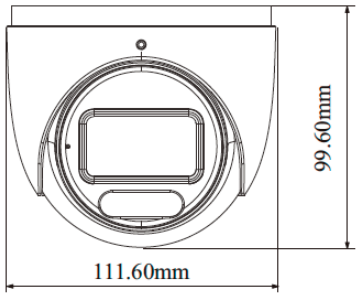
KEY FEATURES

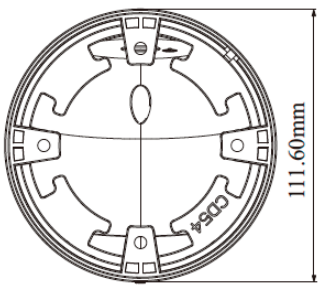
- True AI Human & Vehicle Classification for Line Crossing, Intrusion Detection, & Other AI Features
- Full Color 24/7 — InVid Illuminate™ Captures vivid color in near-total darkness — no lights needed. Includes 98' white light, off by default, available for specialized use

CORE FEATURES

- 8 Megapixel / 4K
- Fixed 2.8mm
- Cloud Upgradeable
- True P2P Connectivity with QR Code Connect NAT 2.0
- Micro SD Slot: Up to 1 TB
- 30 FPS Recording and Live
- Built-in Mic
- IP67 Weatherproof
- ONVIF
- Supports Native Chrome/Edge Use
- 12VDC/PoE Operation
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Model	PAR-P8TXIRL28LC-AI
Camera	
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	2.8mm@F1.0, H.FoV: 110°,V.FoV:59°;D.FoV:129°
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
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(1~20fps)/6MP/4MP/2K/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	1080P/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 built-in microphone
Storage	Built-in micro SD card slot; up to 1 TB
Reset	Yes
Alarm	No
Intelligent Analytics	
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), abandoned/ missing object detection
Statistics	Target counting by line
Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Face Detection	Face detection, face capture
DORI Distance	
Lens	Detect / Observe / Recognize / Identify
2.8mm	249 ft (76 m) / 98 ft (30 m) / 49 ft (15 m) / 23 ft (7 m)
Functions	
Remote Monitoring	Web Browser, NVR, Paramont CMS, 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 6 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 (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
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	65.6 ft ~ 98.4 ft (20 m ~ 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	Φ4.4 in × 3.9 in (Φ111.6 mm × 99.6 mm)
Weight (net)	Approx. 1.4 lb (0.625 kg)
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)





Ordering Information

PAR-P8TXIRL28LC-AI: 8 Megapixel Turret, 2.8mm

InVid Tech, reserves the right to make changes to improve our products at any time without notice; we are not responsible for misprints.

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