



PAR-P4FACETXIRA2812G1

4 Megapixel IP Plug & Play, Outdoor Turret 2.8-12mm Motorized Auto-Focus, Facial Recognition Capable, Full Color 24/7, Built-in Mic with External Audio Input & Output, SD Card Slot, 12VDC/PoE

Key Features

- Facial Recognition Capable
- Full Color 24/7 — Captures vivid color in near-total darkness. Includes 98' white light, off by default, available for specialized use.

Core Features

- 4 Megapixel
- Motorized Auto-Focus 2.8-12mm
- Cloud Upgradeable
- True P2P Connectivity with QR Code Connect NAT 2.0
- Micro SD Slot: Up to 1TB
- 30 FPS Recording and Live
- Built-in Mic with External Audio Input & Output
- 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-P4FACETXIRA2812G1
Camera	
Image Sensor	1 / 1.79 "CMOS
Image Size	2688 × 1520
Electronic Shutter	Auto or manual mode; manual mode: 1 / 3s ~ 1 / 100000 s
Iris Type	P-Iris
Min. Illumination	0.0001 lux @F1.0, AGC ON; 0 lux with illumination on
S/N Ratio	≥50dB
Lens	2.8~12 mm@F1.0
Field of View	Horizontal: 104°~57°; Vertical: 54°~34°; Diagonal: 125°~67°
Focus	Motorized
Lens Mount	Integrated
Wide Dynamic Range	Digital WDR
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	4MP (2688×1520), 2K (2560×1440), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240
Main Stream	4MP/2K/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)

Ordering Information

PAR-P4FACETXIRA2812G1: 4 Megapixel Turret, 2.8-12mm Lens

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 ~8 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 10/100M Base-T
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	
Lens	Detect Observe Recognize Identify
2.8~12mm(W)	196ft (60m) 78ft (24m) 39ft (12m) 20ft (6m)
2.8~12mm(T)	326ft (99m) 130ft (40m) 65ft (20m) 33ft (10m)
Functions	
Remote Monitoring	Web Client/NVR/Paramont CMS 2.0/ Paramont CMS Mobile 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' (30m)
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	DC12V: < 9W; PoE: <11W
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 (111.6 × 99.6mm)
Weight (net)	Approx. 1.5 lbs (0.688KG)
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)

