



PAR-P6BIRA2812NH-AI

6 Megapixel IP Plug & Play, Outdoor Bullet 2.8-12mm Auto-Focus Motorized, Up to 164' IR Range, Audio Input: Built-in Mic, SD Card Slot, 12VDC/PoE

Features

- True AI Human and Vehicle Classification for Line Crossing and Intrusion Detection
- 6 Megapixel Resolution
- Motorized Auto-Focus 2.8-12mm Lens
- True P2P Connectivity with QR Code Connect NAT 2.0
- 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 for Local Storage, up to 256 GB
- Audio Input: Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Supports Native Chrome/EDGE Use
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

Model	PAR-P6BIRA2812NH-AI
Camera	
Image Sensor	1 / 2.5 "CMOS
Image Size	3296 × 1856
Electronic Shutter	1 / 4 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	0.008 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8~12mm@F1.6, H.FoV: 108°~36°; V.Fov: 57°~20°; D.FoV: 129°~42°
Focus	Motorized
Lens Mount	Φ14
Day & Night	ICR
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	≥50dB
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°
Image	
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile

Ordering Information

PAR-P6BIRA2812NH-AI: 6 Megapixel Bullet, 2.8-12mm

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

Resolution	6MP (3296×1856), 6MP (3200×1800), 5MP (2880×1624), 4MP (2688×1520), 1080P (1920×1080), 720P (1280×720), D1, VGA(640×480), CIF, 480×240			
Main Stream	6MP/5MP/4MP/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Sub Stream	720P/D1/VGA/CIF/480×240(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Third Stream	D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Bit Rate	64 Kbps ~ 10 Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, 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; 1 CH built-in MIC			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	1CH alarm input; 1CH alarm output			
Intelligent Analytics (Smart Events)				
Smart Event	Line crossing, region intrusion/entrance/exiting, loitering detection, illegal parking detection, abandoned/ missing object detection			
Statistics	Target counting by line/area, heat map			
Exception Detection	Scene change, video blur and abnormal color detection, audio exception			
Face Detection	Face detection and face capture			
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature			
DORI Distance				
Lens	Detect (ft)	Observe (ft)	Recognize (ft)	Identify (ft)
2.8~12mm(W)	218 (66m)	87 (27m)	44 (13m)	23 (7m)
2.8~12mm(T)	669 (204m)	269 (82m)	135 (41m)	66 (20m)
Functions				
Remote Monitoring	Web Browser/InVid CMS/NVR/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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, 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, SD card error, SD card full, IP address conflict, Network disconnected, sensor alarm			
General Function	Watermark, video mask, heartbeat, image distortion correction, system config backup, corridor pattern			
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP			
PoE	Yes, IEEE802.3af			
IR Distance	Up to 164' (30 ~50 m)			
Ingress Protection	IP 67			
Others				
Power Supply	DC12V/PoE			
Power Consumption	< 10.5W			
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	8.6 x 3.17 x 3.16 in (217.8 x 80.5 x 80.3mm)			
Weight (net)	Approx. 1.53lbs (0.696KG)			
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)			

