

IP Single Lens Rolling Shutter LPR AI-Ready Camera



Model: GPAL-080ROGN, GPAL-120ROGN
GPAL-160ROGN, GPAL-250ROGN

Enable your proprietary AI-driven recognition software on the AI-Ready camera.

Law enforcement, parking and other authorities can save time and resources by quickly reviewing and closing investigations with accuracy and flexibility with the AI-driven recognition software.

Power IR LEDs for optimized IR illumination performance to detect reflective and non-reflective license plates. Rugged and compact outdoor housing is nitrogen-filled and IP68 rated to withstand the harshest environments.

With the highest sensitivity sensor, it is especially superior in low light condition. It also delivers high quality video image at 60fps@2M(1920x1080) in progressive mode.

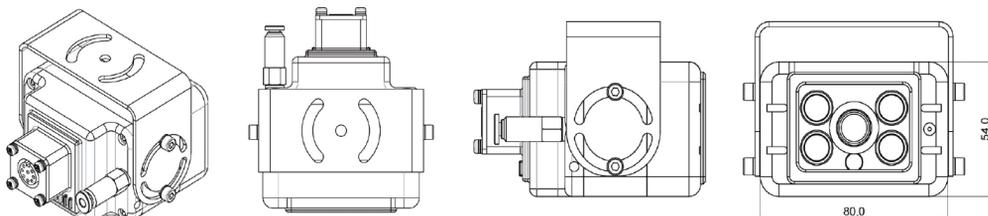
Key Features

- 64bit Quad Core RISC CPU
- 1.2Tops NPU (AI)
- Up to 60FPS@2M (1920x1080)
- 1/2.8" SONY IMX307 Rolling Shutter CMOS Sensor
- Quadruple Streaming - H.265, H.264, M-JPEG, JPEG
- ONVIF Profile S
- Individual Day & Night camera setting
- Support PoE
- IP 68 rated
- Nitrogen filled-in

Application



Dimension



Specification

CAMERA	
SoC	EN675
Image Sensor	2.13MP 1/2.8" SONY IMX307 Rolling Shutter CMOS
Lens	2.8mm, 4mm, 8mm, 12mm, 16mm or 25mm
Image Sensor	2.13MP 1/2.8" SONY IMX307 Rolling Shutter CMOS
Number of Effective Pixels	2.13MP effective pixels
Min. Illumination	0.01 Lux
Video Compression	H.265, H.264, Motion JPEG, JPEG
Video Resolution	1920x1080, 1280x1024, 1280x720, 704x480, 640x480, 320x240
Max Frame rate	60FPS, 50FPS@2M
Video Streaming	Motion JPEG and H.264/265 Triple Streaming (Simultaneously) Additional JPEG streaming (total quadruple streaming) Independently Controllable frame rate and bandwidth
Time Stamp	Supported (Date/Time Only) in primary stream
Simultaneous clients	Live-cast for up to 16 clients
Video Analytics	Intrusion Detection, Line Crossing, Object Counting, Object Tracking, Tampering, General Detection, Abnormal Detection
AI	Object Detection (Humans/Vehicles/Bicycles etc.), Face Detection
Noise Reduction	2DNR, 3DNR
NETWORK	
LAN interface	10/100BaseT Ethernet auto sensing
Supported protocols	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPnP & etc
ONVIF	Profile S
Web browsing	Video access from Web browser
OPERATION ENVIRONMENTS	
Operating Humidity	0~80% (non-condensing)
Operating Temperature	-20°C~ + 70°C
Power	IEEE 802.3af, PoE, 48VDC (MAX 57VDC)
Power Consumption	Max 550mA