

IP Single Lens Global Shutter LPR AI-Ready Camera



Model: GPAL-120GLGN, GPAL-160ALGN, GPAL-250GLGN

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.

The Global Shutter captures the highest quality images without distortion.

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.

Power-over Ethernet (POE) connectivity using OnVif for a simple and effective connection.

Key Features

- 64bit Quad Core RISC CPU
- 1.2Tops NPU (AI)
- 5.10MP 1/1.8" Global Shutter CMOS
- Max. 30FPS@5M (2448x2048), 60FPS@3M (2048x1536)
- Quadruple Streaming (H.265, H.264, M-JPEG, JPEG)
- ONVIF (Profile S) standard
- 855nm 4 Power IR LEDs
- IP68 rated, Nitrogen-filled
- Rugged and Compact size
- Individual Day & Night camera setting

Applications



Specifications

CAMERA	
SoC	EN675
Image Sensor	5.10MP 1/1.8" SONY IMX567 Global Shutter CMOS
Lens	12mm, 16mm or 25mm Fixed Lens
Streaming	Quadruple Streaming (H.265, H.264, M-JPEG, JPEG)
Resolution	2448x2048, 2048x1536, 1920x1080, 1280x1024, 1280x720, 704x480, 640x480
Max. Frame Rate	30FPS@5M(2448x2048), 60FPS@3M (2048x1536)
Bit Rate Control	VBR, CBR (H.264/H.265, 2K~10Mbps), CVBR
Buffer	Up to 5.6M Memory for Pre/Post Alarm Buffer
Privacy Masking	8 Privacy Zones
Motion Detection	Up to 4 Zones, Motion Sensitivity
Day & Night	TDN (Auto, Color, B&W, Extern)
White Balance	Auto, Preset, Manual
Image	Sharpness, Gamma, Contrast, D-WDR, Defog
ROI	Up to 8 Zones
Auto Gain Control	Level 1~500
Shutter Speed	Auto, Manual, Flicker (1/30 ~ 1/30000)
Sense-up	Off, x2, x4, x8, x16, x32
Video Rotation	Flip, Mirror
Video Analytics	Intrusion Detection, Line Crossing, Object Counting, Object Tracking, Tampering, General Detection, Abnormal Detection

NETWORK	
LAN	10/100-base-T (auto sensing)
Protocol	HTTP/HTTPS, RTP/RTSP(Uni/Multicast), TCP/IP (v4/v6), UDP, FTP, Telnet, RARP, SNMP (option), DHCP, NTP, SMTP Client, uPnP & etc
Standard	ONVIF (Profile S)
Viewer	Multi Web Browsers, VLC
OPERATION ENVIRONMENT	
Operating Humidity	0~80% (non-condensing)
Operating Temperature	-20°C~+70°C
Power	IEEE 802.3af, PoE, 48VDC (MAX 57VDC)
Power Consumption	Max 550mA

Dimensions

