Motorized Lens Global Shutter LPR AI-Ready Camera

Model: GPAL-1240MGL

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.
GPAL-1240MGL is Outdoor IR All-in-one Motorized Camera which is equipped with 5MP Global Shutter CMOS image Sensor. With the highest sensitivity sensor, it is especially superior in low light condition. As it supports simultaneous H.265, H.264 and MJPEG Video Compression, less network bandwidth and storage space required. It also delivers high quality video image at 30 fps @ 5MP (2448x2048) in progressive mode.

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 16 Power IR LEDs
- IP68 rated, Nitrogen-filled
- Rugged and Compact size
- Individual Day & Night camera setting
- 12~40mm Motorized Auto-Focus IR correction Lens

Applications

Specifications

CAMERA

SoC	EN675
Image Sensor	5.10MP 1/1.8" SONY IMX567 Global Shutter CMOS
Lens	12 ~ 40mm Motorized Auto-Focus 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℃~+70℃
Power	IEEE 802.3af, PoE, 48VDC (MAX 57VDC)
Power Consumption	Max 1A

Dimensions

52.00

103.90

166.00