

3MP Global + 2MP Rolling Dual Motorized Lens IP Camera

GPAL-0550DM-3G2R

3MP Global Shutter for LPR / 2MP Rolling Shutter for Overview / IP68

The IP Dual Motorized Lens LPR camera assists law enforcement, parking and other authorities to track and capture license plates. Color and B/W sensors, IR illuminators built into a rugged and compact housing. Rated IP68 and nitrogen-filled to operate and withstand the harshest conditions

IP-based using OnVIF for effective interoperability. Power-over Ethernet (POE+) interface allows a single wire connection for both data Transfer and power transmission.

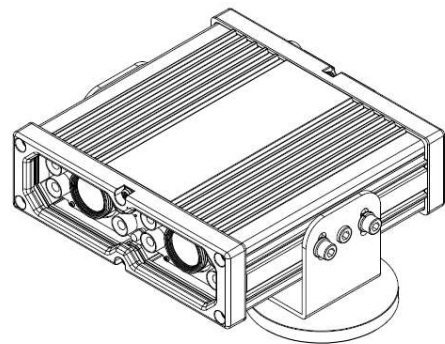
3MP Global Shutter supports to capture the number plate without distortion while high speed.

Key Features

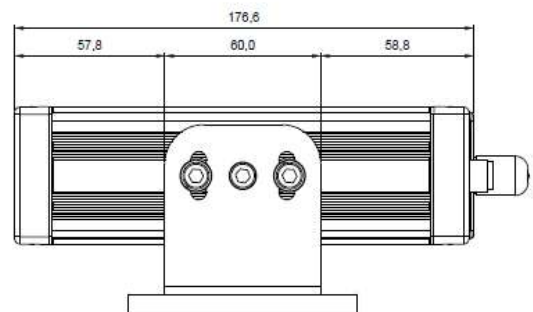
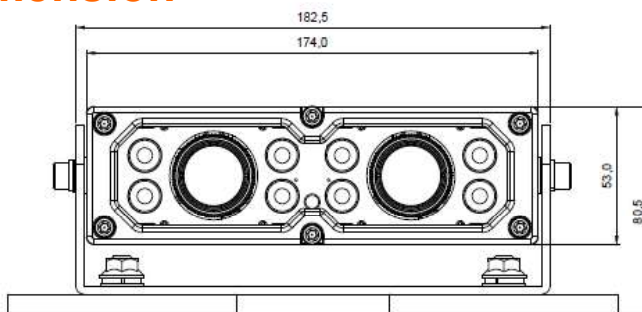
- 1/3.1" 3.2MP Global Shutter CMOS, 5mm ~ 50mm Motorized Lens for BW
- 1/2.8" 2MP Rolling Shutter CMOS, 5mm ~ 50mm Motorized Lens for Color
- Max. 60FPS@3M (1920x1440) for BW & 60fps@1920x1080 for color
- Individual shutter speed and AEW setting for Day mode and Night mode
- 1.2TOPs NPU Built-In
- Quadruple Streaming (H.265, H.264, M-JPEG or JPEG)
- ONVIF (Profile S) standard
- IP 68 rated, Nitrogen filled-in
- 855nm 8 Power IR LED
- PoE + (IEEE 802.3at)
- M12 A-Code 8PIN Male Connector
- ** Magnet mounting bracket is optional

Application

- Police Car, Mobile LPR System
- Repo Car, Parking Enforcement



Dimension



Specification

Item	LPR Camera (B/W)	Overview camera (Color)
CAMERA		
Image Sensor	1/3.1" Sony 3MP Global Shutter CMOS, (IMX900)	1/2.8" Sony 2MP CMOS Sensor (IMX307)
Number of Effective Pixels	2064(H) x 1554(V) approx. 3.18 M pixels	1920(H) x 1080(V) approx. 2.14 M pixels
Streaming	Quadruple Streaming (H.265, H.264, M-JPEG, JPEG)	Quadruple streaming (H.265, H.264, M-JPEG, JPEG)
Lens / FOV	5mm ~ 50mm Motorized Lens	
IR LED	8pcs 855nm IR LEDs	
Compression	H.265, H.264, M-JPEG, JPEG	
Resolution	Up to 60 FPS @ 1920x1440, 1920x1080, 1280x1024, 1280x720, 720x480, 704x480, 640x480, 640x352, 320x240	Up to 60 FPS @ 1920x1080, 1280x1024, 1280x720, 704x480, 640x480, 320x240
Frequency Control	60hz, 50hz	
Privacy Masking	8 privacy zone	
Motion Detection	Up to 4 area	
Day & Night	TDN (Auto, Color, B&W, Extern)	
White Balance	Auto, Manual	
Image Adjustment	Hue, Saturation, Brightness, Contrast	
Shutter Speed	Auto, Manual, Flicker (1/30 ~ 1/30000)	Auto, Flicker, Manual(1/30~1/30000),
AI function	Object Detection (Humans/Vehicles/Bicycles etc.), Face Detection	
NETWORK		
LAN	Camera 10/100-base-T / output Gigabit	
Protocol	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPnP & etc	
Standard	ONVIF (Profile S)	
Bit rate control	ACBR/AVBR/CBR/VBR	CVBR, CBR, VBR
Security	IP Filtering, HTTPS, Encrypted & Basic Authentication	
OPERATION ENVIRONMENT		
Case	Aluminum	
Ingress Protection Degree	IP 68 rated, Nitrogen filled-in	
Operating Humidity	0~80% (non-condensing)	
Operating Temperature	-20℃~+70℃	
Power input	PoE + (IEEE 802.3at)	
Power Consumption	Average 10W for operation / Initial booting up to 21W	
Dimension	174.5mm(W) x 176.6mm(D) x 53mm(H), Only body	