

# Motorized Lens

## Global Shutter IP LPR Camera



## Application

Parking Lot Gate / Police Car / Speed Violation / Parking Enforcement

**IP / Motorized Lens / Global Shutter / Outdoor / IP68 / 3.1MP**

GPCL-1240MA4GN is Outdoor IR All-in-one Motorized Camera which is equipped with 3.19MP 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 @ 3MP (2048x1536) in progressive mode.

## Key Features

- Ambarella platform
- 1/1.8" 3.19MP Sony IMX265 Global Shutter CMOS sensor
- Strobe driven power LED (16EA)
- 12~40mm Motorized Auto-Focus IR correction Lens
- Triple Stream (H.265, H.264, M-JPEG/JPEG)
- Max. 30fps @ 3MP (2048x1536)
- Night Color level adjustment (B/W & 5 steps)
- Shutter limit (Min./Max.) setting
  - Good for the better night time moving object image
  - To avoid saturation under strong back light or IR reflection
- OnVIF (Profile S) standard
- IP68 Grade Waterproof , Nitrogen filled In

# Specification

<b>CAMERA</b>	
<b>System</b>	Ambarella 32bit Embedded Linux 256Mbyte SDRAM, 128Mbyte NAND Flash
<b>Image Sensor</b>	1/1.8" 3.19MP Sony IMX265 Global Shutter CMOS
<b>Lens</b>	12 ~ 40mm Motorized Auto-Focus Lens
<b>Number of Effective Pixels</b>	2064(H) x 1554(V) approx. 3.18 M pixels
<b>Video Streaming</b>	Triple Streaming, selectable : H.265/H.264/MJPEG, Frame rate, Bitrate, ACBR/AVBR/VBR/CBR, GOP
<b>Compression</b>	H.265, H.264, M-JPEG
<b>Resolution</b>	30fps @ 2048x1536, 1920x1080, 1280x1024, 1280x720
<b>Max. Frame Rate</b>	30fps, 25fps
<b>Smart Video</b>	ROI (Region of Interest)
<b>Frequency Control</b>	60hz, 50hz
<b>Independent Image Mode</b>	Default / Night / DI / Motion independent mode set
<b>Motion Detection</b>	On (144 block selection), Off
<b>Day &amp; Night Control</b>	Color, B&W, Auto(Night B/W, Night color 5steps)
<b>White Balance</b>	Auto / 10 customized mode
<b>Image Filter</b>	Brightness / Contrast / Hue / Saturation / Sharpness
<b>DNR</b>	DNR 0 ~ 11
<b>WDR Weight</b>	Low / Middle / High
<b>Manual Shutter Control</b>	1/30 ~ 1/32,000 Min/Max setting
<b>Sense Up Level</b>	OFF / 1 / 2 three steps
<b>Image Direction</b>	Vertical Flip / Horizontal Flip / Corridor Mode
<b>NETWORK</b>	
<b>Interface</b>	RJ45 Ethernet 10/100Mbps
<b>Supported Protocols</b>	HTTP, RTP/RTSP(Uni/Multicast), TCP/IP(v4/v6), UDP, FTP, Telnet, HTTPS, RARP, PPPoE, SNMP, PAP, CHAP, DHCP, NTP, SMTP client, uPnP & etc
<b>Programing Interface</b>	ONVIF (Profile S)
<b>Viewer</b>	Browsers (Chrome, Edge, etc.), VLC...
<b>Security</b>	IP Filtering, HTTPS, Encrypted & Basic Authentication, Management White List
<b>OPERATION ENVIRONMENTS</b>	
<b>Operating Humidity</b>	0~80% (non-condensing)
<b>Operating Temperature</b>	-30°C~+70°C
<b>Case</b>	Metal (AL)
<b>IR Led</b>	16 ea
<b>IR Led strobe out (External)</b>	Optional [Active High (TTL 3.3V)]
<b>Power</b>	IEEE 802.3af, PoE, 48VDC (MAX 57VDC)
<b>Dimension</b>	166mm(W) x 103.9mm(D) x 52mm(H)

## Dimension (mm)

