

## GV-IP LPR Camera 5R 1.3 MP B/W Network Camera

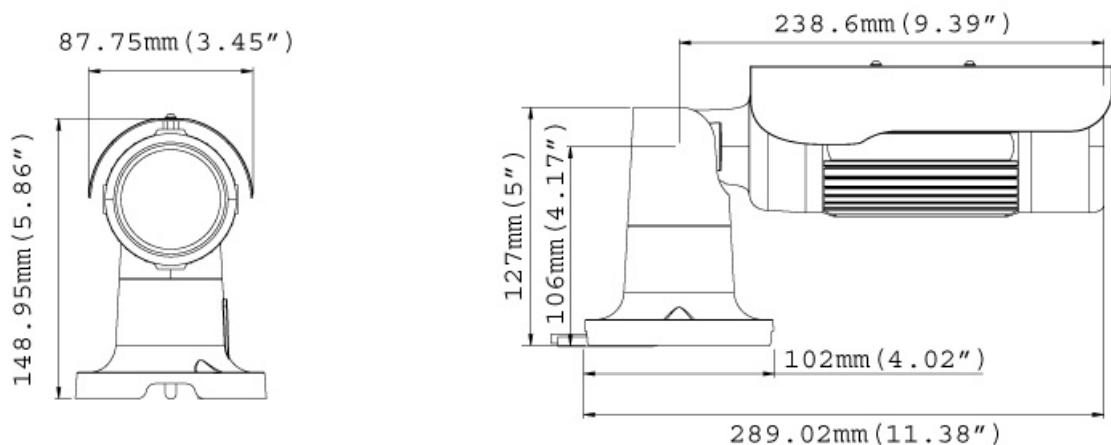



- 1.3 megapixel B/W progressive scan CMOS
- Motorized varifocal lens for remote focus / zoom adjustment
- Dual streams from MJPEG or H.264
- Up to 30 fps at 1280 x 1024
- Recognition for reflective License Plate only
- Maximum Speed 60 km/h (37 mph)
- Ingress protection (IP67)
- Vandal Resistance (IK10 for metal casing)
- Maximum IR distance 5 M (16.4 ft)
- Built-in 12 IR LEDs
- Built-in fan
- Defog
- Motion detection
- Privacy mask
- Text Overlay
- IP address filtering
- Power supplied through PoE (PoE+, IEEE 802.3 at)
- Support for iPhone, iPad, Android and 3GPP
- ONVIF (Profile S) conformant
- 31 languages on Web interface







### INTRODUCTION

Ideal for parking lot installation, the GV-IP LPR Camera 5R is a 1.3 MP B/W network camera designed for recognition of reflective license plates on vehicles traveling at 60 km/hr (37 mph) or less. With its multiple LEDs and intelligent IR, the camera is able to automatically adjust its shutter speed to the scene and produce clear license plate capture under low-light conditions. The motorized varifocal lens take the advantage of its motorized focus / zoom in that the user can remotely adjust the focus and zoom through the Web interface. It is weather proof (IP67) and also able to work in environments with temperatures ranging from -20°C (-4°F) to 50°C (122°F).

### DIMENSIONS



Comparison with other Outdoor GV-IP Cameras

	Headlight Turned On	High Beam Turned On
GV-IP LPR Cam 5R		
GV-BL1500 Super Low Lux Bullet IP Cam		
GV-BL2400 WDR Pro Bullet IP Cam		

**Note:** The test results are based on the night scene. All cameras are installed at the distance of 10 m (32.81 ft) from the vehicle, with the resolution set as 1.3 MP and the shutter speed set as 1/2000 sec.

## SPECIFICATIONS

Camera		
Image Sensor	1/3" progressive scan CMOS	
Picture Elements	1280 (H) x 1024 (V)	
Shutter Speed	Automatic, Manual (1/500 ~ 1/8000 sec)	
White Balance	Automatic, Manual (2800K ~ 8500K)	
S/N Ratio	50 dB	
Max. Speed	60 km/h (37 mph)	
Lens		
Megapixel	Yes	
Lens Type	Motorized varifocal lens	
Focal Length	3~ 9 mm	
Maximum Aperture	F/1.2	
Mount	Ø14 mm	
Image Format	1/2.7"	
Operation	Focus	Auto Focus
	Zoom	3X Optical Zoom
	Iris	DC drive
IR Led Quantity	12	
IR Distance	5m (16.4 ft.)	
Operation		
Video Compression	H.264, MJPEG	
Video Stream	Stream 1 from H.264 and MJPEG Stream 2 from H.264 and MJPEG	
Frame Rate	30 fps at 1280 x 1024 (60/50 Hz) * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes)	
Image Setting	Brightness, Contrast, Sharpness, Gamma, Image Orientation, Shutter Speed, Defog, Zoom, Focus Change	
Audio Compression	N/A	
Two-way Audio	N/A	
Sensor Input	N/A	
Alarm Output	N/A	
Video Resolution		
Main Stream	4:3	1280 x 960, 640 x 480, 320 x 240
	16:9	1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024 (Default), 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256 (Default)
TV-Out	N/A	
Network		
Interface	10/100 Base-T Ethernet, RJ-45 connector	
Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF (Profile S)	
Mechanical		
Temperature Detector	Yes	
Camera Adjustment	Pan	0° ~ 360°
	Pan	90° ~ 180°
	Rotate	0° ~ 360°
Connectors	Power	PoE
	Ethernet	RJ-45
	Audio	N/A
	Digital I/O	N/A
LED Indicator	No	

General		
Environment Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	
Humidity	10% to 90% (no condensing)	
Power Source	PoE (IEEE802.3at)	
Max. Power Consumption	16.6 W	
Dimension (L X W X H)	Camera Body	289.02 x 87.75 x 148.95 mm (11.4" x 3.45" x 5.86")
	Cable Length	1 m (3.28 ft.)
Weight	1.4 Kg (3.08 lb)	
Ingress Protection	IP67	
Vandal Resistance	IK10 for metal casing	
Fan	Constantly On	
Regulatory	CE, FCC, C-Tick, RoHS compliant	
Power over Ethernet		
PoE Standard	IEEE 802.3at Power over Ethernet / PD	
PoE Power Supply Type	End-Span	
PoE Power Output	DC 48V, 345mA (16.6W Max.)	
Web Interface		
Installation Management	Web-based configuration	
Firmware Upgrade	Remote upgrade through Web browser or GV-IP Device Utility included in the Software DVD	
Access from Web Browser	Camera live view, video recording, change video quality, bandwidth control, image snapshot, audio, Picture in Picture, Picture and Picture, Privacy Mask, Text Overlay	
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish	
Applications		
Network Storage	GV-NVR, GV-System, GV-Recording Server	
Smart Device Access	- GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch - GV-Eye HD for iPad. - embedded 3GPP/ISMA browser	
Live Viewing	IE , GV-MultiView	
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM	

**Note:** Specifications are subject to change without notice.

### Packing List

- GV-IP LPR Camera 5R
- Self Tapping Screw x 3
- Plastic Screw Anchor x 3
- Torx Wrench x 2
- Sun-Shield Cover Kit (1 Sun-Shield Cover, 2 Philips Head Screws, 2 Plastic Screw Spacers and 2 Hexagon Screws included)
- Silica Gel Bag x 2 (1 already installed)
- GV-IP LPR Camera Software CD
- GV-NVR Software DVD
- GV-ASManager Software DVD

## Accessory

Model No	Name	Details	
GV-Mount300	Convex Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4 x 16.1") Weight: 4.27 Kg (9.41 lbs)
GV-Mount310	Concave Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4 x 16.1") Weight: 4.27 Kg (9.41 lbs)
GV-Mount400	Pole Mount Bracket Kit (Ø 4" ~ 6")		Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 Kg (3.75 lbs) Steel Strap Diameter: Ø 4" ~ 6"
GV-Mount410	Pole Mount Bracket Kit (Ø 6" ~ 7.5")		Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 Kg (3.75 lbs) Steel Strap Diameter: Ø 6" ~ 7.5"
GV-PA191	Power over Ethernet (PoE) Adapter		The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-POE Switch			The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.