

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

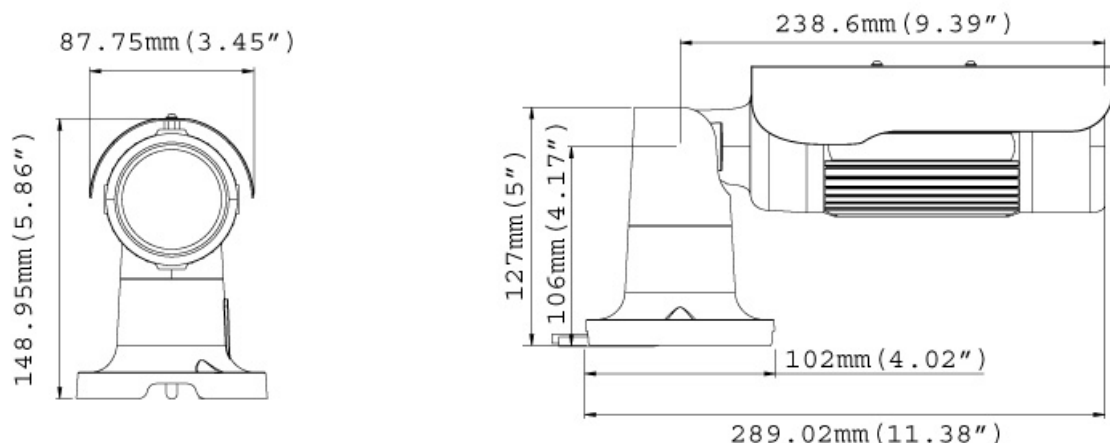



- 1.3 megapixel B/W progressive scan CMOS
- Motorized varifocal lens for remote focus / zoom adjustment
- Dual streams from MJPEG or H.264
- Up to 30 fps at 1280 x 1024
- Recognition for reflective License Plate only
- Maximum Speed 60 km/h (37 mph)
- Ingress protection (IP67)
- Vandal Resistance (IK10 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

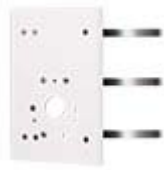
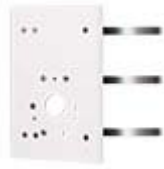
General		
Environment Temperature		-20°C ~ 50°C (-4°F ~ 122°F)
Humidity		10% to 90% (no condensing)
Power Source		PoE (IEEE802.3at)
Max. Power Consumption		16.6 W
Dimension (L X W X H)	Camera Body	289.02 x 87.75 x 148.95 mm (11.4" x 3.45" x 5.86")
	Cable Length	1 m (3.28 ft.)
Weight		1.4 Kg (3.08 lb)
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.	