

GV-LPC1200 1 MP 10x Zoom B/W Network Camera

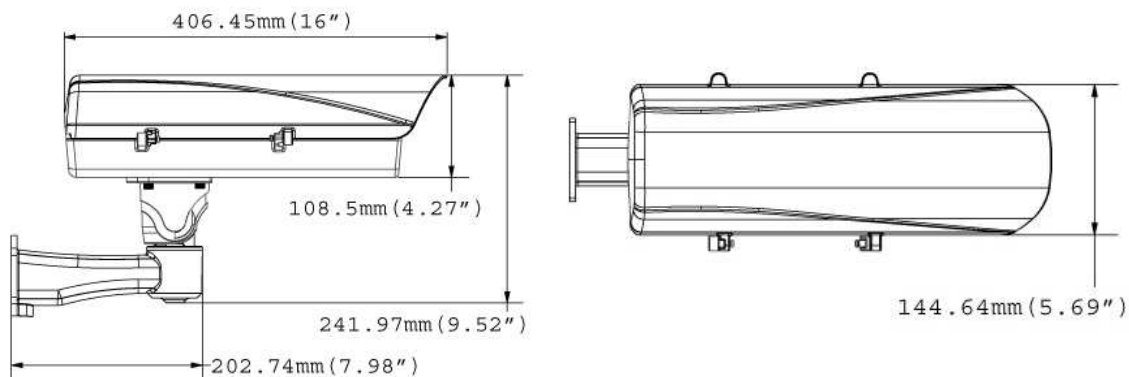


- Megapixel B/W progressive scan CCD
- Motorized varifocal lens for remote focus/zoom adjustment
- Dual streams from MJPEG or H.264
- Up to 30 fps at 1280x720
- Maximum speed 200 km/h (124.27 mph)
- Recognition for reflective License Plate only
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Maximum IR distance 20m (65.6ft)
- Built-in heater and fan
- Support for TV-out
- 10x optical zoom
- Two-way audio
- Support for I/O (2 in / 2 out)
- Defog
- Motion detection
- Text overlay
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- ONVIF (Profile S) conformant
- 30 languages on Web interface





Introduction

GV-LPC1200 is a 1 MP B/W network camera designed for recognition of reflective license plates on vehicles traveling at 200 km/h (124.27 mph) or less. With its multiple high power LEDs and intelligent IR, the camera is able to automatically adjust its shutter speed to the scene and produce clear license plate capture for one lane under low-light conditions. The motorized varifocal lens takes 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 -40°C (-40°F) to 50°C (122°F).

Dimensions



Comparison with other Outdoor GV-IP Cameras

	Headlight Turned On	High Beam Turned On
<p>GV-LPC1200 GV-LPR1200 GV-LPC1100 GV-IP LPR Cam 5R</p>		
<p>GV-BL1500 Super Low Lux Bullet IP Cam</p>		
<p>GV-BL2400 WDR Pro Bullet IP Cam</p>		

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

Specifications





Camera			
Image Sensor	Megapixel B/W progressive scan CCD		
Picture Elements	1280(H) x 720(V)		
Shutter Speed	Automatic: 1/1000 ~ 1/10000 sec Manual: 1/250 ~ 1/2000 sec		
S/N Ratio	52 dB		
Max. Speed	200 km/h (124.27 mph)		
Lens			
Megapixel	1 MP		
Lens Type	Motorized varifocal lens		
Focal Length	4.7mm ~ 47mm		
Maximum Aperture	F/3.5		
Image Format	1.3"		
Angle of View	Diagonal	67.5° ~ 7.3°	
	Horizontal	59.9° ~ 6.4°	
	Vertical	34.7° ~ 3.6°	
Operation	Focus	Auto	
	Zoom	10x optical zoom	
	Iris	Auto	
IR LED Quantity	8 high power IR LEDs		
IR Distance	10 ~ 20 m (32.8 ~ 65.6 ft)		
Operation			
Video Compression	H.264, MJPEG		
Video Stream	Dual streams from H.264 and MJPEG		
Frame Rate	30 fps at 1280 x 720 * The frame rate and the performance may vary depending on the number of connections and data bit rates (different scenes)		
Image Setting	Brightness, Contrast, Sharpness, Gamma, Image Orientation, Shutter Speed, Defog, Maximum Video Gain		
Audio Compression	G.711, AAC (Optional)		
Audio Support	Two-way audio		
Video Resolution			
Main Stream	1280 x 720 (16:9)		
Sub Stream	640 x 360 (16:9)		
TV-Out	BNC connector (640 x 480 resolution)		
Network			
Interface	10/100/1000 Base-T Ethernet, RJ-45 connector		
Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), PSIA, QoS (DSCP), RTSP, SMTP, SNMP, TCP, UDP, UPnP, 3GPP/ISMA		
Mechanical			
Temperature Detector	Yes		
Camera Adjustment	Pan	0° ~ 330°	
	Tilt	0° ~ 90°	
Connectors	Power	DC 12V	
	Ethernet	RJ45	
	Audio	1 In (microphone jack, 3.5mm / 0.14")	
		1 Out (stereo phone jack, 3.5mm / 0.14")	
	Digital I/O	2 In / 2 Out	
	TV-Out	BNC connector (640 x 480 resolution)	
Mini USB	Mini USB port on the circuit board (for UMTS)		
LED Indicator	N/A		
General			

Humidity	10%~90%(non-condensing)	
Power Source	DC 12V, 5A	
Max. Power Consumption	54W	
Dimensions	Without support rack 406x145x109mm(16" x 5.7" x 4.3")	
Cable Length	1m(3.28ft)	
Weight	With support rack	3.32kg(7.32lb)
	Without support rack	2.62kg(5.78lb)
Ingress Protection	IP67	
Vandal Resistance	IK10 for metal casing	
Heater On	-40°C~5°C(-40°F~41°F)	
Fan	Constantly On	
Regulatory	CE, FCC, RoHS compliant	
Web Interface		
Installation & Management	Web-based configuration	
Firmware Upgrade	Remote upgrade through Web Browser GV-IP Device Utility included in the Software DVD	
Access from Web Browser	Live View, Video Quality, Bandwidth Control, Image Snapshot, Audio, Picture in Picture, Picture and Picture, Text Overlay	
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / 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-System (GV-DVR/NVR), GV-VMS, GV-Recording Server	
Smart Device Access	GV-Eye for Android and iOS Embedded 3GPP/ISMA browser	
Live Viewing	IE, GV-Edge Recording Manager	
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor	
LPR Management	GV-ASManager	

Note: Specifications are subject to change without notice.

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Accessory

Model No	Name	Details
GV-Mount300	Convex Corner Adapter Kit	 <p>Dimensions: 238.6 x 409.5 mm (9.4 x 16.1") Weight: 4.27 kg (9.41 lbs)</p>
GV-Mount310	Concave Corner Adapter Kit	 <p>Dimensions: 123.3 x 393.1 mm (4.9 x 15.5") Weight: 2.96 kg (6.53 lbs)</p>
GV-Mount400	Pole Mount Bracket Kit (Ø4" ~ 6")	 <p>Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 kg (3.75 lbs) Steel Strap Diameter: Ø4" ~ 6"</p>
GV-Mount410	Pole Mount Bracket Kit (Ø6" ~ 7.5")	 <p>Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 kg (3.75 lbs) Steel Strap Diameter: Ø6" ~ 7.5"</p>
GV-POESwitch		The GV-POESwitch can be used for data transmission only. It does not provide power to GV-IP LPR cameras.

Packing List

- The GV-LPC1200 camera
- Screw/Anchor x4
- Screw x4
- Washer x4
- Torx Wrench x1
- Power Adapter (DC 12V, 5A)
- AC Power Cord
- Silica Gel Bag x1
- Adhesive tape for Silica Gel Bag x1
- GV-IP LPR Camera Software CD
- GV-NVR Software DVD
- GV-AS Manager Software DVD
- GV-LPR Camera Installation Guide
- Warranty Card

