

GV-LPC2211 2MP 2.5x Zoom Super Low Lux Color Network Camera

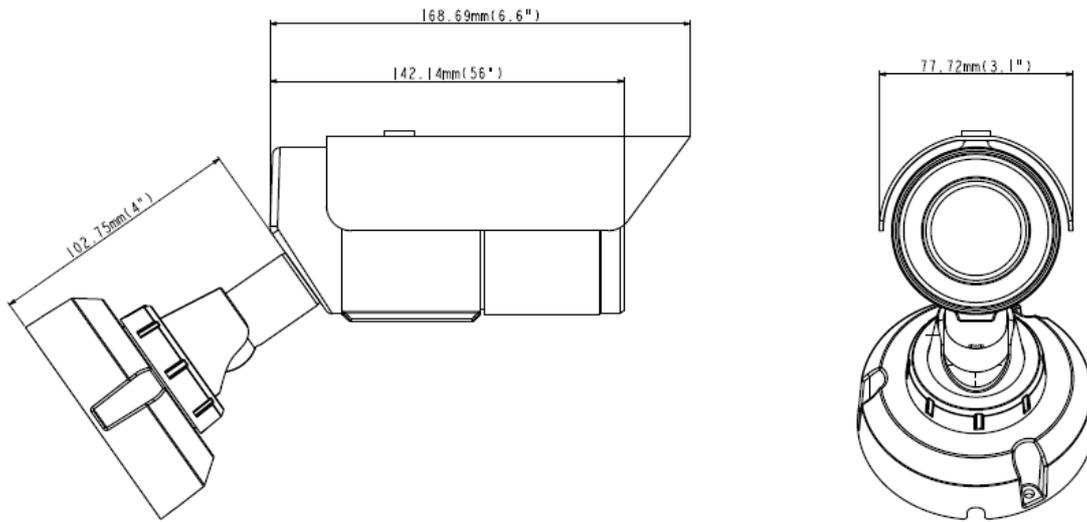


- 1/2.8" color progressive scan super low lux CMOS
- Motorized varifocal lens for remote focus / zoom adjustment
- Dual streams from MJPEG or H.264
- Up to 30 fps at 1920 x 1080
- Maximum speed 120 km/h (75 mph)
- Recognition for reflective License Plate only
- Intelligent IR
- Day and Night function (with removable IR-cut filter)
- Megapixel lens
- P-iris lens for auto iris control
- Maximum IR distance 20 m (65 ft)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range (WDR)
- 3D noise deduction
- Defog
- Motion detection
- Privacy Mask
- Text overlay
- Tampering Alarm
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- ONVIF (Profile S) compliant
- 30 languages on Web interface

Introduction

GV-LPC2211 is a 2 MP color network camera, designed for recognition of reflective license plates on vehicles traveling up at 120 km/h (75 mph) or less with extreme temperatures (-30°C ~ 50°C / -22°F ~ 122°F) resistance. It is weather proof (IP67). Equipped with a Super Low Lux CMOS image sensor, the camera displays a color live view at near darkness. Its multiple LEDs and build-in intelligent IR provide clear license plate for two lanes under low-light conditions at a maximum IR distance of 20 m (65 ft). The motorized varifocal lens takes the advantage of its motorized focus / zoom by which users can remotely adjust the focus and zoom through the Web interface. The camera also allows automatic and precise control of exposure using its P-iris, producing images with better clarity and contrast.

Dimensions



Specifications

Camera		
Image Sensor	1/2.8" progressive scan super low lux CMOS	
Picture Elements	1920 (H) x 1080 (V)	
Camera Type	Color, B/W	
Minimum Illumination	Color	0.05 Lux
	B/W	0.04 Lux
	IR ON	0 Lux
Shutter Speed	Auto, Manual (1/120 ~ 1/2000 sec)	
White Balance	Auto / Manual (2800K ~ 8500K)	
S/N Ratio	56 dB	
WDR	Yes	
Dynamic Range	Up to 72 dB	
Max. Speed	120 km/h (75 mph)	
Lens		
Megapixel	2 MP	
Day/Night	Yes	
Lens Type	Motorized varifocal lens	
Focal Length	9 ~ 22 mm	
Horizontal FOV	39°~17°	
Maximum Aperture	F/2.0 ~ F/3.5	
Mount	Ø 14 mm	
Image Format	1/2.7"	
Operation	Focus	Remote Focus
	Zoom	2.5x Optical Zoom
	Iris	P-Iris
IR LED Quantity	24 IR LEDs	
IR Distance	10 ~ 20 m (35 ~ 65 ft)	
Operation		
Video Compression	H.264, MJPEG	
Video Stream	Dual streams from H.264 or MJPEG	
Frame Rate	30 fps at 1920 x 1080 (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, Saturation, Sharpness, Gamma, Auto Exposure, White Balance, Flicker less, Image Orientation, Shutter Speed, Maximum Video Gain, D/N Sensitivity, Denoise, Defog, Metering.	

Audio Compression	N/A	
Audio Support	N/A	
Video Resolution		
Main Stream	16:9	1920 x 1080 (Default), 1280 x 720
Sub Stream	16:9	640 x 360
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, SNMP, QoS (DSCP), ONVIF (Profile S)	
Mechanical		
Temperature Detector	Yes	
Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	90° ~ 180°
Connectors	Power	2-pin terminal block, PoE
	Ethernet	RJ-45
	Audio	N/A
	Digital I/O	N/A
	TV-Out	N/A
LED Indicator	N/A	
General		
Environment Temperature	Start-up	-20°C ~ 50°C (-4°F ~ 122°F)
	Operation	-30°C ~ 50°C (-22°F ~ 122°F)
Humidity	10% ~ 90% (non-condensing)	
Power Source	DC 12V, PoE (IEEE 802.3af)	
Max. Power Consumption	12.3 W	
Dimensions	142.14 x 77.72 x 102.75 mm (5.6" x 3.06" x 4.05")	
Weight	810 g (1.8 lb)	
Ingress Protection	IP67	
Vandal Resistance	IK10 for metal casing	
Regulatory	CE, FCC, RCM, RoHS compliant	
Power over Ethernet		
PoE Standard	IEEE (802.3af Power over Ethernet / PD)	
PoE Power Supply Type	End-Span	
PoE Power Output	Per Port 48V DC, 350 mA, Max. 15.4 watts	
Web Interface		
Installation & Management	Web-based configuration	
Firmware Upgrade	Remote upgrade through Web Browser, GV-IP Device Utility	
Access from Web Browser	Camera Live View, Video Recording, Video Quality, Bandwidth Control, Image Snapshot, Picture in Picture, Picture and Picture, Privacy Mask, Tampering Alarm, Text Overlay, Motion Detection, IP Address Filtering, Digital PTZ	
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, Chrome, Firefox, Edge, Safari	
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor	
LPR Management	GV-ASManager	

Note:

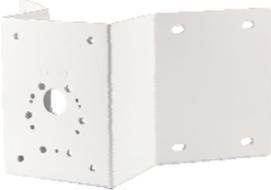
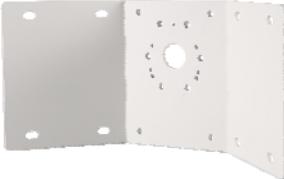
1. Try to avoid placing the camera where it can be subjected to direct LED light. The LED lighting from vehicles, streetlights, etc. may cause flickering images.
2. Specifications are subject to change without notice.

Packing List

- | | |
|-----------------------------------|-------------------------------|
| 1. GV-LPC2211 camera | 9. Screw for Mounting Kit x 3 |
| 2. Sun-shield Cover | 10. Nut for Mounting Kit x 3 |
| 3. Screw for Sun-shield Cover x 2 | 11. Hex Key |
| 4. Screw for Supporting Rack x 3 | 12. Download Guide |
| 5. Screw Anchor x 3 | 13. Warranty Card |
| 6. Silica Gel Bag | |
| 7. Washer x 2 | |
| 8. Terminal Block | |

Note: The power adapter can be purchased upon request.

Accessories

Model No.	Name		Details
GV-Mount300-1	Convex Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4 x 16.1") Weight: 4.27 kg (9.41 lb)
GV-Mount310-1	Concave Corner Adapter Kit		Dimensions: 123.3 x 393.1 mm (4.9 x 15.5") Weight: 2.96 kg (6.53 lb)
GV-Mount400-1	Pole Mount Bracket Kit (Ø 4 ~ 6")		Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 101 ~ 152 mm (4 ~ 6")
GV-Mount410-1	Pole Mount Bracket Kit (Ø 6 ~ 7.5")		Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 152 ~ 191 mm (6 ~ 7.5")
GV-PA191 PoE Adapter			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			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.
Power Adapter			Contact our sales representative for the countries and areas supported.