

GV-Hybrid LPR Camera 10R



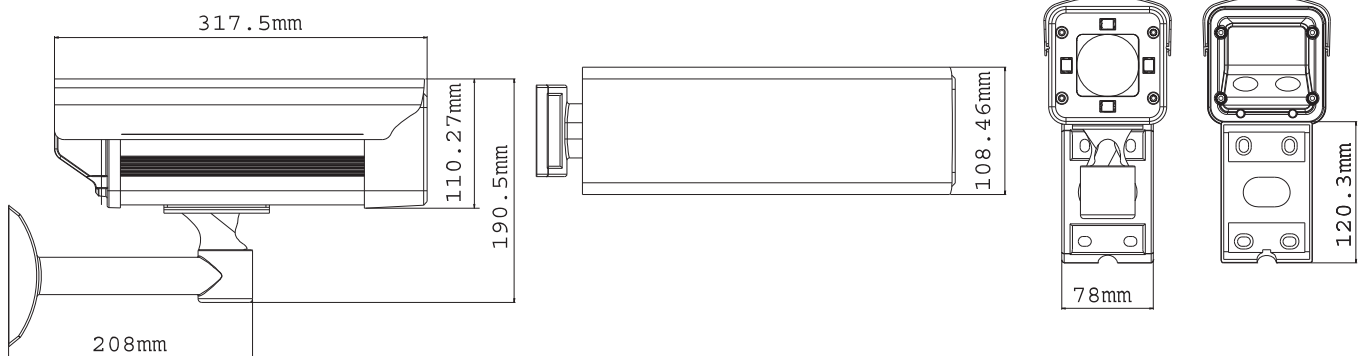
- 1.3 megapixel B/W progressive scan CMOS
- Dual streams from MJPEG or H.264
- Up to 30 fps at 1280 x 1024
- IP66 rating
- Built-in heater and fan
- Support for TV-out
- Two-way audio
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- Text overlay
- IP address filtering
- Power supplied through PoE (IEEE 802.3 at++)
- Support for iPhone, iPad, Android and 3GPP
- 31 languages on Web interface
- ONVIF conformant

INTRODUCTION

The GV-Hybrid LPR Camera 10R is a 1.3 MP B/W network camera designed solely for recognition of reflective license plates on vehicles traveling at 120 km/hr (74.6 mph) or less. With its 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 under low-light conditions. Under certain conditions, the GV-Hybrid Camera 10R can capture up to two lanes in a single shot. It is also able to work in environments with extreme temperatures from as low as -40°C/-40°F up to 50°C/122°F.

The GV-Hybrid LPR Camera 10R can be easily configured through its Web interface and you can record and play back recordings using the free GV-NVR software included in the standard package.

DIMENSION



SPECIFICATIONS

Camera		
Image Sensor		1/2.7" B/W 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
Lens		
Megapixel		Yes
Lens Type		Varifocal
Focal Length		5 ~ 50 mm
Maximum Aperture		F/1.6
Mount		CS
Image Format		1/2.7"
Operation	Focus	Manual (w / lock)
	Zoom	Manual (w / lock)
	Iris	DC drive
IR Led Quantity		4 high power IR LEDs
IR Distance		6 m ~ 12 m
Max. Torque (Focus/ Zoom Screws)		0.049 N.m
Operation		
Video Compression		H.264, MJPEG
Video Stream		Dual streams from H.264 and MJPEG
Frame Rate		30 fps at 1280 x 1024 * 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, White Balance, Image Orientation, Shutter Speed
Audio Compression		G.711, AAC (16 kHz / 16 bit) *AAC is only supported by GV-System V8.5 or later
Two-way Audio		Yes
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, 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
TV-Out		NTSC, PAL
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
Mechanical		
Lens Mounting		CS-Mount
Temperature Detector		Yes
Camera Adjustment	Pan	0° ~ 330°
	Tilt	0° ~ 90°
Connectors	Power	PoE
	Ethernet	RJ-45
	Audio	1 In (externally connecting a microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)
	Auto Iris	DC drive
	TV-Out	BNC connector (640 x 480 resolution)
LED Indicator		1 LED (Status)

General		
Environment Temperature	-40°C ~ 50°C / -40°F ~ 122°F	
Humidity	10% to 90% (no condensing)	
Power Source	PoE (IEEE802.3at++)	
Max. Power Consumption	48 W	
Dimension (L X W X H)	Camera Body	317.5 x 100.5 x 100.5 mm / 12.5 x 3.96 x 3.96 in
	Cable Length	1 m / 3.28 ft
	Max. Cable Diameter	ø 7.1 mm / 0.28 in
	Max. Connector Diameter	ø 25.2 mm / 0.99 in
Weight	3.2 Kg / 7.05 lb	
Protection Classification	IP66	
Heater	On: 7°C/44.6°F; Off: 8°C/46.4°F	
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, 600mA (34.2W Max.)	
Web Interface		
Installation Management	Web-based configuration	
Firmware Upgrade	Remote upgrade through Web browser or upgrade using 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, Tampering Alarm, 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.	
Live Viewing	IE, GV-MultiView	
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM	
GV-PA481		
PoE Standard	IEEE 802.3at Power over Ethernet / PoE Adapter	
PoE Power Output	DC 48V, 1A (48W Max.)	
Ethernet Cable Length	Max 10 m / 32.8 ft from GV-PA481 to IP device, CAT5	
Power Input	DC 48V, 1A	
Operation Temperature	-40°C ~ 50°C / -40°F ~ 122°F	
Dimensions (L x W x H)	138 x 104 x 38 mm / 5.43 x 4.09 x 1.5 in	
Weight	610 g / 1.342 lbs	

Note:

1. Specifications are subject to change without notice.
2. GV-Hybrid LPR Camera is designed for vehicles traveling at 120 km/hr (74.6 mph) or less and with reflective license plates only.