

## GV-VD1500 1.3MP H.264 Super Low Lux WDR IR Vandal Proof IP Dome



- 1/3" progressive scan Super Low Lux CMOS
- Min. illumination at 0.01 lux
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Vandal resistance (IK10+)
- Ingress protection (IP67)
- Varifocal megapixel lens
- 3-axis mechanism (pan/tilt/roll)
- Removable IR-cut filter for Day/Night function
- External microphone
- Intelligent IR
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Built-in micro SD card slot (SD/SDHC) for local storage
- DC12V/AC24V/PoE
- Wide Dynamic Range (WDR)
- 3D DNR (Digital Noise Reduction)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant
- \* No Memory card slot & local storage function for Argentina.

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### Active Tampering Alarm

Tampered



Focus Change



Camera Shift



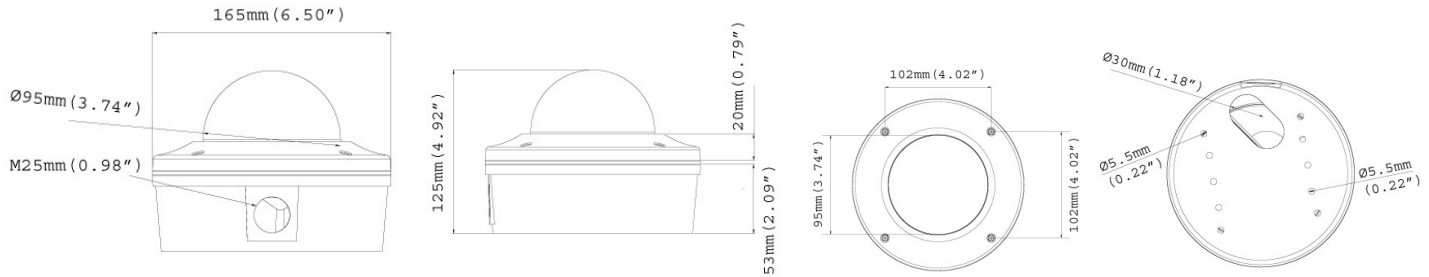
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### Introduction

The GV-VD1500 is an outdoor camera (IP67) designed with vandal protection (IK10+). The camera is equipped with a Super Low Lux CMOS image sensor with which the camera is capable of providing a color live view in near darkness. The Vandal Proof IP Dome can also be installed on wall surface, wall corner, pole and ceiling with the GV-Mount accessories (optional).

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## Dimensions



## Specifications

### Camera

Image Sensor	1/3" progressive scan super low lux CMOS	
Picture Elements	1280(H) x 1024(V)	
Minimum Illumination	Color	0.01 Lux
	B/W	0 Lux
	IRON	0 Lux
Shutter Speed	Automatic, Manual (1/5 ~ 1/8000 sec.)	
White Balance	Automatic, Manual (2800K ~ 8500K)	
Gain Control	Automatic	
S/N Ratio	55dB	
WDR	Yes	

### Lens

Megapixel	Yes	
Day/Night	Yes (with removable IR-cut filter)	
Lens Type	Varifocal	
Focal Length	3 ~ 9 mm	
Maximum Aperture	F/1.2	
Mount	Ø14 mm	
Image Format	1/2.7"	
Horizontal FOV	90° ~ 32°	
Operation	Focus	Manual (w/lock)
	Zoom	Manual (w/lock)
	Iris	DC drive
Max. Torque (Focus/Zoom Screws)	0.049 N.m	
IR LED Quantity	10 IR LEDs	
Max. IR Distance	30 m (98.4 ft)	

### 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, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Backlight Compensation, I/N Sensitivity, Shutter Speed, WDR, Defog, Super Low Lux
Audio Compression	G.711, AAC (optional)
Audio Support	Two-Way Audio
Sensor Input	1 Input (Dry Contact)
Alarm Output	1 Output (200mA 5V DC)

### 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

<b>Network</b>		
Interface	10/100M Ethernet	
Ethernet Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF(Profile S), PSIA, QoS(DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA	
<b>Mechanical</b>		
Temperature Detector	Yes	
Camera Angle Adjustment	Pan	0°~350°
	Tilt	10°~90°
	Rotate	0°~340°
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
	Audio	1 In (RCA female for microphone) 1 Out (RCA female for speaker)
	Digital I/O	I/O Wire
	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) * SDXC and UHS-I card types are not supported.
	TV-Out	BNC connector (640 x 480 resolution)
LED Indicator	2 LEDs: Power, Status	
<b>General</b>		
Environment Temperature	-30°C~50°C (-22°F~122°F)	
Humidity	10% to 90% (no condensation)	
Power Source	12V DC / 24V AC / PoE	
Max. Power Consumption	9W	
Dimensions	Camera Body	ø165 x 125 mm (6.49" x 4.92")
	Cable Length	1 m (3.28 ft.)
	Cable Diameter	ø16.7 mm (0.66")
	Maximum Connector Diameter	ø16.7 mm (0.66")
Weight	1.7 kg (3.75 lb)	
Ingress Protection	IP67	
Vandal Resistance	IK10+	
Regulatory	CE, FCC, RoHS, RoHS compliant	
<b>Power over Ethernet</b>		
PoE Standard	IEEE 802.3af Power over Ethernet (PoE)	
PoE Power Supply Type	End-Span	
PoE Power Output	Per Port 48V DC, 350mA, Max. 15.4 watts	
<b>Web Interface</b>		
Installation Management	Web-based configuration	
Maintenance	Firmware upgrade through Web Browser or Utility	
Access from Web Browser	Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Digital I/O Control, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay, Digital PTZ	
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	
<b>Applications</b>		
Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server	
Smart Device Access	GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch GV-Eye HD for iPad	
Live Viewing	IE, mobile phone	
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM	

**Note:**







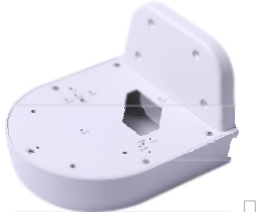

1. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
2. Specifications are subject to change without notice.



**Packing List**

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|-------------------------|--------------------------------------|
| 1. Vandal Proof IP Dome | 9. T-Cap x3                          |
| 2. Silica Gel Bag x2    | 10. Plastic Clip x3                  |
| 3. Screw Anchor x4      | 11. Focus Adjustment Cap             |
| 4. Torx Wrench x1       | 12. 2-Pin Terminal Block             |
| 5. Ceiling Screw x4     | 13. GV-IPCAM H.264 Quick Start Guide |
| 6. Blue Screw x3        | 14. GV-IPCAM H.264 Software CD       |
| 7. T-Cap Screw x3       | 15. GV-NVR Quick Start Guide         |
| 8. Small Screw Cap x3   | 16. GV-NVR Software DVD              |

**Accessories**

Model No.	Name		Details
GV-Mount100	Straight Tube and Junction Box Kit		Dimensions: 200 x 170 x 257.5 mm (7.9" x 6.7" x 10.1") Weight: 3.17 Kg (6.99 lb)
GV-Mount101	Straight Tube Kit		Dimensions: 219 x 125 x 332 mm (8.6" x 4.9" x 13.1") Weight: 1.8 Kg (3.97 lb)
GV-Mount200	Wall Pendant Tube		Dimensions: 225 x 140 x 250 mm (8.9" x 5.5" x 9.8") Weight: 900 g (1.98 lb)
GV-Mount203	Wall Pendant Tube and Junction Box Kit		Dimensions: 315 x 195.5 x 225 mm (12.4" x 7.7" x 8.9") Weight: 2.95 Kg (6.5 lb)
GV-Mount300	Convex Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 Kg (9.41 lb)

Model No.	Name		Details
GV-Mount310	Concave Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 Kg (9.41 lb)
GV-Mount400	Pole Mount Bracket Kit (Ø4" x 6")		Dimensions: Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 Kg (3.75 lb) Steel Strap Diameter: Ø4" x 6"
GV-Mount410	Pole Mount Bracket Kit (Ø6" x 7.5")		Dimensions: Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 Kg (3.75 lb) Steel Strap Diameter: Ø6" x 7.5"
GV-Mount702	Extension Tube		Four options are available. Dimensions: Ø5.4 x 10 or 20 or 30 or 50 cm (Ø2.1" x 3.9" or 7.9" or 11.8" or 19.7") Weight: 180 g or 390 g or 550 g or 800 g (0.4 lb or 0.86 lb or 1.21 lb or 1.76 lb)
GV-Mount900	Wall Mount Bracket		Dimensions: 154 x 108 x 50 mm (6.1" x 4.3" x 2") Weight: 240 g (0.53 lb)
GV-Mount901	GV-VD Series Dome Housing		Dimensions: Ø186 x 97.5 mm (Ø7.3" x 3.8") Weight: 600 g (1.32 lb)
GV-Mount909	Wall Mount Bracket		Dimensions: 170 x 150 x 110 mm (6.7" x 5.9" x 4.3") Weight: 610 g (1.34 lb)
41-81053-HK2	Smoked Cover		Dimensions: ø103.7 x 55 mm (4.08" x 2.16") Weight: 30g (0.07 lb) Vandal Resistance: IK7

Model No.	Name		Details
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-Relay V2	GV-Relay V2		The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement.
Power Adapter	Power adapters are available in 5 regions: U.S.A., Australia, U.K, Europe and Brazil.		
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.		

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