

GV-VD120D/ 121D/ 122D/ 123D 1.3M H.264 Low Lux IR Vandal Proof IP Dome



- 1/3" progressive scan CMOS
- Dual video streams from two of H.264, MPEG4 and MJPEG
- Up to 30 fps at 1280 x 1024
- IK10+ (for GV-VD120D and GV-VD121D only)
- IP66 compliant
- 3-axis mechanism (pan / tilt / roll)
- External microphone
- Built-in IR LED
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- 3GPP / ISMA
- DC 12V / AC 24V / PoE
- Day / Night function
- Varifocal megapixel lens
- 16 languages on Web interface

Models

Model	Housing Cover Cover Color	Vandal Resistance
GV-VD120D	Transparent cover	IK10+
GV-VD121D	Smoked cover	IK10+
GV-VD122D	Transparent cover	IK7
GV-VD123D	Smoked cover	IK7

Active Tampering Alarm

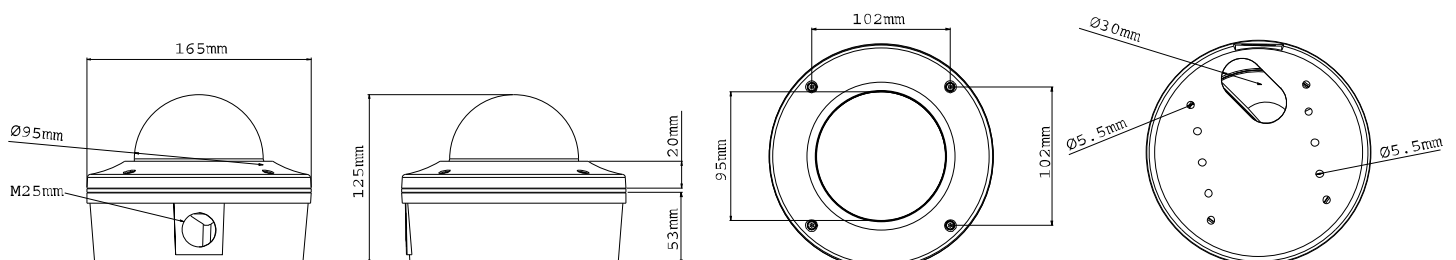
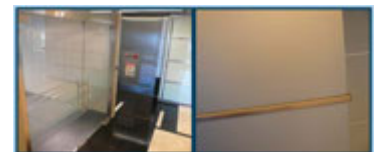
Tampered



Focus Change



Camera Shift



SPECIFICATIONS

Camera		
Image Sensor		1/3" progressive scan CMOS
Picture Elements		1280 (H) x 1024 (V)
Minimum Illumination	Color	0.15 Lux (1/30 sec), 0.08 Lux (1/5 sec)
	B/W	0 Lux
	IR ON	
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)
White Balance		Automatic, Manual (2800K ~ 8500K)
Lens		
Megapixel		Megapixel
Day / Night support		Day / Night support
Max Aperture		Max Aperture
Focal Length		Focal Length
Field of view	Field of view	Field of view
	Horizontal	98.5° (W) ~ 29.8° (T) ± 5°
	Vertical	78.7° (W) ~ 23.9° (T) ± 5°
Operation	Operation	Operation
	Zoom	Manual (w / lock)
	Iris	DC
IR LED Quantity		IR LED Quantity
IR Distance		IR Distance
Operation		
Video Codec		H.264, MPEG4, MJPEG
Video Streaming		Dual Streams from two of H.264, MPEG4 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
Audio Codec		G.711, AAC (16kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later.
Sensor Input		1 Input (Dry Contact)
Alarm Output		1 Digital Output
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
Network		
Interface		10/100 Ethernet
Ethernet Protocol		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS(DSCP)
Mechanical		
Lens Mounting		Ø 14 mm
Rotation Axis		3-axis (pan / tilt / roll)
Connectors	Power	3-pin terminal block
	Ethernet	RJ-45
	Audio	1 In (RCA female for microphone) 1 Out (RCA female for speaker)
	Digital I/O	I/O Wires
	Auto Iris	DC drive
	Local Storage	Micro SD/SDHC memory card slot
	TV-Out	Yes

General		
Operating Temperature		-20 °C ~ 50 °C / -4 °F ~ 122 °F
Humidity		10% to 90% (no condensation)
Power Source		12V DC / 24V AC / PoE
Power Consumption		12 W (max. 1A at 12V DC)
Regulatory		CE, FCC, C-Tick, RoHS compliant
Dimensions (L X W X H)		ø 165 x 125 mm / 6.49 x 4.92 in
Weight		1.7 kg / 3.75 lb
Protection Classification		IP66
Vandal Resistance	GV-VD120D / GV-VD121D	IK10+
	GV-VD122D / GV-VD123D	IK7
Power over Ethernet		
PoE Standard		IEEE 802.3af Power over Ethernet / PSE
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 350mA. Max. 15.4 watts
Web Interface		
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, Wide Angle Lens Dewarping
Language		Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese
Applications		
Network Storage		GV-NVR, GV-System
3G Mobile Phone		Built-in player for 3GPP / ISMA
Live Viewing		IE , Mobile Phone
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM, GV-Backup Center, GV-Video Gateway, GV-Recording Server

Note: Specifications are subject to change without notice.