

## 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	-
GV-VD123D	Smoked cover	-

### Active Tampering Alarm

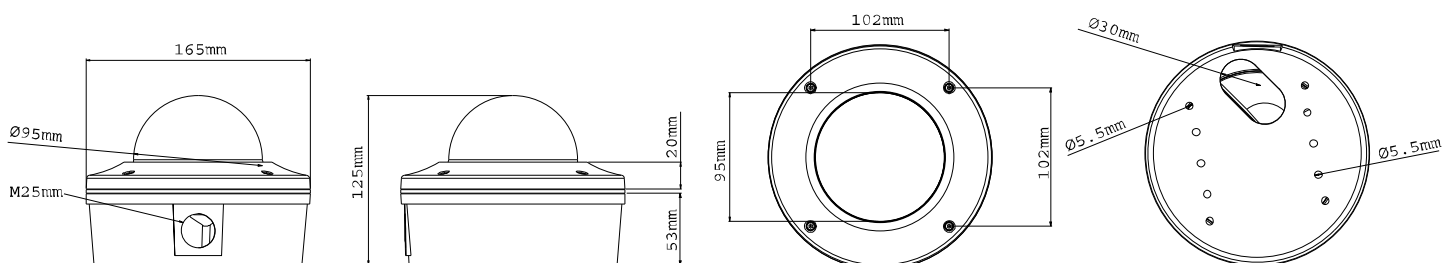
Tampered



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 IR ON	0 Lux
Shutter Speed	Automatic, Manual (1/5 ~ 1/8000 sec)	
White Balance	Automatic, Manual (2800K ~ 8500K)	

### Lens

Megapixel	Yes	
Day / Night support	Yes	
Max Aperture	F/1.3 ± 5%	
Focal Length	2.7 ~ 9 mm	
Field of view	Diagonal	126° (W) ~ 38.2° (T) ± 5°
	Horizontal	98.5° (W) ~ 29.8° (T) ± 5°
	Vertical	78.7° (W) ~ 23.9° (T) ± 5°
Operation	Focus	Manual (w / lock)
	Zoom	Manual (w / lock)
	Iris	DC
IR LED Quantity	15 IR LEDs	
IR Distance	15 m / 50 ft (Max.)	

### 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	
Input	1 Input (Dry Contact)	
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	

### Mechanical

Lens Mounting	ø 14 mm	
Rotation Axis	3-axis (pan / tilt / roll)	
Connectors	Power	2-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	

<b>General</b>	
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	IK10+ (for GV-VD120D / 121D only)
<b>Power over Ethernet</b>	
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
<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
Language	Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese
<b>Applications</b>	
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

**Note:** Specifications are subject to change without notice.