

GV-VD320D 3M H.264 IR Vandal Proof IP Dome



- 1/2.5" progressive scan CMOS
- Dual video streams from two of H.264, MPEG4 and MJPEG
- Up to 20 fps at 2048 x 1536
- Vandal Proof
- 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

Active Tampering Alarm

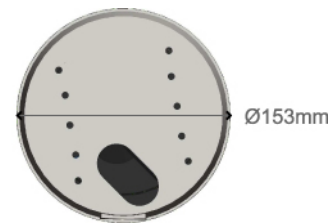
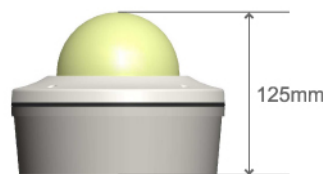
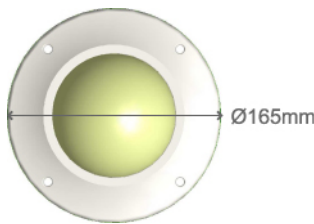
Tampered



Focus Change



Camera Shift



SPECIFICATIONS

Camera		
Image Sensor	1/2.5" progressive scan CMOS	
Picture Elements	2048 (H) x 1536 (V)	
Minimum Illumination	Color	1 Lux (1/30 sec), 0.5 Lux (1/5 sec)
	B/W IR ON	0 Lux
Shutter Speed	1/5 ~ 1/8000 sec, Automatic, manual	
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	118.4° (W) ~ 36.3° (T) ± 5°
	Horizontal	94.7° (W) ~ 29° (T) ± 5°
	Vertical	71.1° (W) ~ 21.8° (T) ± 5°
Operation	Focus	(w / lock)
	Zoom	(w / lock)
	Iris	DC

IR LED Quantity	15 IR LEDs		
IR Distance	15 m / 49.21 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 1920 x 1080 * 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		
Audio Codec	G.711		
Input	1 Input (Dry Contact)		
Output	1 Digital Output		
Video Resolution			
Main Stream	4:3	2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240	
	16:9	1920 x 1080, 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, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP, PSIA		
Mechanical			
Lens Mounting	ø 14 mm		
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	
	TV-Out	Yes	
General			
Operating Temperature	-20 °C ~ 50 °C / -4 °F ~ 125 °F		
Humidity	10% to 93% (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 4.91 in		
Weight	1.7 kg / 59.959 lb		
Protection Classification	IP66		
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		
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		
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		

Note: Specifications are subject to change without notice.