

GV-EBD2705 2MP H.265 Low Lux WDR Pro IR Eyeball IP Dome

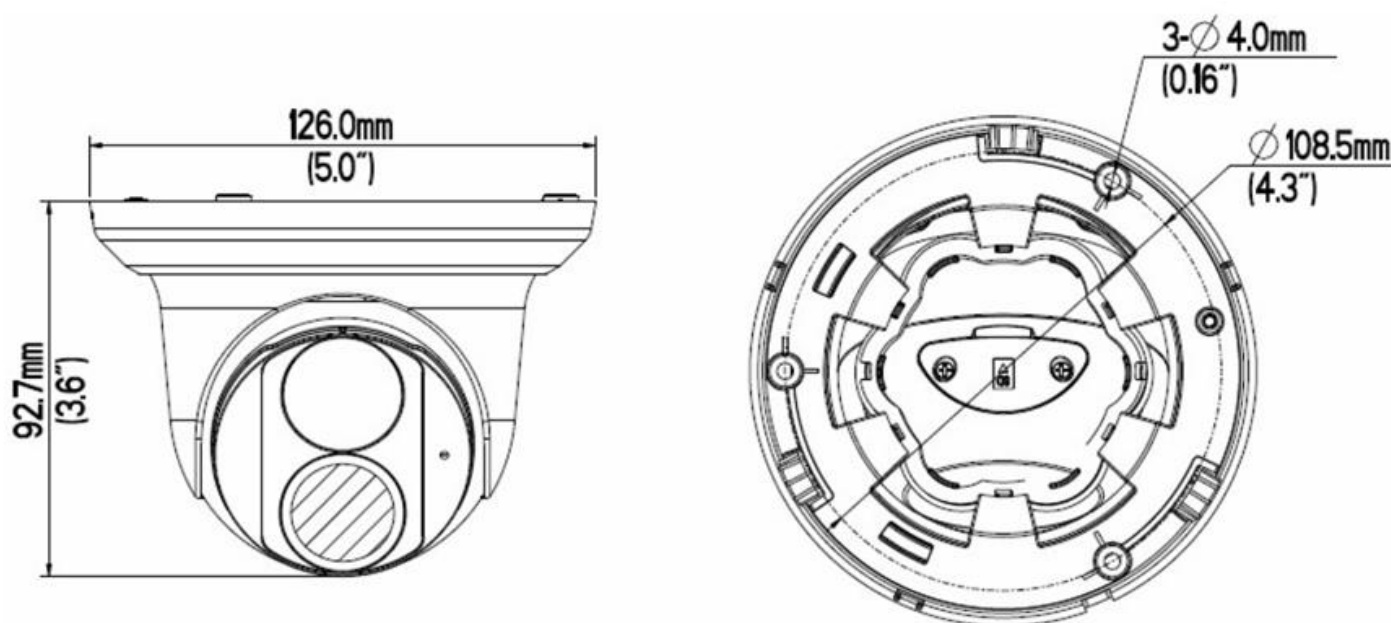


- 1/2.7" progressive scan CMOS sensor
- Min. illumination at 0.01 lux
- Dual streams from H.265, H.264 or MJPEG
- Up to 30 fps at 1920 x 1080
- Day and night function (with removable IR-cut filter)
- 3-axis mechanism (pan / tilt / rotate)
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Built-in microphone
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I) for local storage
- Wide Dynamic Range (WDR Pro)
- Ingress protection (IP67)
- DC 12V / PoE (IEEE 802.3af)
- Defog
- 3D noise reduction
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T) conformant

Introduction

GV-EBD2705 is an outdoor, network camera equipped with an automatic IR-cut filter and an IR LED for day and night surveillance. The camera adheres to IP67 standards. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. With its WDR Pro, it can process scenes with contrasting intensity of lights and produce clear image.

Dimensions



Specifications

Camera			GV-EBD2705-2F			
Image Sensor		1/2.7" progressive scan CMOS				
Picture Elements		1920 (H) x 1080 (V)				
Minimum Illumination	Color	0.01 Lux (F2.0, AGC ON)				
	IR ON	0 Lux				
Shutter Speed		Auto / Manual (1 ~ 1/100,000 sec)				
White Balance		Auto / Manual				
Gain Control		Auto / Manual				
S/N Ratio		Up to 52 dB				
WDR Pro		Yes				
Dynamic Range		120 dB				
Lens						
Megapixel		2 MP				
Day / Night		Yes (with removable IR-cut filter)				
Lens Type		Fixed				
Focal Length		2.8 mm				
Maximum Aperture		F/2.0				
Mount		Ø 12 mm				
FOV	Horizontal	112.9°				
	Vertical	59.1°				
	Diagonal	121.2°				
Operation	Focus	Fixed				
	Zoom					
	Iris					
IR LED Quantity		1 IR LED				
Max. IR Distance		30 m (100 ft)				
DORI		Detect	Detect	Detect	Detect	
Lens	2.8 mm	42m (137.7 ft)	42m (137.7 ft)	42m (137.7 ft)	4.2 m (13.7 ft)	
Operation						
Video Compression		H.265, H.264, MJPEG				
Video Streaming		Dual streams from H.265, H.264 or MJPEG				
Video Resolution	Main Stream	1920 x 1080 (Default), 1280 x720				
	Sub Stream	1280 x 720, 720 x 576, 640 x 480, 640 x 360 (Default)				
Frame Rate		30 fps at 1920 x 1080 (60 / 50 Hz) *The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).				
Maximum throughput		50 Mbps				
Maximum stream s*When the total bitrate is within the maximum throughput		6				
Video Analytics		Motion Detection, Tampering Alarm, Audio Detection, Cross Line, Intrusion *Tampering Alarm, Audio Detection, Cross Line, Intrusion are only accessible through the camera's Web interface, which can be used to trigger alerts such as e-mail and FTP.				
Image Setting		Brightness, Saturation, Contrast, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)				
Audio Compression		G.711				
Audio Support		One-way audio				
Network						
Interface		10/100 Ethernet				
Protocol		ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)				
Mechanical						
Camera Angle Adjustment	Pan	0° ~ 360°				
	Tilt	0° ~ 80°				
	Rotate	0° ~ 360				
Connectors	Power	DC Jack (DC 12 V, 1.25 A), PoE				

	Ethernet	RJ-45 connector	
	Audio	Built-in microphone	Yes
		External microphone required	No
		Built-in speaker	No
		External speaker required	No
Connectors	Local Storage	microSD card slot (SD / SDHC / SDXC), up to 512 GB	

General			
Operating Temperature		-30 °C ~ 60 °C (-22 °F ~ 140 °F)	
Humidity		0% ~ 95% (no condensation)	
Power Source		1.25A 12V DC / PoE (IEEE802.3af)	
Max. Power Consumption		7.0 W	
Dimensions		Ø 126 x 92.7 mm (Ø 5.0" x 3.6")	
Weight		0.45 kg (0.99 lb)	
Ingress Protection		IP67	
Certification		FCC, CE, RoHS, UL compliant	

Web Interface			
Installation Management		Web-based configuration	
Maintenance		Firmware upgrade through Web Browser or GV-IP Device Utility	
Access from Web Browser		Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Defog, Text Overlay, Image Masking	
Language		Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese	

Applications			
Software Supported		GV-VMS (V17.4.7 / V18.3.2 or later), GV-Control Center (V4.2.1, coming soon), GV-Recording Server / Video Gateway (V2.1.1 or later), GV-Edge Recording Manager Windows Version (V2.2.7 or later)	
Smart Device Access		GV-Eye for iOS / Android (V3.1.1 or later)	
Live Viewing		Browser (IE, Edge, Chrome, Firefox), Mobile App	

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

- | | |
|----------------------------|--------------------------|
| 1. GV-EBD2705 Eyeball Dome | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Download Guide |
| 3. Screw kit | |

Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount212P or GV-Mount212-1)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72" x 13.15") Weight: 0.74 kg (1.63 lb)
GV-Mount211P	Wall Mount and Junction Box		Dimensions: Ø 233 x 125 x 125 mm (Ø 9.2" x 4.9" x 4.9") Weight: 1 kg (2.2 lb)

GV-Mount211-1	Wall Mount and Junction Box		Dimensions: 235 x 126.2 x 128.5 mm (9.3" x 5.0" x 5.1") Weight: 0.84 kg (1.85 lb)
GV-Mount212P	Wall Box Mount		Dimensions: Ø 126 x 36 mm (Ø 5.0" x 1.4") Weight: 0.22 kg (0.48 lb)
GV-Mount212-1	Wall Box Mount		Dimensions: Ø 126 x 38.5 mm (Ø 5.0" x 1.5") Weight: 0.24 kg (0.53 lb)
GV-Mount300-2	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount420 (must be used with GV-Mount211P)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7" x 4.7" x 2.1") Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")
GV-Mount440-1 (must be used with GV-Mount211P or GV-Mount211-1)	Pole Mount Bracket		Dimensions: 136 x 127 x 63.6 mm (5.4" x 5.0" x 2.5") Weight: 0.34 kg (0.75 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")
GV-Mount704 (must be used with GV-Mount107)	Extension Tube		Dimensions: Ø 3.5 x 10 or 20 or 30 or 50 cm (Ø 1.38 x 3.9 or 7.9 or 11.8 or 19.7") Weight: 225 g or 360 g or 500 g or 780 g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
GV-PA191	PoE Adapter		GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.

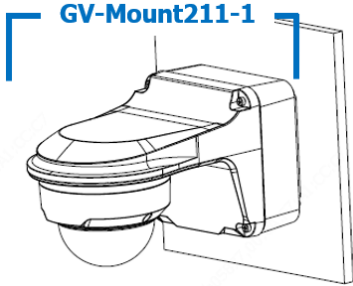
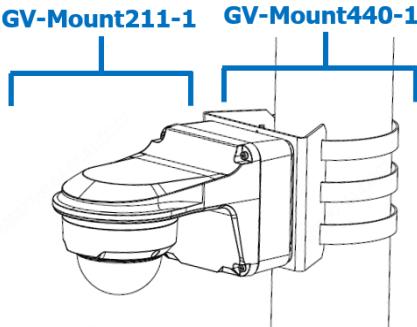
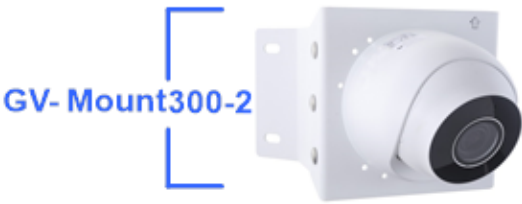
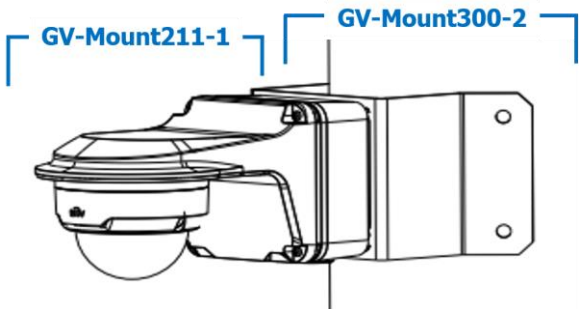
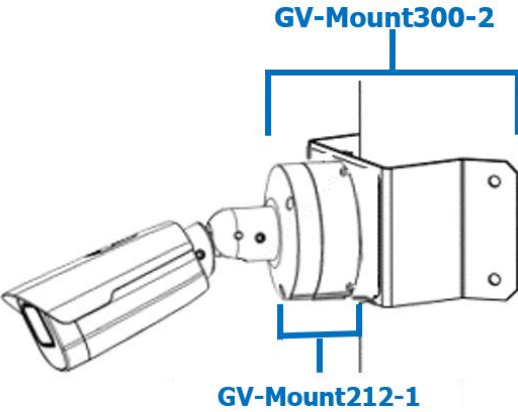
GV-PoE Switch

GV-PoE Switch is designed to provide power along with network connection for IP devices. GV-PoE Switch is available in various models with different numbers and types of ports.

Power Adapter

Contact our sales representatives for the countries and areas supported.

Mounting Type

Wall Mount with Junction Box GV-Mount211-1	Pole Mount GV-Mount211-1 + GV-Mount440-1
	
Convex Corner Mount GV-Mount300-2	Concave Corner Mount GV-Mount310-2
	
Convex / Concave Corner Mount GV-Mount211P / 211-1 + GV-Mount300-2 / 310-2	Convex / Concave Corner Mount GV-Mount212P / 212-1 + GV-Mount300-2 / 310-2
	

Wall / Ceiling Box Mount	Pendant Mount	Pendant Mount with Extension Tube
GV-Mount212-1	GV-Mount212-1 + GV-Mount107	GV-Mount212-1 + GV-Mount704 + GV-Mount107
