

GV-EBD2704 2MP H.265 Low Lux WDR Pro IR Eyeball IP Dome



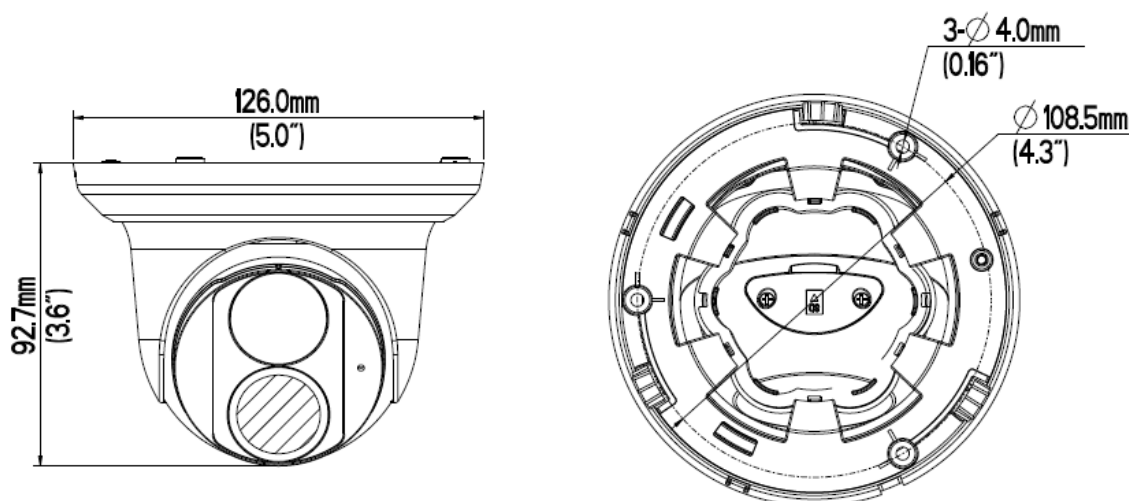
- 1/2.7" progressive scan low lux CMOS sensor
- Min. illumination at 0.01 lux
- Dual streams from H.265, H.264 or MJPEG
- Up to 30 fps at 1920 x 1080
- Day and night function (with removable IR-cut filter)
- 3-axis mechanism (pan / tilt / rotate)
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Built-in 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
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T) conformant

***No memory card slots & local storage function for Argentina**

Introduction

EBD2704 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					
Image Sensor		1/2.7" progressive scan low lux 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		52 dB			
WDR Pro		Yes			
Dynamic Range		Up to 120 dB			
Lens					
Megapixel		Yes			
Day / Night		Yes (with removable IR-cut filter)			
Lens Type		Fixed			
Focal Length		2.8 mm			
Maximum Aperture		F/2.0			
Mount		M12			
FOV	Horizontal	113°			
	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	Observe	Recognize	Identify
Lens	2.8 mm	42 m (137.8 ft)	16.8 m (55.1 ft)	8.4 m (27.6 ft)	4.2 m (13.8 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, 704 x 288, 640 x 480, 640 x 360 (Default), 352 x 288			
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		40 Mbps			
Maximum stream *When the total bitrate is within the maximum throughput		6			
Video Analytics		Motion Detection, Tampering Alarm, Audio Detection, Crossing line, Intrusion *Tampering Alarm, Audio Detection, Cross Line, and 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, Contrast, Saturation, 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		802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)			
Mechanical					
Temperature Detector		No			
Camera Angle Adjustment	Pan	0° ~ 360°			
	Tilt	0° ~ 90°			
	Rotate	0° ~ 360			

Connectors	Power	DC Jack (DC 12 V, 1.25 A), PoE
	Ethernet	RJ-45 connector
	Audio	1 In (built-in microphone)
	Local Storage	microSD card slot (SD / SDHC / SDXC), up to 512 GB
General		
Operating Temperature		-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Humidity		10% ~ 90% (no condensation)
Power Source		12 V 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 (V17.4.1 / V18.2.1 or later), GV-DVR / NVR (V8.9.1 or later), GV-Control Center (V3.8.0 or later), GV-Recording Server / Video Gateway (V1.4.0 or later), GV-Edge Recording Manager Win version (V2.0.0 or later), GV-Redundant / Failover Server (V1.1.0 or later), GV-Mobile Server (V1.5.1 or later)
Live Viewing		Browser (IE, Edge, Chrome, Firefox, Safari), Mobile App

Note:

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

Packing List

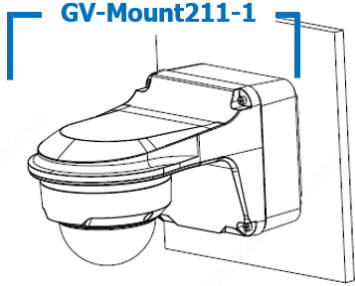
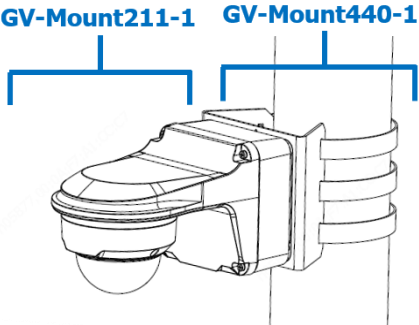
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|----------------------------|--------------------------|
| 1. GV-EBD2704 Eyeball Dome | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Download Guide |
| 3. Screw kit | 6. Warranty Card |

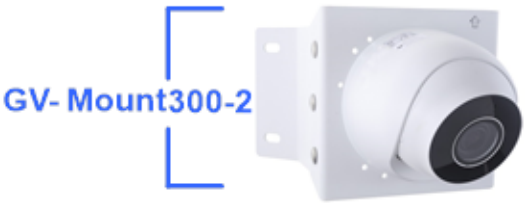
Accessories

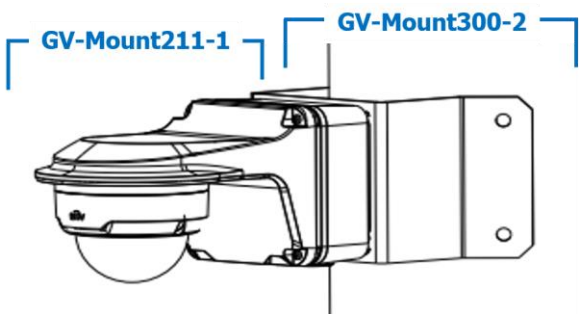
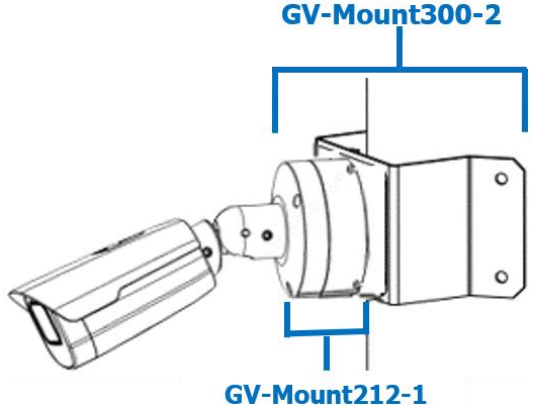
Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount212P or GV-Mount212-1)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72" x 13.15") Weight: 0.74 kg (1.63 lb)
GV-Mount211P	Wall Mount and Junction Box		Dimensions: Ø 233 x 125 x 125 mm (Ø 9.2" x 4.9" x 4.9") Weight: 1 kg (2.2 lb)
GV-Mount211-1	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-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-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
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 GV-Mount212-1	Pendant Mount GV-Mount212-1 + GV-Mount107	Pendant Mount with Extension Tube GV-Mount212-1 + GV-Mount704 + GV-Mount107
