

## GV-EBD8711 8MP H.265 4.3x Zoom Super Low Lux WDR Pro IR Eyeball IP Dome



- 1/2" progressive scan super low lux CMOS sensor
- Min. illumination at 0.003 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 20 fps at 3840 x 2160,  
30 fps at 2944 x 1656 / 2592 x 1944 / 2560 x 1440
- Motorized varifocal lens for remote focus / zoom adjustment
- 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
- Day and night function (with removable IR-cut filter)
- 3-axis mechanism (pan / tilt / rotate)
- Ingress protection (IP67)
- Vandal resistance (IK10 for metal casing)
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- ONVIF (Profile G, S, T) conformant

### Introduction

The H.265 Target Eyeball Dome is an outdoor, network camera equipped with an automatic IR-cut filter and 2 IR LEDs for day and night surveillance. With its motorized lens, the user can zoom and focus the camera from the Web interface. 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. The camera is capable of providing a color live view not only in near darkness but also under contrasting light intensities with its super low lux CMOS image sensor and WDR pro.

### Active Tampering Alarm

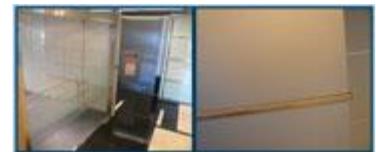
Tampered



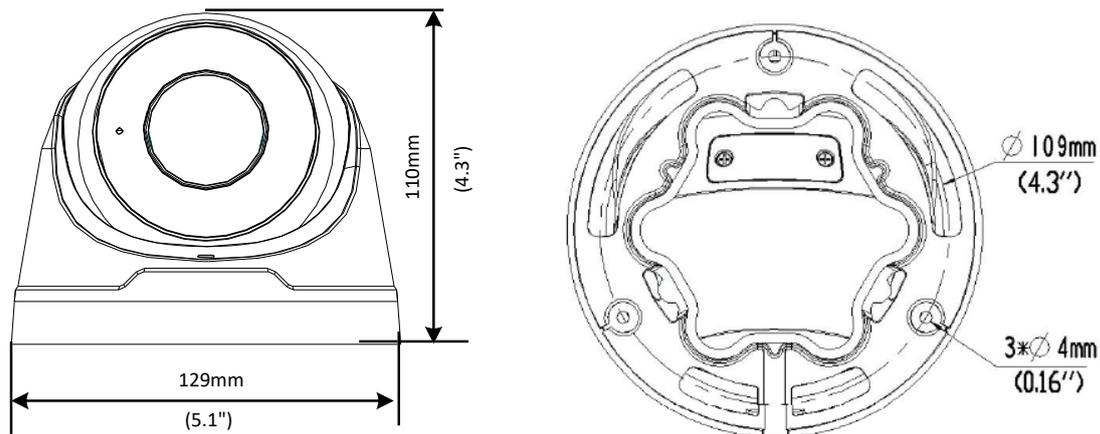
Focus Change



Camera Shift



## Dimensions



## Specifications

Camera		
Image Sensor	1/2" progressive scan super low lux CMOS	
Picture Elements	3840 (H) x 2160 (V)	
Minimum Illumination	Color	0.003 Lux (F1.5, AGC ON)
	IR ON	0 Lux
Shutter Speed	Auto / Manual (1/6 ~ 1/100000 sec)	
White Balance	Auto / Manual	
Gain Control	Auto / Manual	
S/N Ratio	52 dB	
WDR	WDR Pro	
Dynamic Range	120 dB	
Lens		
Megapixel	8 MP	
Day / Night	Yes (with removable IR-cut filter)	
Lens Type	Motorized varifocal lens	
Focal Length	2.8 ~ 12 mm	
Maximum Aperture	F/1.5	
Mount	Ø 12 mm	
Horizontal FOV	114.8° ~ 47.3°	
Operation	Focus	Auto / Manual
	Zoom	4.3x Optical Zoom
	Iris	Fixed
IR LED Quantity	2 IR LEDs	
Max. IR Distance	30 m (100 ft)	
Operation		
Video Compression	H.265, H.264, MJPEG	
Video Streaming	Triple streams	
Frame Rate	20 fps at 3840 x 2160, 30 fps at 2944 x 1656 / 2592 x 1944 / 2560 x 1440 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).	
Video Analytics	Motion Detection, Tampering Alarm, Audio Detection, Cross Line, Intrusion, Object Moving, Object Left, Defocus, Scene Change, Face Detection, People Counting *Tampering Alarm, Audio Detection, Cross Line, Intrusion, Object Moving, Object Left, Defocus, Scene Change, Face Detection and People Counting 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	

Video Resolution		
Main Stream		3840 x 2160 (Default), 2944 x 1656, 2592 x 1944, 2560 x 1440, 1920 x 1080
Sub Stream		1920 x 1080, 1280 x 720, 720 x 576, 704 x 288, 640 x 360 (Default), 352 x 288
Third Stream (Closed by Default)		720 x 576, 704 x 288, 640 x 360, 352 x 288
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		
Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	0° ~ 75°
	Rotate	0° ~ 360°
Connectors	Power	DC Jack (DC 12V, 1.25A), PoE
	Ethernet	RJ-45
	Audio	1 In (built-in microphone)
	Local Storage	Micro SD card slot (SD/SDHC/SDXC/UHS-I, Class 10) *UHS-II card types are not supported.
General		
Environment Temperature	Start-up	-40°C ~ 60°C (-40°F ~ 140°F)
	Operation	
Humidity		0% ~ 95% (no condensation)
Power Source		12V DC / PoE (IEEE802.3af)
Max. Power Consumption		8.16W
Dimensions		∅ 129 x 110 mm (∅5.08" x 4.3")
Weight		0.67 kg (1.48 lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		CE, FCC, RoHS compliant
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or Utility
Access from Web Browser		Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Defog, Digital Zoom, Text Overlay, Image Masking
Language		Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese
Applications		
Software Supported		GV-DVR / NVR (V8.7.4.0), GV-VMS (V17.1), GV-Control Center (V3.5.0.0), GV-Recording Server / Video Gateway (V1.4.0.0), GV-Redundant / Failover Server (V1.1.0.0)
Smart Device Access		GV-Eye for iOS and Android
Live Viewing		Browser (IE, Edge, Chrome, Firefox, Safari), Mobile App

**Note:**

1. It is required to apply patch files to all the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

**Packing List**

- |                              |                          |
|------------------------------|--------------------------|
| 1. H.265 Target 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)	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-Mount212P	Wall Box Mount		Dimensions: Ø 126 x 36 mm (Ø 5.0" x 1.4") Weight: 0.22 kg (0.48 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-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	Power over Ethernet (PoE) Adapter		The 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	The GV-POE Switch is designed to provide power along with network connection for IP devices. The 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.		