

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



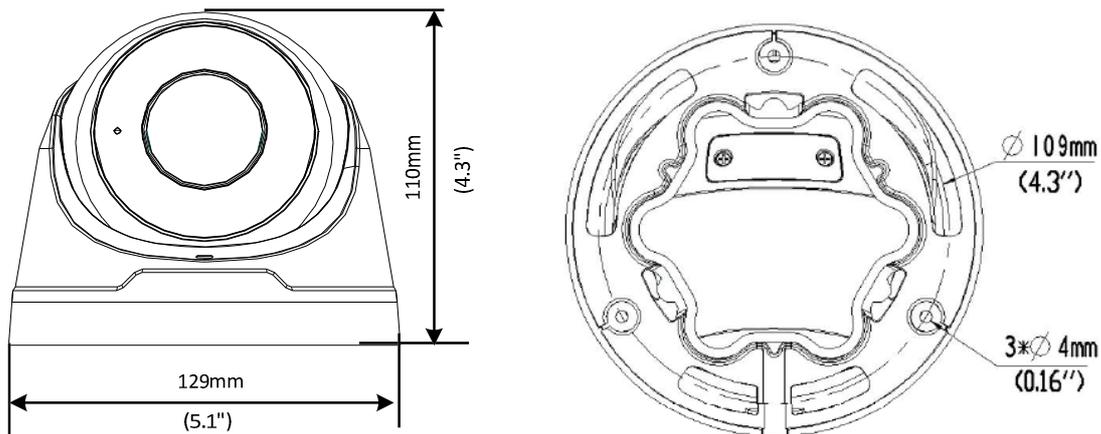
Focus Change



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 | |
| 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 | Ø 129 x 110 mm (Ø5.08" 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 126 x 126 mm (Ø 9.2" x 5" x 5") 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. | | |