

Chapter 1 Introduction

1.1 GV-EBD Series

The H.265 Target Eyeball Dome is an outdoor, network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera adheres to IP67 standards for dust / water protection and supports H.265 video codec to achieve better compression ratio while maintaining high quality image at reduced network bandwidths. With its WDR Pro (WDR for GV-EBD2702), It can process scenes with contrasting intensity of lights and produce clear image.

For **GV-EBD4711 / 4712 / 8711**, with their motorized lenses, the user can zoom and focus the camera from the Web interface. The camera also provides built-in micro SD card slot for local storage.

Model No.	Specifications	Description
GV-EBD2702	Fixed lens	2 MP, H.265, Low Lux, WDR
GV-EBD4700		4 MP, H.265, Super Low Lux, WDR Pro
GV-EBD4701		8 MP, H.265, Low Lux, WDR Pro
GV-EBD8700		8 MP, H.265, Low Lux, WDR Pro
GV-EBD4711	Motorized varifocal lens	4 MP, H.265, Super Low Lux, WDR Pro
GV-EBD4712		8 MP, H.265, Super Low Lux, WDR Pro
GV-EBD8711		8 MP, H.265, Super Low Lux, WDR Pro

1.1.1 Packing List

- H.265 Target Eyeball Dome
- Screw Kit
- Drill Template Paster











- Waterproof Rubber Set
- Download Guide
- Warranty Card



1.1.2 Optional Accessories

Optional accessories can expand the capabilities and versatility of your camera. Contact your dealer for more information.

Model Number	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: 233 x 126 x 126 mm (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)

<p>GV-Mount300-2</p>	<p>Convex Corner Mount</p> 	<p>Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)</p>
<p>GV-Mount310-2</p>	<p>Concave Corner Mount</p> 	<p>Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)</p>
<p>GV-Mount420 (must be used with GV-Mount211P)</p>	<p>Pole Mount Bracket</p> 	<p>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")</p>
<p>GV-Mount704 (must be used with GV-Mount107)</p>	<p>Extension Tube</p> 	<p>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)</p>
<p>GV-PA191</p>	<p>Power over Ethernet (PoE) Adapter</p> 	<p>GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.</p>
<p>GV-POE Switch</p>	<p>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.</p>	
<p>Power Adapter</p>	<p>Contact our sales representatives for the countries and areas supported.</p>	

1.1.3 Overview

1.1.3.1 GV-EBD2702 / 4700 / 4701 / 8700

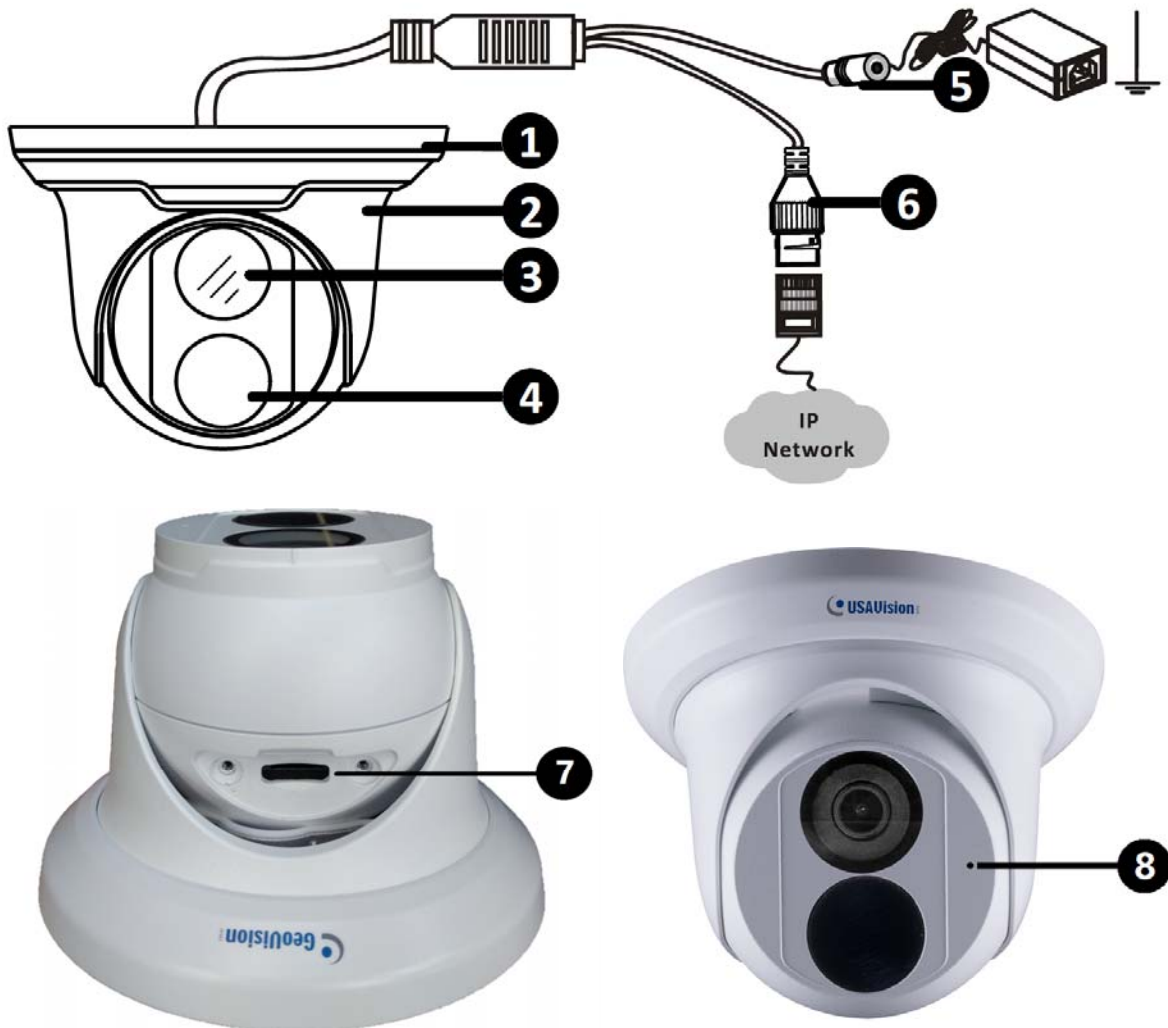


Figure 1-1

No.	Description
1	Bottom ring
2	Housing
3	Lens
4	Infrared indicator
5	Power connector (DC 12 V)
6	Ethernet connector / PoE
7	Micro SD card slot (GV-EBD4701 only)
8	Microphone (GV-EBD4701 only)

1.1.3.2 GV-EBD4711 / 4712 / 8711

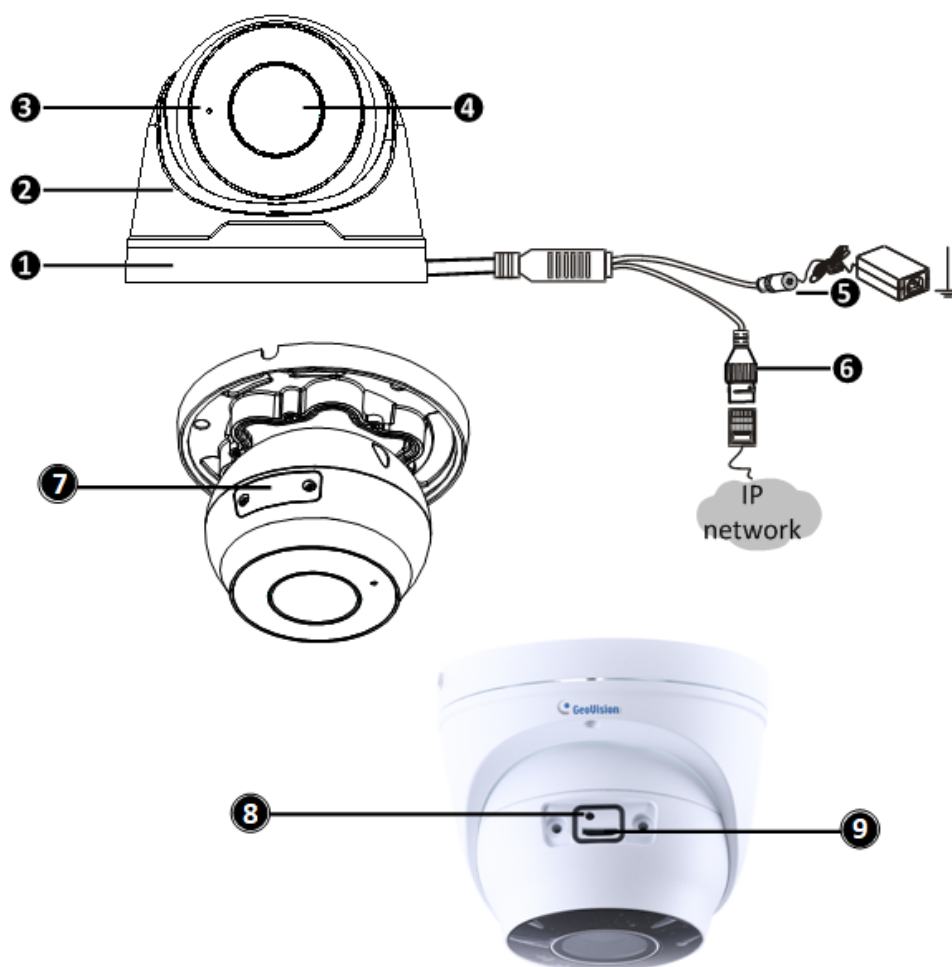


Figure 1-2

No.	Description
1	Bottom ring
2	Housing
3	Microphone
4	Lens
5	Power connector (DC 12 V)
6	Ethernet connector / PoE
7	Micro SD card slot and default button compartment
8	Default button
9	Micro SD card slot

Note: If the default button doesn't respond after pressing for 15 seconds, reboot the camera and try again within 10 minutes of rebooting.

4.1.1 Using the Web Interface

Log into the Web interface and follow the steps below to update the firmware.

1. At the top, click **Setup**.
2. In the left menu, select **System** and select **Maintenance**. This page appears.

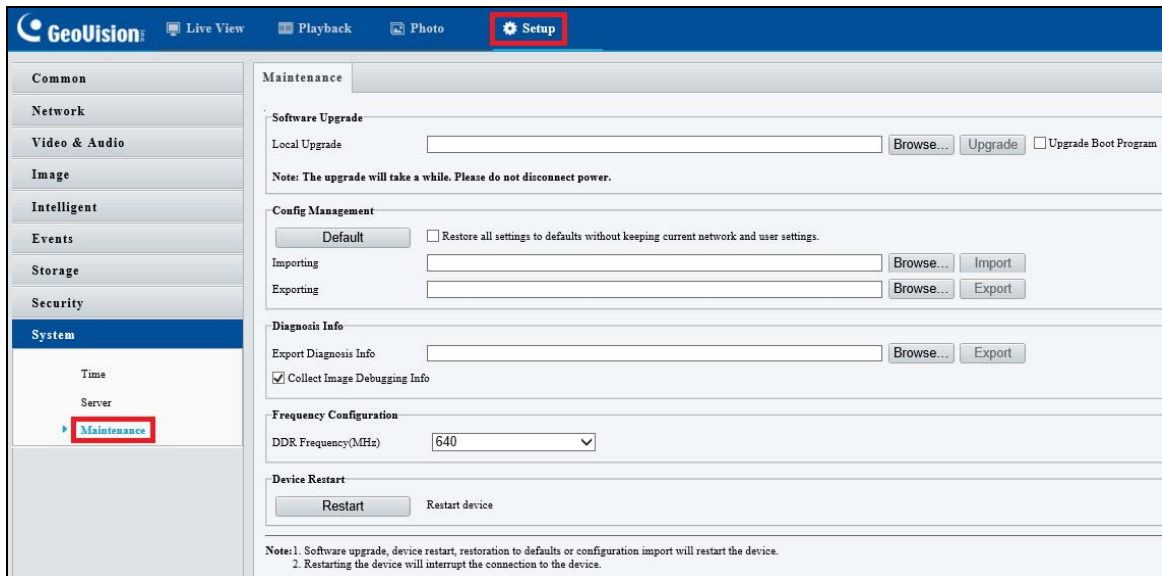


Figure 4-1

3. Click **Browse** under **Software Upgrade** to locate the firmware file (.zip) saved at your local computer.
4. Click **Upgrade** to process the upgrade.