

GV-A/T/EBD Series IP Camera Mount

Installation Guide

- GV-Mount107
- GV-Mount113
- GV-Mount114
- GV-Mount208-5
- GV-Mount210-3
- GV-Mount211P / 211-1 / 211-2 / 211-3 / 211-12 / 211-16
- GV-Mount212P / 212-1 / 212-2 / 213
- GV-Mount300-2 / 310-2
- GV-Mount312 / 312-1
- GV-Mount313
- GV-Mount420 / 440 / 440-1
- GV-Mount480
- GV-Mount502
- GV-Mount503 / 503-1
- GV-Mount504
- GV-Mount511
- GV-Mount606
- GV-Mount704
- GV-Mount924

Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

ATEBDSERIES-MI-E



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August 2025

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Preface

Welcome to the *GV-A/T/EBD Series IP Camera Mount Installation Guide*.

This Installation Guide is designed for the following models:

Model	Model Number
IR Eyeball Dome	GV-EBD2702 / 2704 / 2705
	GV-EBD4700 / 4701 / 4704 / 4711 / 4712 / 4813
	GV-EBD8700 / 8711 / 8800 / 8813
	GV-EBFC5800
Bullet IP Camera	GV-ABL2701 Series / 2702 / 2703 Series
	GV-ABL4701 Series / 4703 / 4711 / 4712
	GV-ABL8712
	GV-TBL2703 Series / 2705 / 2706 / 2718 / 4700 / 4703 / 4705 / 4710 / 4711 / 4807 / 4810
	GV-TBL8710 / 8804 / 8810
	GV-BLFC5800
Mini Fixed IP Dome	GV-TFD4700 / 4800
Mini Fixed Rugged IP Dome	GV-ADR2701 / 2702
	GV-ADR4701 / 4702
	GV-TDR2700 Series / 2702 / 2704 Series / 2705
	GV-TDR4700 Series / 4702 Series / 4703 / 4704 Series / 4803 Series
	GV-TDR8805
Multi-Sensor IP Camera	GV-TMS8800 / 20811
Panoramic IP Camera	GV-TBLP5800 / 8800
	GV-EBDP5800 / 8800
Vandal Proof IP Dome	GV-AVD2700
	GV-AVD4710
	GV-AVD8710
	GV-TVD2712 / 4700 / 4710 / 4711 / 4810 / 4811
	GV-TVD8710 / 8810
IR Fisheye Rugged IP Camera	GV-FER5702
IR Mini PTZ Camera	GV-PTZ5810-IR

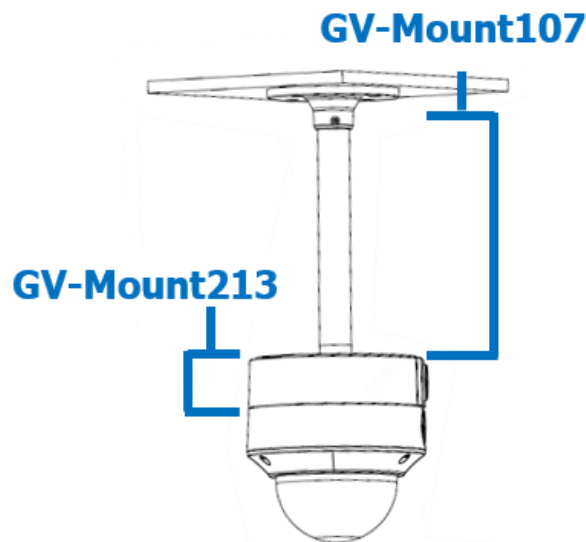
Chapter 1 Installing Eyeball / Dome / Fisheye / PTZ Camera

1.1 Pendant Mounting

1.1.1 Pendant Mounting with GV-Mount107

The mounting requires GV-Mount107 and GV-Mount212P / 212-1 / 212-2 / 213. GV-Mount212P / 212-1 are used with eyeball domes, vandal proof domes, fisheye cameras, and PTZ cameras; GV-Mount212-2 is for vandal proof domes; while GV-Mount213 is for eyeball domes and fixed domes.

The following illustration uses GV-Mount107 and GV-Mount213 as an example.



GV-Mount107 Packing List

1. GV-Mount107 Pendant Bracket	2. Pendant Tube
3. Tube Connector	4. Torx Wrench

Applicable Models

Must be used with GV-Mount212P / 212-1:

Eyeball Dome

- GV-EBD2702 / 2704 / 2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813
- GV-EBFC5800

Vandal Proof Dome

- GV-TVD2712 / 4711 / 4811

Fisheye Camera

- GV-FER5702

PTZ Camera

- GV-PTZ5810-IR

Must be used with GV-Mount212-2:

Vandal Proof Dome

- GV-AVD2700 / 4710 / 8710
- GV-TVD4700 / 4710 / 4810 / 8710 / 8810

Must be used with GV-Mount213:

Eyeball Dome

- GV-EBDP5800 / 8800

Fixed Dome

- GV-ADR2701 / 2702 / 4701 / 4702
- GV-TDR2700 / 2702 / 2704 / 2705 / 4700 / 4702 / 4703 / 4704 / 4803 / 8805
- GV-TFD4700 / 4800

Note: Before installing GV-Mount107, note the following:

- Install your camera on GV-Mount212P / 212-1 / 212-2 / 213 by cutting a hole in the center of the mount and thread the camera wires through.



- Prepare 3 long screws for securing the Pendant Bracket to the ceiling.
 - GV-Mount107 optionally extends with GV-Mount704.
-

GV-Mount107 + GV-Mount212P / 212-1 / 212-2 / 213 Installation

1. Place GV-Mount107 on the ceiling and mark the location for the center socket and the 3 screws.
2. Drill the marks and secure the Pendant Bracket onto the ceiling.



3. Attach one end of the Pendant Tube to the Pendant Bracket, and the other end to the Tube Connector.
4. Connect the wires from the ceiling to the camera through the Pendant Tube.



5. Push and arrange the connected wires inside GV-Mount212P / 212-1 / 212-2 / 213.
6. Secure the camera onto the Tube Connector.

1.2 Wall Mounting

1.2.1 Wall Mounting with GV-Mount211P / 211-1

The mounting requires GV-Mount211P / 211-1.

The following illustration uses GV-Mount211P as an example.



GV-Mount211P / 211-1 Packing List

1. GV-Mount211P / 211-1 Wall Mount and Junction Box	2. Long Screw x 5
3. Short Screw x 4	4. Screw Anchor x 5
5. Plastic PG21 Conduit Connector	6. Drill Template Paster

Applicable Models

Eyeball Dome

- GV-EBD2702 / 2704 / 2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813
- GV-EBDP5800 / 8800
- GV-EBFC5800

Fixed Dome

- GV-ADR2701 / 2702 / 4701 / 4702
- GV-TDR2700 / 2702 / 2704 / 2705 / 4700 / 4702 / 4703 / 4704 / 4803 / 8805
- GV-TFD4700 / 4800

Vandal-Proof Dome

- GV-TVD2712 / 4711 / 4811

PTZ Camera

- GV-PTZ5810-IR

GV-Mount211P / 211-1 Installation

1. Unscrew the bracket.



2. Loosen the indicated area by turning it anticlockwise.

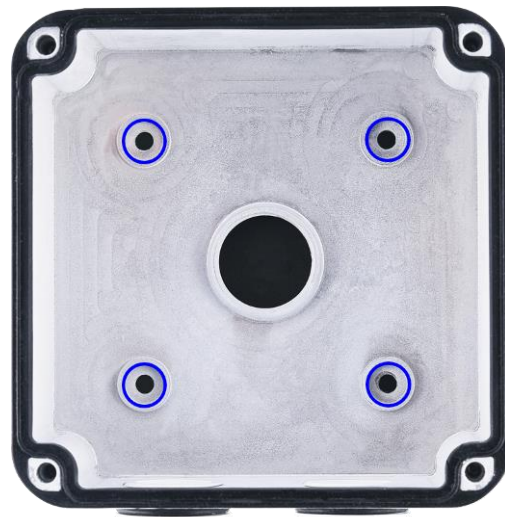


3. Stick the drill template paster to the wall with the arrow pointing up.
4. Drill 4 holes according to the sticker and insert the 4 screw anchors to the 4 holes. Note that the hole positions may vary by model.
5. Secure the power box to the wall with 4 long screws.

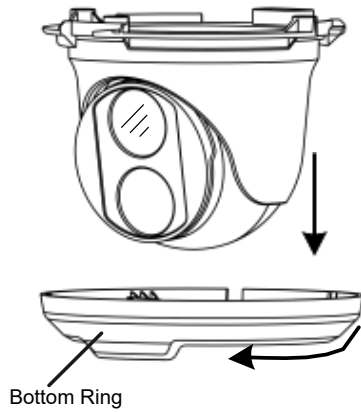
GV-Mount211P



GV-Mount211-1



6. Remove the bottom ring by turning it anticlockwise.



7. Secure the camera to the wall mount bracket with the provided short screws according to the screw position for each model:

**GV-EBD2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813, and
GV-EBFC5800**



GV-EBDP5800 / 8800



GV-EBD2702 / 2704



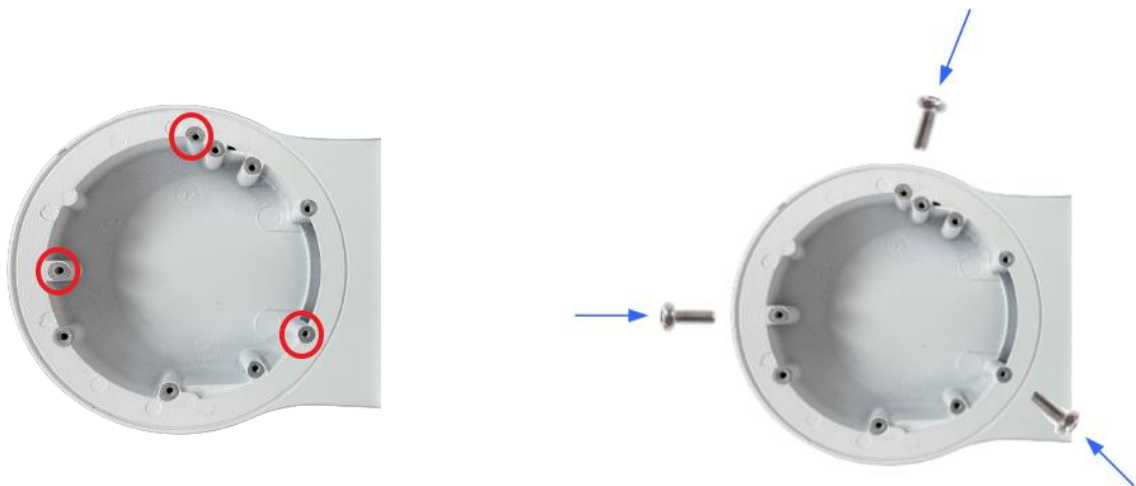
GV-ADR2701 / 4701



**GV-ADR2702 / ADR4702 / TDR2700 / TDR2702 / TDR2704 / TDR4700 / TDR4702 /
TDR4703 / TDR4704 / TDR4803 / TDR8805**

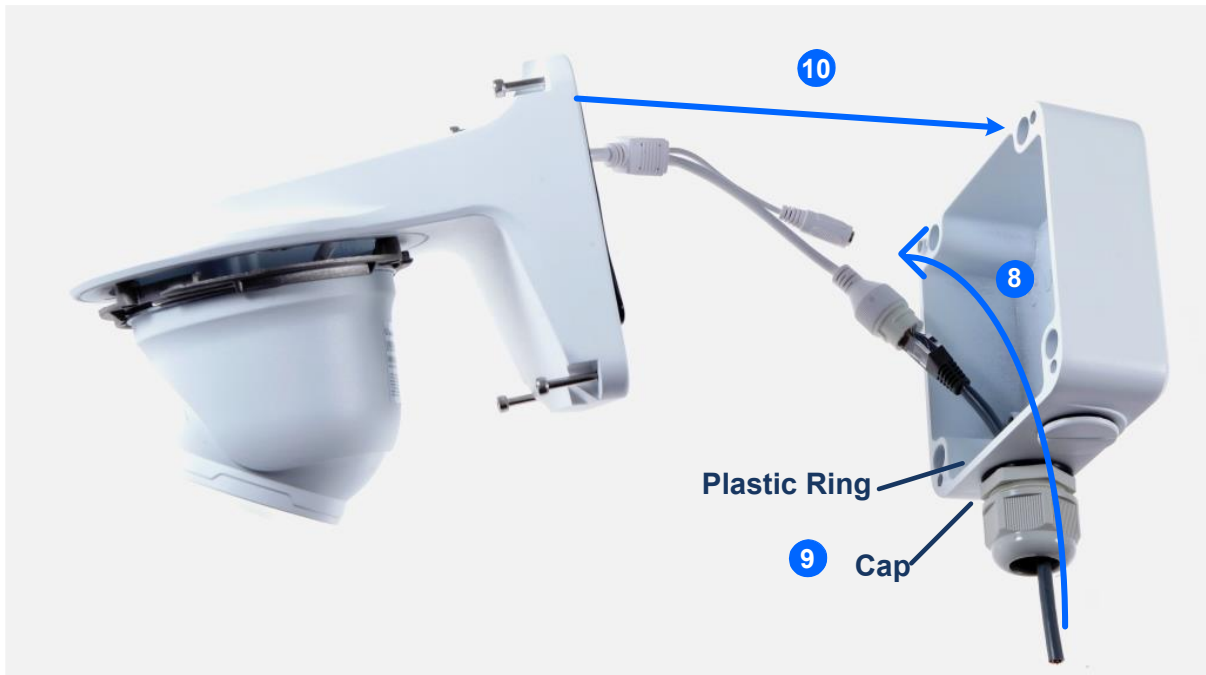


GV-TVD4711 / TVD4811



8. Thread the Ethernet cable through the PG21 conduit connector and the power box as shown in No. 8, *Step 10*. Then connect the cable to the camera.
9. Rotate the plastic ring to secure the conduit connector to the power box. Screw in the cap as shown in No. 9, *Step 10*.

10. Screw the wall mount bracket to the power box as shown in No. 10 in the figure below.



11. Mount the bottom ring.



1.2.2 Wall Mounting with GV-Mount211-2 / 211-3

The mounting requires GV-Mount211-2 / 211-3.

The following illustration uses GV-Mount211-2 as an example.



GV-Mount211-2 / 211-3 Packing List

1. GV-Mount211-2 / 211-3 Wall Mount and Junction Box	2. Long Screw x 5
3. Short Screw x 4	4. Screw Anchor x 5
5. Plastic PG21 Conduit Connector	6. Drill Template Paster

Applicable Models

Vandal Proof Dome

- GV-AVD2700 / 4710 / 8710
- GV-TVD4700 / 4710 / 4810 / 8710 / 8810

GV-Mount211-2 / 211-3 Installation

1. Unscrew the bracket.



2. Loosen the indicated area by turning it anticlockwise.

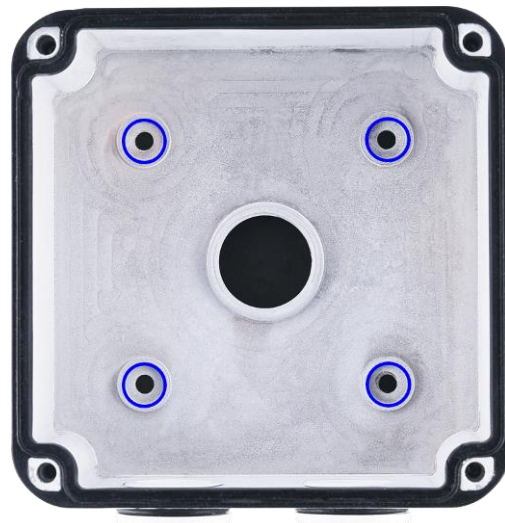


3. Stick the drill template paster to the wall with the arrow pointing up.
4. Drill 4 holes according to the sticker and insert the 4 screw anchors to the 4 holes. Note that the hole positions may vary by model.
5. Secure the power box to the wall with 4 long screws.

GV-Mount211-2



GV-Mount211-3



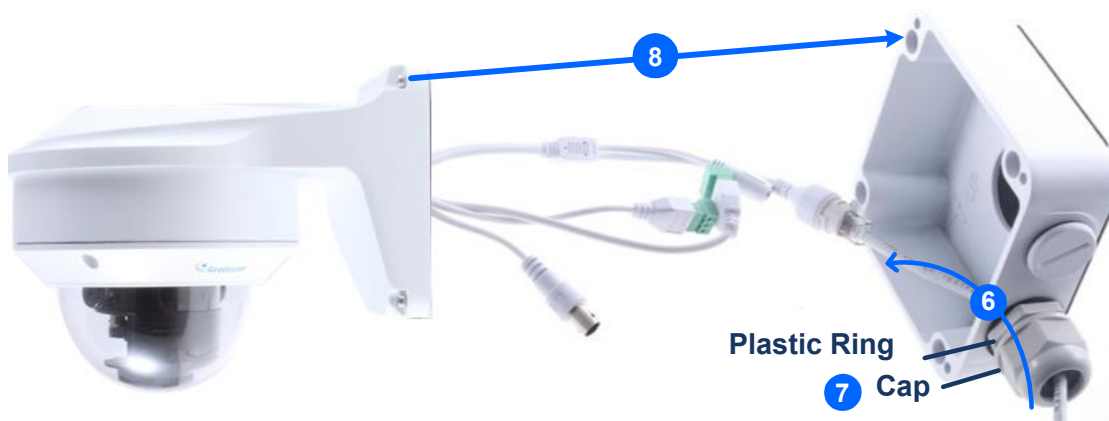
6. Unscrew the transparent dome cover with the supplied torx wrench.



7. Optionally insert an SD card into the slot.
8. Thread the camera cables through the bracket.
9. Secure the camera to the wall mount bracket with the provided short screws.



10. Thread the Ethernet cable through the PG21 conduit connector and the power box, as shown in No. 6 in the figure in Step 8. Then connect the cable to the camera.
11. Rotate the plastic ring to secure the conduit connector to the power box. Screw in the cap shown in No. 7 in the figure in Step 8.
12. Screw the wall mount bracket to the power box, as shown in No. 8 in the figure below.



1.3 Wall / Ceiling Box Mounting

1.3.1 Wall / Ceiling Box Mounting with GV-Mount212P / 212-1 / 212-2 / 213

The mounting requires GV-Mount212P, GV-Mount212-1, GV-Mount212-2, or GV-Mount213.

The following illustration uses GV-Mount213 as an example.



GV-Mount212P / 212-1 / 212-2 / 213 Packing List

1. GV-Mount212P / 212-1 / 212-2 / 213 Wall Box Mount	2. Long Screw x 3
3. Short Screw x 3	4. Screw Anchor x 3

Applicable Models

GV-Mount212P / 212-1:

Eyeball Dome

- GV-EBD2702 / 2704 / 2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813
- GV-EBFC5800

Vandal Proof Dome

- GV-TVD2712 / 4711 / 4811

Fisheye Camera

- GV-FER5702

PTZ Camera

- GV-PTZ5810-IR

GV-Mount212-2:

Vandal Proof Dome

- GV-AVD2700 / 4710 / 8710
- GV-TVD4700 / 4710 / 4810 / 8710 / 8810

GV-Mount213:

Eyeball Dome

- GV-EBDP5800 / 8800

Fixed Dome

- GV-ADR2701 / 2702 / 4701 / 4702
- GV-TDR2700 / 2702 / 2704 / 2705 / 4700 / 4702 / 4703 / 4704 / 4803 / 8805
- GV-TFD4700 / 4800

GV-Mount212P / 212-1 / 212-2 / 213 Installation

1. Attach the GV-Mount to the wall / ceiling and use a marker to mark the location for the center socket and the 3 screws.



Note: To prevent rain from getting into the fixed dome cameras,

- For ceiling mount installation, turn the indicated hole inwards.
 - For wall mount installation, make sure the indicated hole points down and towards the ground.
-

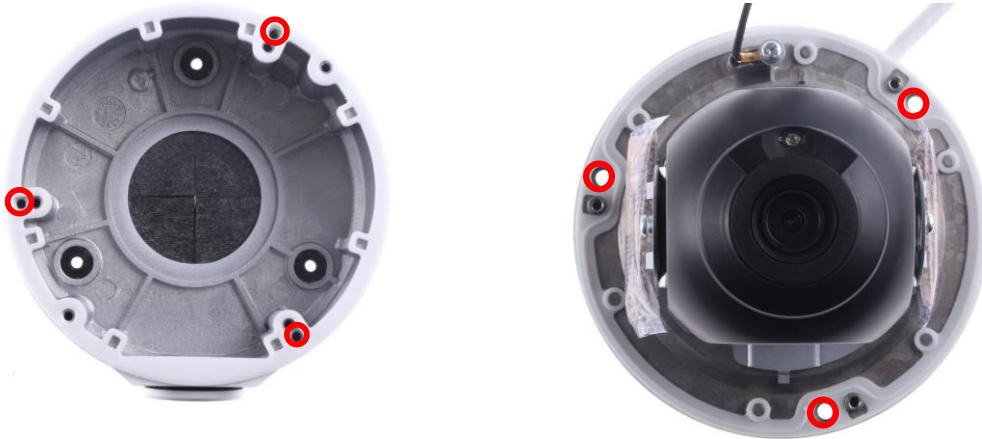


2. Drill 3 holes according to the screw locations. Then, drill a bigger hole at the center socket location for the Ethernet cable.
3. Insert 3 screw anchors to the screw locations and secure the GV-Mount to the wall / ceiling with 3 long screws.
4. Thread the Ethernet cable through the center socket and waterproof the Ethernet cable. For details, see *1.10 Waterproofing the Cable* in the User's Manual.



5. Fit the cable into the GV-Mount.
6. For fixed domes and vandal proof domes, unscrew the transparent dome cover with the supplied torx wrench.
7. Secure the camera by locking the provided short screws to the screw position for each model:

GV-ADR2701 / 4701



**GV-ADR2702 / ADR4702 / TDR2700 / TDR2702 / TDR2704 / TDR4700 / TDR4702 /
TDR4703 / TDR4704 / TDR4803 / TDR8805**



GV-EBD2702 / 2704

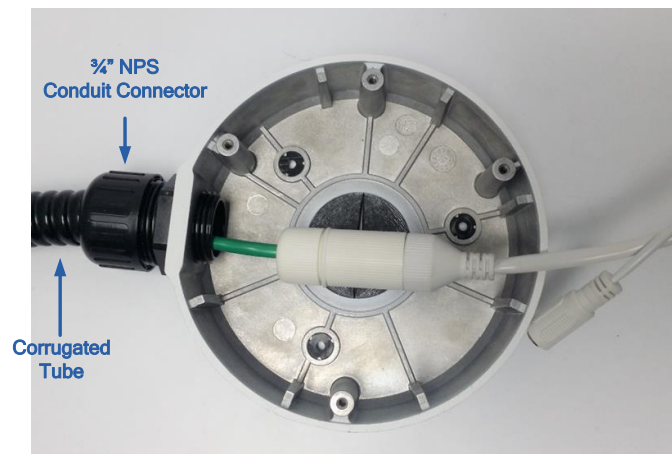


GV-EBD2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813
and GV-EBFC5800



8. Secure the camera cover.

Note: In addition to the abovementioned standard installation, you can also choose to run the Ethernet cable through a corrugated tube. To do this, you will have to purchase your own conduit connector and corrugated tube. 3/4" NPS is the recommended type of connector. After you secure the wall box to the desired location, remove the knob at the bottom and connect the conduit connector with a self-prepared corrugated tube to the wall box. Then, thread the Ethernet cable through the corrugated tube and waterproof the cable.



1.4 Corner Mounting

1.4.1 Corner Mounting with GV-Mount300-2 / 310-2

You can install GV-Mount300-2 / 310-2 directly onto the camera.

GV-Mount300-2 is for convex corner mounting, while GV-Mount310-2 is for concave corner installation.



GV-Mount300-2 / 310-2 Packing List

1. GV-Mount300-2 / 310-2 Corner Mount	2. Convex / Concave Mounting Plate x 2
3. Carriage Bolt x 6	4. 1/4" Plain Washer x 6
5. 1/4" Flange Nut x 6	6. M4 Screw (25 mm) x 4
7. M4 Plain Washer x 4	8. M4 Flange Nut x 4
9. M3 Screw (15 mm) x 4	10. M3 Plain Washer x 4
11. M3 Flange Nut x 4	

Applicable Models

Can be directly installed onto the camera:

Eyeball Dome

- GV-EBD2702 / 2704 / 2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813
- GV-EBFC5800

Fixed Dome

- GV-ADR2701 / 2702 / 4701 / 4702
- GV-TDR2700 / 2702 / 2704 / 2705 / 4700 / 4702 / 4703 / 4704 / 4803 / 8805
- GV-TFD4700 / 4800

Vandal Proof Dome

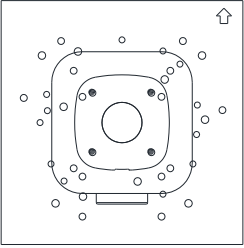
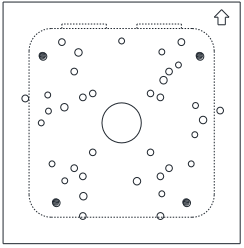
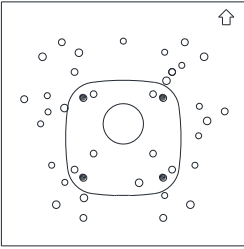
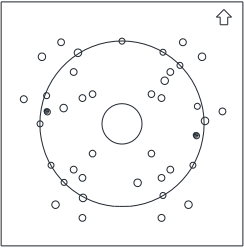
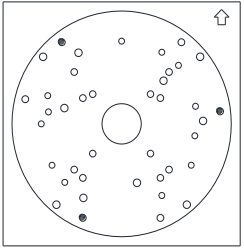
- GV-AVD2700 / 4710 / 8710
- GV-TVD4700 / 4710 / 4711 / 4810 / 4811 / 8710 / 8810

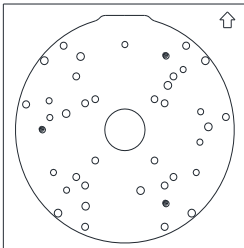
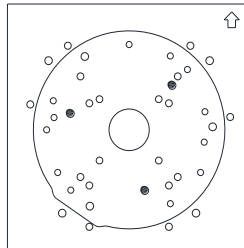
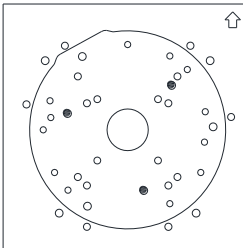
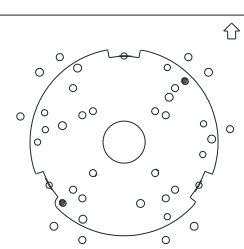
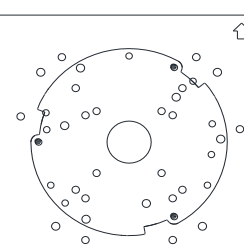
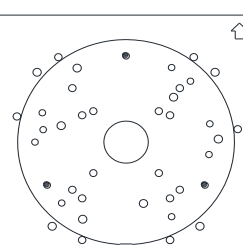
PTZ Camera

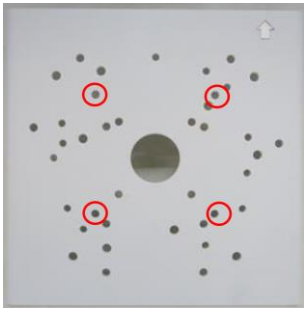
- GV-PTZ5810-IR

GV-Mount300-2 / 310-2 Installation

1. Assemble the GV-Mount300-2 / 310-2, by attaching the two mounting plates onto the mounting bracket with the supplied carriage bolts, 1/4" plain washers, and 1/4" flange nuts.
2. Thread the camera wires through the hole in the center of the mounting bracket.
3. Position the base of your camera according to the *Screw Position Chart* below.

	Screws:M4*25 GV-Mount502 GV-TBL2703/4703 GV-ABL2701/4701/2703/4703	Screws:M4*25 GV-Mount503 GV-Mount211P GV-Mount211-2
		
		
Screws:M4*25 GV-ABL2702/4711/4712/8712 GV-TBL4700/4710/4711/4810 /8710/8810	Screws:M3*15 GV-ADR2702/4702 GV-TFD4700 GV-TDR2700/2702/2704/4700/ 4702/4703/4704/4803	GV-AVD2700/4710/8710 GV-TVD4700/4710/4711/4810/8710/8810

Screws:M4*25 GV-Mount212-2	Screws:M4*25 GV-Mount212P	Screws:M4*25 GV-Mount213
		
		
Screws:M3*15 GV-EBD2702/2704	Screws:M3*15 GV-EBD4700/4701/4704/8700/8800	Screws:M3*15 GV-EBD4711/4712/4813/8711/8813

GV-BLFC5800:

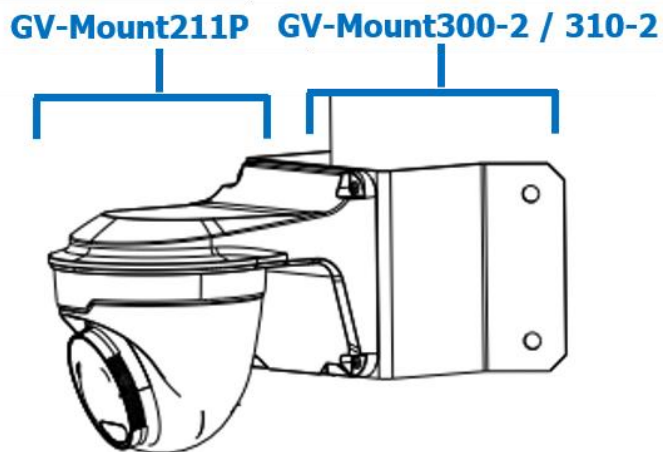
4. Attach the camera onto the mounting bracket.
 - A. For **GV-EBD2702 / 2704 / 4700 / 4701 / 4704 / 8700 / 8800 and GV-EBFC5800**
Remove the camera housing and attach the camera base to the mounting bracket with the supplied M3 screws, washers, and flange nuts. See similar installation in Steps 3 to 6, *1.1.4.1 GV-EBD2702 / 2704 / 2705 / 4700 / 4701 / 4704 / 8700 / 8800 and GV-EBFC5800* in the User's Manual.
 - B. For **GV-EBD4711 / 4712 / 4813 / 8711 / 8813, GV-EBDP5800 / 8800, GV-PTZ5810-IR**
Remove the camera housing and attach the camera base to the mounting bracket with the supplied M3 screws, washers, and flange nuts. See similar installation in Steps 3 to 6, *1.1.4.2 GV-EBD4711 / 4712 / 4813 / 8711 / 8813, GV-EBDP5800 / 8800* in the User's Manual.
 - C. For **GV-ABL / TBL Series & GV-BLFC5800** (Not applicable to **GV-TBL2705 / 4705 / 8804**)
Attach the camera to the mounting bracket with the supplied M4 screws, washers, and flange nuts.
 - D. For **GV-ADR2702 / 4702 / GV-TDR Series / GV-TFD4700 / 4800**
Attach the camera to the mounting bracket with the supplied M3 screws, washers, and flange nuts. Close and secure the camera housing.
 - E. For **GV-AVD / TVD Series**
Remove the camera housing and attach the camera base to the mounting bracket with the supplied M4 screws, washers, and flange nuts. See similar installation in Steps 3 to 4, *1.4.4 Installation* in the User's Manual.
5. Secure the assembled GV-IP Camera and GV-Mount300-2 / 310-2 to the wall with the 4 self-prepared screws with the arrow pointing up.

1.4.2 Corner Mounting with GV-Mount300-2 / 310-2 and 211P / 211-1 / 211-2 / 211-3 / 212P / 212-1 / 212-2 / 213

You can install GV-Mount300-2 / 310-2 on GV-Mount211P / 211-1 / 211-2 / 211-3 / 212P / 212-1 / 212-2 / 213.

GV-Mount300-2 is for convex corner mounting, while GV-Mount310-2 is for concave corner installation.

The following illustration uses GV-Mount300-2 / 310-2 and GV-Mount211P as an example.



GV-Mount300-2 / 310-2 Packing List

See *Corner Mounting with GV-Mount300-2 / 310-2* earlier in this chapter.

Applicable Models

Must be used with GV-Mount211P / 211-1 / 213 (cannot be directly installed on the camera):

Eyeball Dome

- GV-EBDP5800 / 8800

Must be used with GV-Mount211P / 211-1 / 212P / 212-1 (cannot be directly installed on the camera):

Vandal Proof Dome

- GV-TVD2712

For GV-IP Cameras where GV-Mount300-2 / 310-2 can either be used with GV-Mount211P / 211-1 / 211-2 / 211-3 / 212P / 212-1 / 212-2 / 213 or directly installed on the camera, see *Applicable Models* in *Corner Mounting with GV-Mount300-2 / 310-2* earlier in this section.

Note: To determine which of GV-Mount211P / 211-1 / 211-2 / 211-3 / 212P / 212-1 / 212-2 / 213 the listed GV-IP Cameras can be installed on, see the respective GV-IP Camera datasheets.

GV-Mount300-2 / 310-2 + GV-Mount211P / 211-2 / 212P / 212-2 / 213 Installation

1. To install the camera to the GV-Mount211P / 211-2 junction box or GV-Mount212P / 212-2 / 213 wall box, see *Wall Mounting* and *Wall / Ceiling Box Mounting* earlier in this chapter.
2. Assemble the GV-Mount300-2 / 310-2, by attaching the two mounting plates onto the mounting bracket with the supplied carriage bolts, 1/4" plain washers, and 1/4" flange nuts.
3. Position and secure the junction box or wall box to GV-Mount300-2 / 310-2 as indicated on the *Screw Position Chart* in Step 3 in *Corner Mounting with GV-Mount300-2 / 310-2* earlier in this chapter. Below is an example for GV-Mount211P.



4. Secure your camera to the junction box or wall box to complete the installation.

Note: For details on attaching your GV-IP Camera to GV-Mount211P / 211-2 / 212P / 212-2 / 213, see the corresponding sections in this Mount Installation Guide.

1.5 Pole Mounting

1.5.1 Pole Mounting with GV-Mount420 / 440-1

The mounting requires GV-Mount420 and GV-Mount211P / 211-2, or GV-Mount440-1 and GV-Mount211-P / 211-1 / 211-2 / 211-3.

The following illustration uses GV-Mount420 and GV-Mount211P as an example.



GV-Mount420 Packing List

1. GV-Mount420 Pole Mount Bracket	2. M4 Screw x 4
3. Additional Screw Kit <ul style="list-style-type: none"> • M6 Screw x 4 • M6 Nut x 4 • M6 Plain Washer x 4 • M6 Split Washer x 4 	

GV-Mount440-1 Packing List

1. GV-Mount440-1 Pole Mount Bracket	2. M4 Screw x 4
-------------------------------------	-----------------

Applicable Models

GV-Mount420 must be used with GV-Mount211P,
and GV-Mount440-1 must be used with GV-Mount211P / 211-1:

Eyeball Dome

- GV-EBD2702 / 2704 / 2705 / 4700 / 4701 / 4704 / 4711 / 4712 / 4813 / 8700 / 8711 / 8800 / 8813
- GV-EBDP5800 / 8800
- GV-EBFC5800

Fixed Dome

- GV-ADR2701 / 2702 / 4701 / 4702
- GV-TDR2700 / 2702 / 2704 / 2705 / 4700 / 4702 / 4703 / 4704 / 4803 / 8805
- GV-TFD4700 / 4800

Vandal Proof Dome

- GV-TVD2712 / 4711 / 4811

PTZ Camera

- GV-PTZ5810-IR

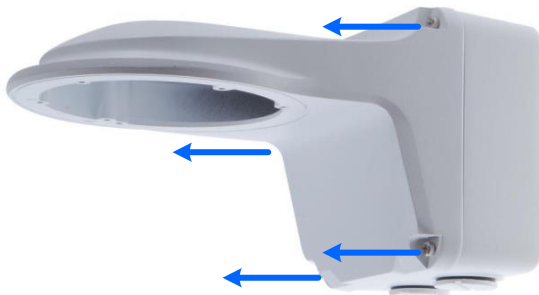
GV-Mount420 must be used with GV-Mount211-2,
and GV-Mount440-1 must be used with GV-Mount211-2 / 211-3:

Vandal Proof Dome

- GV-AVD2700 / 4710 / 8710
- GV-TVD4700 / 4710 / 4810 / 8710 / 8810

GV-Mount420 / 440-1 + GV-Mount211-P / 211-1 / 211-2 / 211-3 Installation

1. Unscrew the bracket.

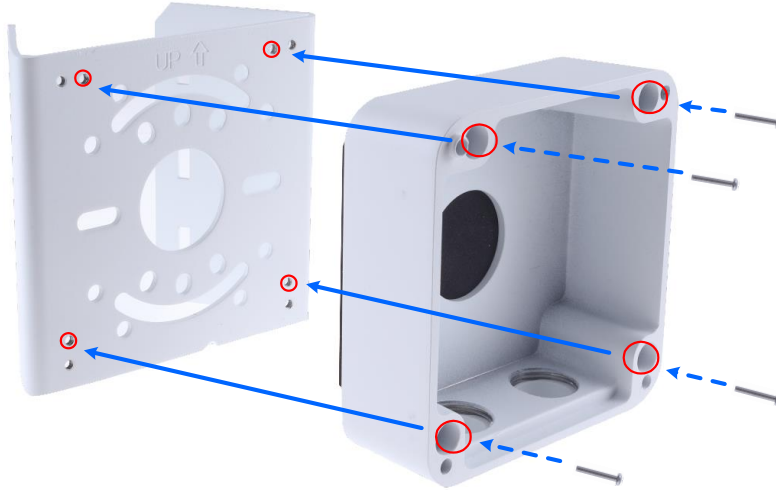


2. Loosen the indicated area by turning it anticlockwise.



- Align and attach the power box to the back plate using the 4 supplied M4 screws as indicated.

GV-Mount420 (for GV-Mount211P / 211-2)



GV-Mount440-1 (for GV-Mount211P / 211-2)

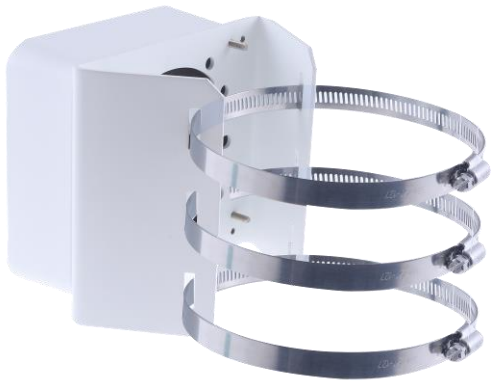


GV-Mount440-1 (for GV-Mount211-1 / 211-3)



Note: Make sure the direction of the “up ↑” indicator on the back plate match that of the power box.

4. Thread the 3 steel straps onto the back plate.



5. To install the camera to the junction box:
 - For GV-Mount211P / 211-1: Follow Steps 6 to 12 in *Wall Mounting with GV-Mount211P / 211-1* earlier in this chapter.
 - For GV-Mount211-2 / 211-3: Follow Steps 2 to 8 in *Wall Mounting with GV-Mount211-2 / 211-3* earlier in this chapter.
6. Secure the camera onto the desired pole by tightening the steel straps.

1.6 In-Ceiling Mounting

1.6.1 In-Ceiling Mounting with GV-Mount606

The mounting requires GV-Mount606.



GV-Mount606 Packing List

1. GV-Mount606 In-Ceiling Mount	2. In-Ceiling Cover
3. In-Ceiling Plate	4. Drill Template Paster
5. Screw Kit: <ul style="list-style-type: none"> • M4 Screw (8 mm) x 3 • M4 Screw (40 mm) x 2 	

Applicable Models

Vandal Proof Dome

- GV-AVD2700 / 4710 / 8710
- GV-TVD4700 / 4710 / 4711 / 4810 / 8710 / 8810

GV-Mount606 Installation

1. Paste the drill template to the ceiling and drill the ceiling to the size of the drill template.
2. Place the In-Ceiling Plate behind the ceiling with the flat side facing down.
3. Loosen the knob on the side of the camera and thread the camera wires through.

4. Thread the camera wires through the side of the In-Ceiling Mount Bracket and place the camera in the Mount Bracket.



5. Open the transparent dome cover and insert the 3 M4 Screws (8 mm).
6. Align and secure the camera to the Mount Bracket with 3 M4 Screws (8 mm).



7. Connect the camera wires to the necessary wires.
8. Secure the housing cover, flip and hold the camera upside down against the ceiling.
9. Align and secure the Mount Bracket to the In-Ceiling Plate with 2 M4 Screws (40 mm).

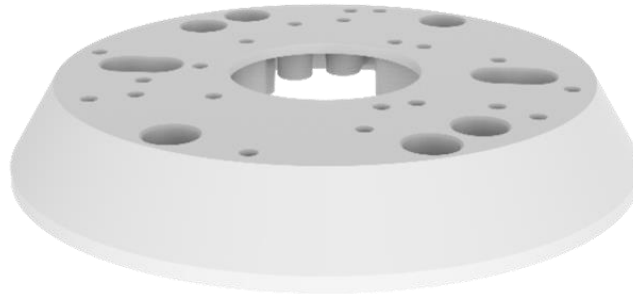


10. Put on the In-Ceiling Cover to finish installation.

1.7 Power Box Mounting

1.7.1 Power Box Mounting with GV-Mount924

The mounting requires GV-Mount924.



GV-Mount924 Packing List

1. GV-Mount924 Power Box Mount Bracket	2. M3 8 mm Screw x 4
--	----------------------

Applicable Models

Eyeball Dome

- GV-EBDP5800 / 8800

Fixed Dome

- GV-TDR2704 / 2705 / 4704 / 4803 / 8805

GV-Mount924 installation

1. Secure the gang box onto the back of GV-Mount924 using the ports indicated below.



US Double Gang Box



US Single Gang Box

2. For fixed domes, unscrew the transparent dome cover of the camera.
3. Thread the camera's cables through GV-Mount924 and secure the camera onto the mount using the ports indicated below using the supplied screws.



4. For fixed domes, secure the transparent dome cover onto the camera.

Chapter 2 Installing Bullet Camera

2.1 Corner Mounting

2.1.1 Corner Mounting with GV-Mount300-2 / 310-2

You can install GV-Mount300-2 / 310-2 directly onto the camera.

GV-Mount300-2 is for convex corner mounting, while GV-Mount310-2 is for concave corner installation.



GV-Mount300-2 / 310-2 Packing List

1. GV-Mount300-2 / 310-2 Corner Mount	2. Convex / Concave Mounting Plate x 2
3. Carriage Bolt x 6	4. 1/4" Plain Washer x 6
5. 1/4" Flange Nut x 6	6. M4 Screw (25 mm) x 4
7. M4 Plain Washer x 4	8. M4 Flange Nut x 4
9. M3 Screw (15 mm) x 4	10. M3 Plain Washer x 4
11. M3 Flange Nut x 4	

Applicable Models

Can be directly installed onto the camera:

- GV-ABL2701 / 2702 / 2703 / 4701 / 4703 / 4711 / 4712 / 8712
- GV-BLFC5800
- GV-TBL2703 / 4700 / 4703 / 4710 / 4711 / 4810 / 8710 / 8810

GV-Mount300-2 / 310-2 Installation

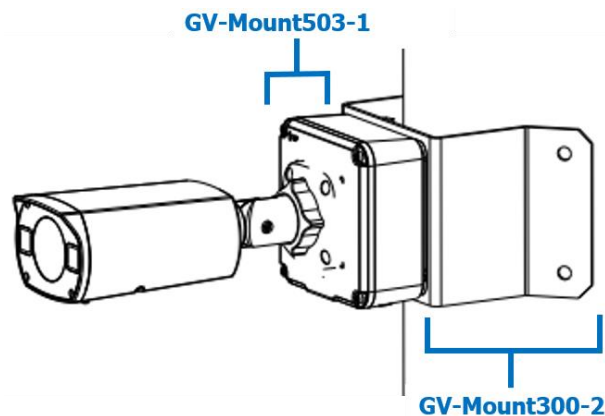
For details, see *Corner Mounting with GV-Mount300-2 / 310-2* in Chapter 1.

2.1.2 Corner Mounting with GV-Mount300-2 / 310-2 and 502 / 503 / 503-1

You can install GV-Mount300-2 / 310-2 on GV-Mount502 / 503 / 503-1.

GV-Mount300-2 is for convex corner mounting, while GV-Mount310-2 is for concave corner installation.

The following illustration uses GV-Mount300-2 and GV-Mount503-1 as an example.



GV-Mount300-2 / 310-2 Packing List

See *Corner Mounting with GV-Mount300-2 / 310-2* earlier in this chapter.

Applicable Models

For GV-IP Cameras where GV-Mount300-2 / 310-2 can either be used with GV-Mount502 / 503 / 503-1 or directly installed on the camera, see *Applicable Models* in *Corner Mounting with GV-Mount300-2 / 310-2* earlier in this section.

Note: To determine which of GV-Mount502 / 503 / 503-1 the listed GV-IP Cameras can be installed on, see the respective GV-IP Camera datasheets.

GV-Mount300-2 / 310-2 + GV-Mount502 / 503 Installation

1. To install the camera to the GV-Mount502 / 503 wall mount bracket, see *Wall Bracket Mounting* later in this chapter.
2. Assemble the GV-Mount300-2 / 310-2, by attaching the two mounting plates onto the mounting bracket with the supplied carriage bolts, 1/4" plain washers, and 1/4" flange nuts.
3. Position and secure the wall mount bracket to GV-Mount300-2 / 310-2 as indicated on the *Screw Position Chart* in Step 3 in *Corner Mounting with GV-Mount300-2 / 310-2* in Chapter 1. Below is an example for GV-Mount211P.



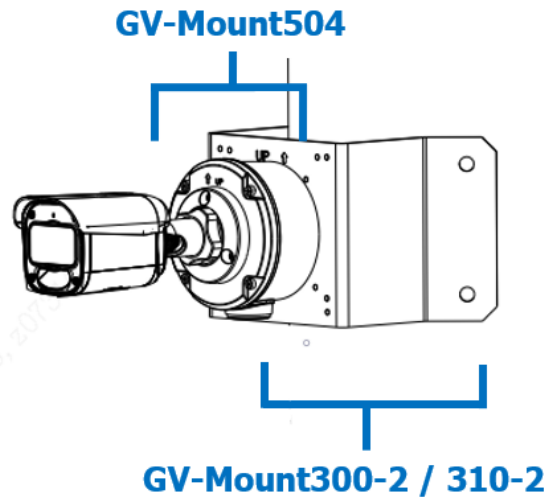
4. Secure your camera to the wall mount bracket to complete the installation.

Note: For details on attaching your GV-IP Camera to GV-Mount502 / 503, see the corresponding sections in this Mount Installation Guide.

2.1.3 Corner Mounting with GV-Mount300-2 / 310-2 and 504

You can install GV-Mount300-2 / 310-2 on GV-Mount504.

GV-Mount300-2 is for convex corner mounting, while GV-Mount310-2 is for concave corner installation.



GV-Mount300-2 / 310-2 Packing List

See *Corner Mounting with GV-Mount 300-2 / 310-2* earlier in this chapter.

Applicable Models

Must be used with GV-Mount504 (cannot be directly installed on the camera):

- GV-TBL2705 / 2706 / 2718 / 4705 / 4807 / 8804
- GV-TBLP5800 / 8800

GV-Mount300-2 / GV-Mount310-2 + GV-Mount504 Installation

1. Follow the instructions in *Wall Bracket Mounting with GV-Mount504* later in this chapter to install the camera onto the GV-Mount504 wall bracket mount.
2. Assemble GV-Mount300-2 / 310-2 by attaching the two mounting plates onto the mounting bracket with the supplied carriage bolts, 1/4" plain washers, and 1/4" flange nuts.
3. Position and secure the wall bracket mount to GV-Mount300-2 / 310-2 as indicated below.



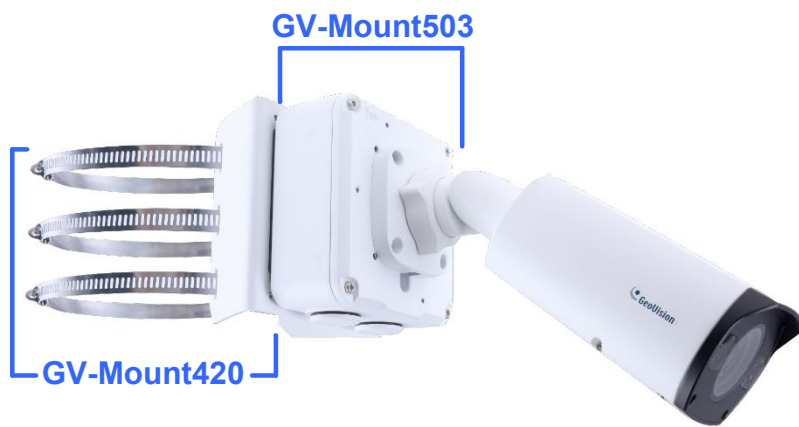
4. Secure your GV-IP Camera to the wall bracket mount to complete the installation.

2.2 Pole Mounting

2.2.1 Pole Mounting with GV-Mount420 / 440-1

The mounting requires GV-Mount420 and GV-Mount503, or GV-Mount440-1 and GV-Mount503 / 503-1.

The following illustration uses GV-Mount420 and GV-Mount503 as an example.



GV-Mount420 Packing List

1. GV-Mount420 Pole Mount Bracket	2. M4 Screw x 4
3. Additional Screw Kit	
<ul style="list-style-type: none"> • M6 Screw x 4 • M6 Nut x 4 • M6 Plain Washer x 4 • M6 Split Washer x 4 	

GV-Mount440-1 Packing List

1. GV-Mount440-1 Pole Mount Bracket	2. M4 Screw x 4
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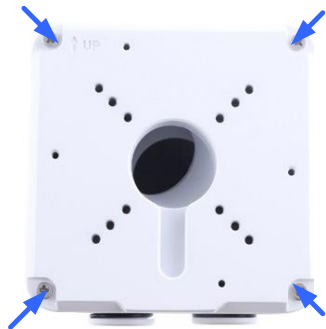
Applicable Models

GV-Mount420 must be used with GV-Mount503,
and GV-Mount440-1 must be used with GV-Mount503 / 503-1.

- GV-ABL2702 / 4711 / 4712 / 8712
- GV-TBL4700 / 4710 / 4711 / 4810 / 8710 / 8810
- GV-BLFC5800

GV-Mount420 / 440-1 + GV-Mount503 / 503-1 Installation

1. Unscrew the box cover.



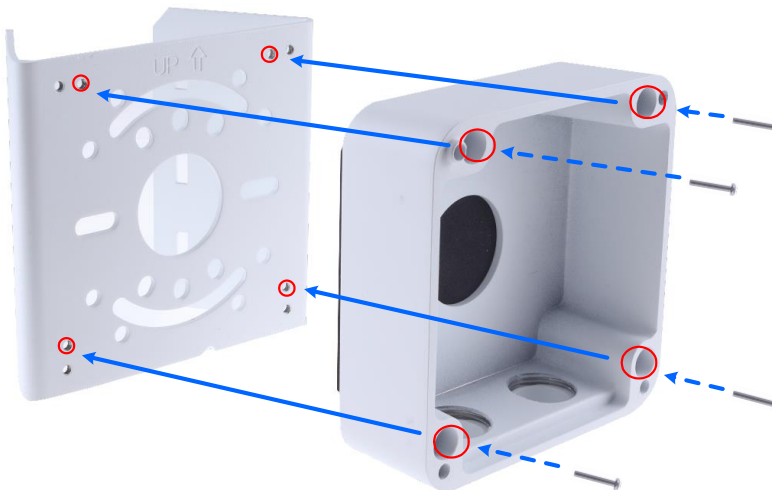
2. Loosen the knobs by turning it anticlockwise.



Loosen the knob

3. Align and attach the power box to the back plate using the 4 supplied M4 screws as indicated.

GV-Mount420 (for GV-Mount503)



GV-Mount440-1 (for GV-Mount503)

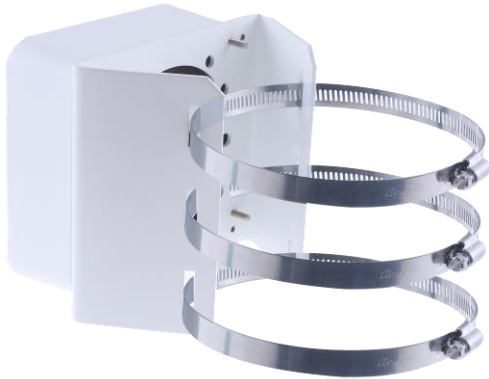


GV-Mount440-1 (for GV-Mount503-1)



Note: Make sure the direction of the “up ↑” indicator on the back plate matches that of the power box.

4. Thread the 3 steel straps onto the back plate.



4. Follow Steps 6 to 10 in *Wall Bracket Mounting with GV-Mount503 / 503-1* later in this chapter.
5. Secure the camera onto the desired pole by tightening the steel straps.

2.2.2 Pole Mounting with GV-Mount440 / 440-1

The mounting requires GV-Mount440 / 440-1 and GV-Mount502 / 504.

The following illustration uses GV-Mount440 and GV-Mount504 as an example.



GV-Mount440 / 440-1 Packing List

1. GV-Mount440 / 440-1 Pole Mount Bracket	2. M4 Screw x 4
---	-----------------

Applicable Models

Must be used with GV-Mount502:

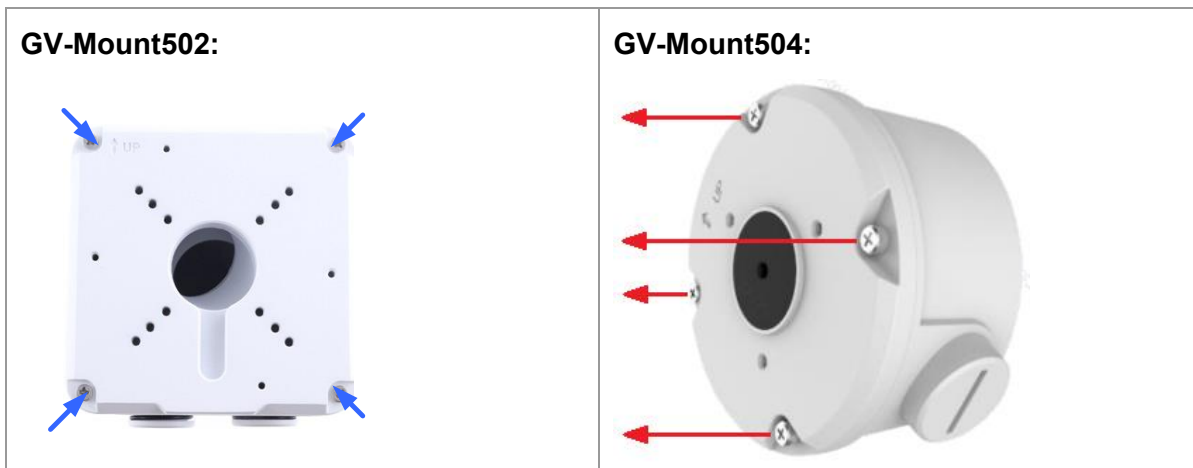
- GV-ABL2701 / 2703 / 4701 / 4703
- GV-TBL2703 / 4703

Must be used with GV-Mount504:

- GV-TBL2705 / 2706 / 2718 / 4705 / 4807 / 8804
- GV-TBLP5800 / 8800

GV-Mount440 / 440-1 + GV-Mount502 / 504 Installation

1. Unscrew the box cover.



2. For GV-Mount502, loosen the knobs by turning it anticlockwise.

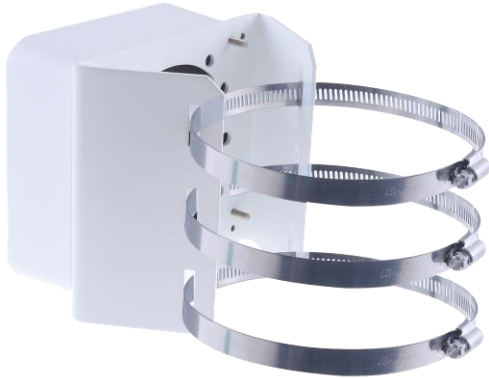


3. Align and attach the power box to the back plate using the 4 supplied M4 screws as indicated.



Note: Make sure the direction of the “up ↑” indicator on the back plate matches that of the power box.

4. Thread the 3 steel straps onto the back plate.



5. To install the camera to the wall box:
 - For GV-Mount502: Follow Steps 6 to 9 in *Wall Bracket Mounting with GV-Mount502* later in this chapter.
 - For GV-Mount504: Follow Steps 7 to 12 in *Wall Bracket Mounting with GV-Mount504* later in this chapter.
6. Secure the camera onto the desired pole by tightening the steel straps.

2.3 Wall Bracket Mounting

2.3.1 Wall Bracket Mounting with GV-Mount502

The mounting requires GV-Mount502.



GV-Mount502 Packing List

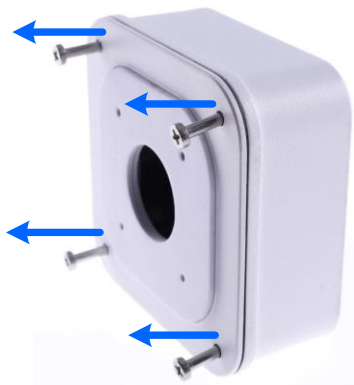
1. GV-Mount502 Wall Mount Bracket	2. M3 25 mm Screw x 4
3. M3 12 mm Screw x 4	4. Screw Anchor x 4
5. Plastic PG21 Conduit Connector	

Applicable Models

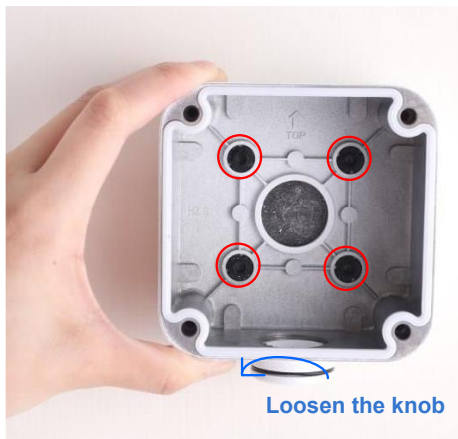
- GV-ABL2701 / 2703 / 4701 / 4703
- GV-TBL2703 / 4703

GV-Mount502 installation

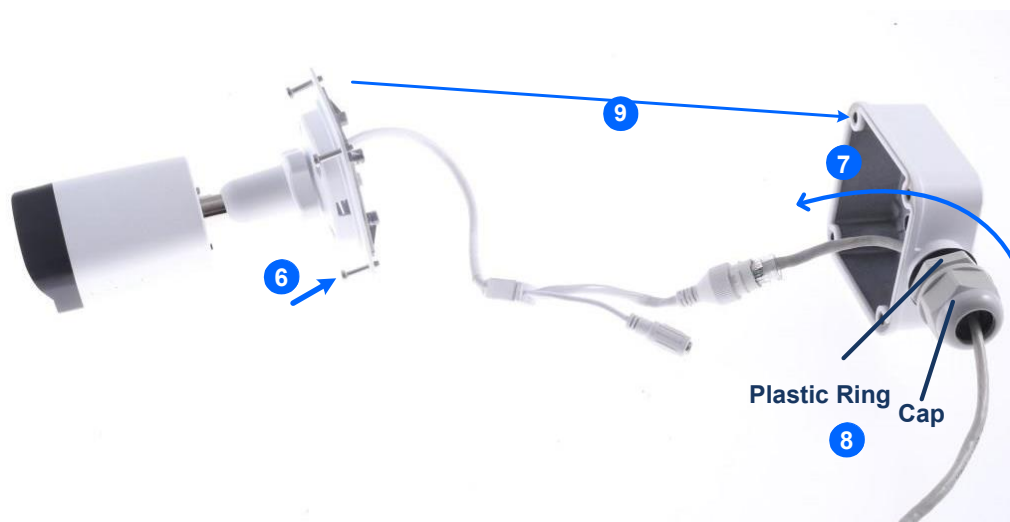
1. Unscrew the box cover.



- Loosen the knob by turning it anticlockwise.



- Attach the box to the wall with the knob pointing down and use a marker to mark 4 dots.
- Drill 4 holes according to the marks.
- Insert the 4 screw anchors to the holes and secure the box to the wall with 4 long screws.
- Secure the camera to the box cover with 4 short screws, as illustrated in No. 6 in the figure in Step 9.
- Thread the Ethernet cable through the PG21 conduit connector and the wall box, as shown in No. 7 in the figure in Step 9. Then connect the cable to the camera. To waterproof the Ethernet cable, see *1.10 Waterproofing the Cable* in the User's Manual.
- Rotate the plastic ring to secure the conduit connector to the wall box. Screw in the cap, as shown in No. 8 in the figure in Step 9.
- Screw the box cover to the wall box, as shown in No. 9 in the figure below.





2.3.2 Wall Bracket Mounting with GV-Mount503 / 503-1

The mounting requires GV-Mount503 / 503-1.

The following illustration uses GV-Mount503 as an example.



GV-Mount503 / 503-1 Packing List

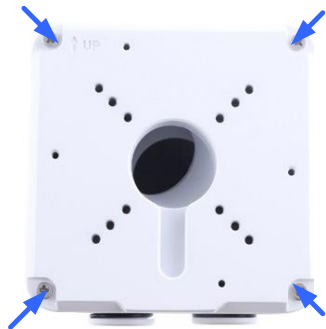
1. GV-Mount503 / 503-1 Wall Mount Bracket	2. Long Screw x 4
3. Short Screw x 4	4. Screw Anchor x 4
5. Waterproof Rubber Plug x 1 (for GV-Mount503) 	6. Waterproof Rubber Plug x 2 (for GV-Mount503-1) 
7. Plastic PG21 Conduit Connector	

Applicable Models

- GV-ABL2702 / 4711 / 4712 / 8712
- GV-TBL4700 / 4710 / 4711 / 4810 / 8710 / 8810
- GV-BLFC5800

GV-Mount503 / 503-1 installation

1. Unscrew the box cover.

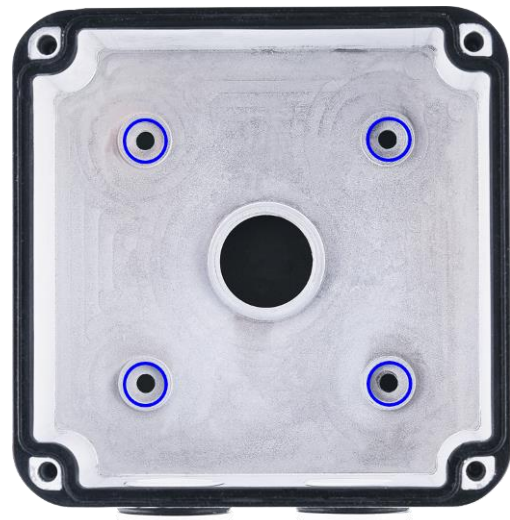


2. Loosen the knobs by turning it anticlockwise.

GV-Mount503

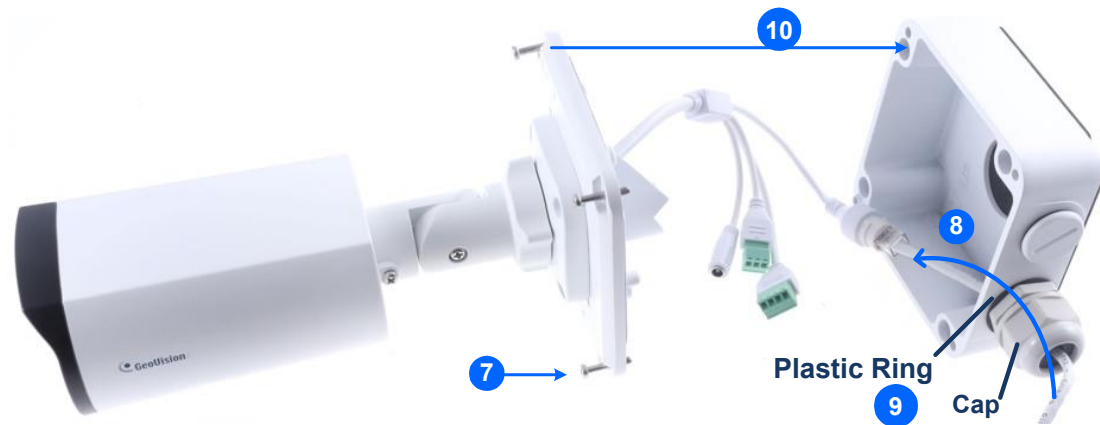


GV-Mount503-1



3. Attach the box to the wall with the knobs pointing down and use a marker to mark 4 dots. Note that the hole positions on the box may vary by model.
4. Drill 4 holes according to the marks.
5. Insert 4 screw anchors into the holes and secure them to the wall with 4 long screws.
6. Thread the camera cable through the box cover and secure the camera to the cover with 4 short screws.
7. Reattach the box cover to the power box, as shown in No. 7 in the figure in Step 10.
8. Thread the Ethernet cable through the PG21 conduit connector and the power box as shown in No. 8 in the figure in Step 10. Then connect the cable to the camera. To waterproof the cable, see *1.10 Waterproofing the Cable* in the User's Manual.
9. Rotate the plastic ring to secure the conduit connector to the power box. Secure in the cap, as shown in No. 9 in the figure in Step 10.

10. Secure the box cover to the power box, as shown in No. 10 in the figure below.



Note: Alternatively, you can use the supplied waterproof rubber plug to seal the box cover by following the steps below.

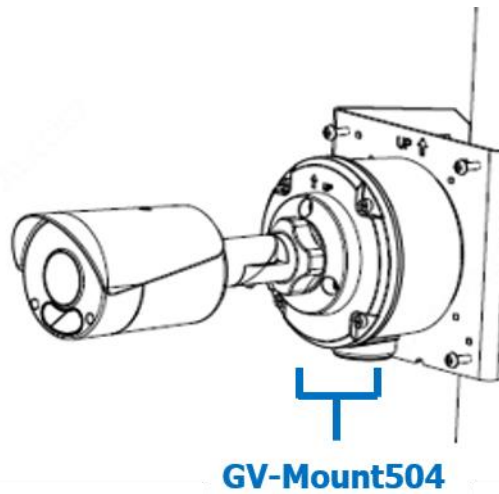
1. Thread the camera cable through the box cover, and then through the supplied waterproof rubber plug from the bottom side.



2. Align the gap of the waterproof rubber plug to the direction of the “up ↑” indicator and press firmly to embed the waterproof plug onto the inside of the box cover.
 3. Thread the Ethernet cable through the power box and connect to the camera. Secure the box cover to the power box.
-

2.3.3 Wall Bracket Mounting with GV-Mount504

The mounting requires GV-Mount504.



GV-Mount504 Packing List

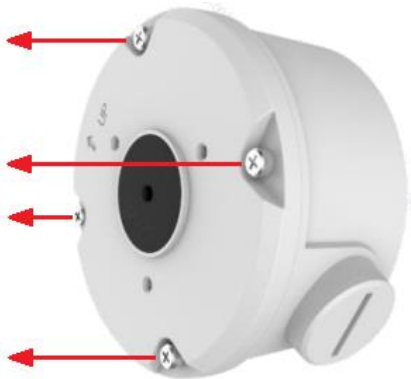
1. GV-Mount504 Wall Mount Bracket	2. Long Screw x 4
3. Short Screw x 3	4. Screw Anchor x 4
5. Drill Template Paster	6. Waterproof Rubber Plug
7. Plastic PG21 Conduit Connector	

Applicable Models

- GV-TBL2705 / 2706 / 2718 / 4705 / 4807 / 8804
- GV-TBLP5800 / 8800

GV-Mount504 Installation

1. Unscrew the box cover.



2. Stick the drill template paster to the wall with the arrow pointing up.
3. Drill the 4 mounting holes according to the drill template.
4. Insert the 4 screw anchors to the mounting holes.
5. Position the power box on the wall with the “up ↑” indicator pointing up and align the screw holes indicated below to the 4 mounting holes on the wall.

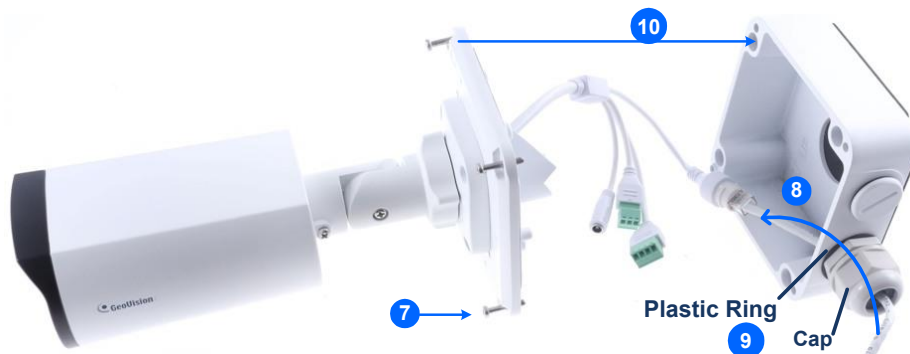


6. Secure the power box to the wall with the supplied long screws.

7. Connect the Ethernet cable using one of the two methods:

- A. Thread the Ethernet cable through the center hole.
- B. Thread the Ethernet cable through the PG21 conduit connector and the power box as shown in No. 8 in the figure below.

Rotate the plastic ring to secure the conduit connector to the power box. Secure in the cap, as shown in No. 9 in the figure below.

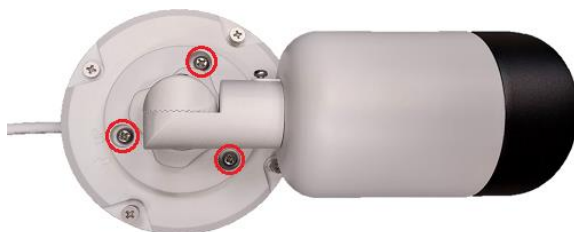


8. Thread the camera cable through the box cover from the top, and then attach the supplied waterproof rubber plug to the camera cable at around the camera base, as shown in the figure below.



9. Press firmly to embed the waterproof plug onto the box cover.

10. Use the supplied short screws to secure the camera to the box cover at the indicated holes below.

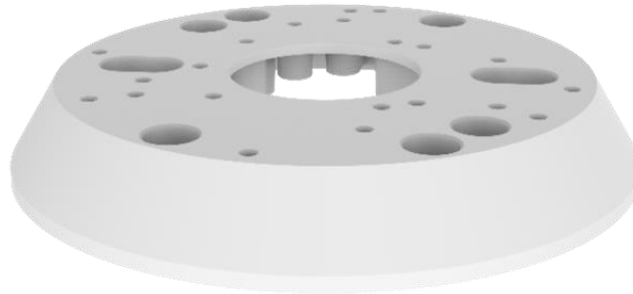


11. Connect the Ethernet cable to the camera cable, align the “up ↑” indicators on the box cover and power box, and then secure the box cover to the power box.

2.4 Power Box Mounting

2.4.1 Power Box Mounting with GV-Mount924

The mounting requires GV-Mount924.



GV-Mount924 Packing List

1. GV-Mount924 Power Box Mount Bracket	2. M3 8 mm Screw x 4
--	----------------------

Applicable Models

- GV-TBL2705 / 2706 / 2718 / 4705 / 4807
- GV-TBLP5800 / 8800

GV-Mount924 installation

1. Secure the gang box onto the back of GV-Mount924 using the ports indicated below.



US Double Gang Box



US Single Gang Box

2. Thread the camera's cables through GV-Mount924 and secure the camera onto the mount using the ports indicated below using the supplied screws.



Chapter 3 Installing Multi-Sensor Camera

3.1 Pendant Adapter Plate GV-Mount113

GV-Mount113 is a pendant adapter plate designed to be used with other mounts. It is not intended for standalone use.



GV-Mount113 Packing List

1. GV-Mount113 Pendant Adapter Plate	2. M4 Screw (12 mm) x 4
--------------------------------------	-------------------------

Applicable Models

- **GV-TMS20811:** GV-Mount113 must be used with GV-Mount114, GV-Mount208-5, or GV-Mount210-3.

GV-Mount113 Installation

- For Pendant Mounting using GV-Mount114, see *Pendant Mounting with GV-Mount114* later in this chapter.
- For Wall Mounting using GV-Mount210-3, see *Wall Pendant Mounting with GV-Mount210-3* later in this chapter.
- For Swan Neck Mounting using GV-Mount208-5, see *Swan Neck Mounting with GV-Mount208-5* later in this chapter.

3.2 Pendant Mounting

3.2.1 Pendant Mounting with GV-Mount107

The mounting requires GV-Mount107 and GV-Mount511.



GV-Mount107 Packing List

1. GV-Mount107 Pendant Bracket	2. Pendant Tube
3. Tube Connector	4. Torx Wrench

Applicable Models

- **GV-TMS8800:** GV-Mount107 must be used with GV-Mount511.

Note: Before installing GV-Mount107, note the following:

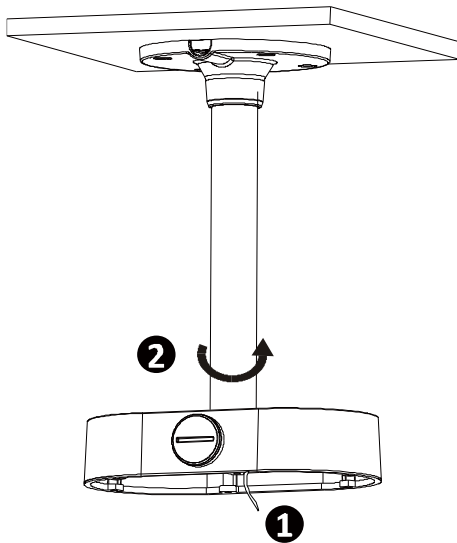
- Prepare 3 long screws for securing the Pendant Bracket to the ceiling.
 - GV-Mount107 optionally extends with GV-Mount704.
-

GV-Mount107 + GV-Mount511 Installation

1. Place GV-Mount107 on the ceiling and mark the location for the center socket and the 3 screws.
2. Drill the marks and secure the Pendant Bracket onto the ceiling.

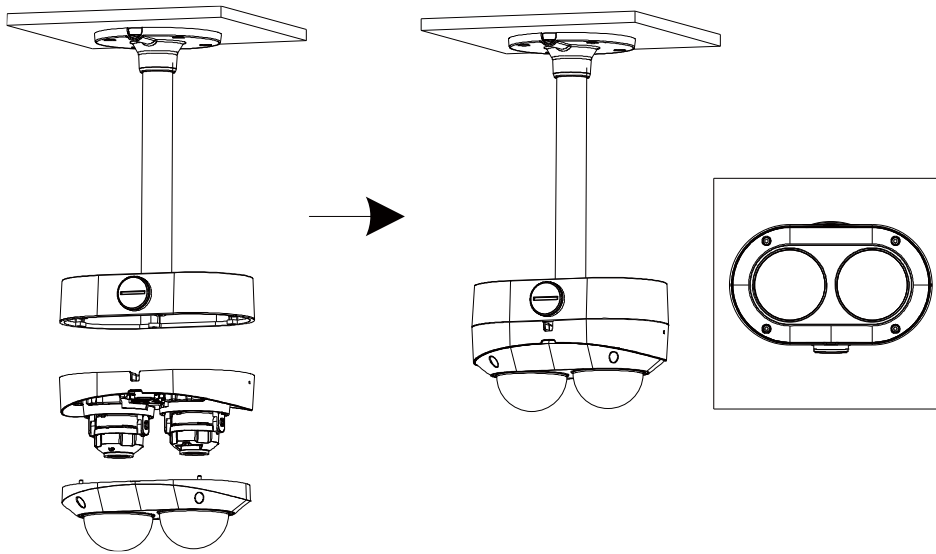


3. Attach one end of the Pendant Tube to the Pendant Bracket, and the other end to the Tube Connector.
4. Thread the necessary wires from the ceiling through the Pendant Tube.
5. Mount and tighten GV-Mount511 onto the Tube Connector of GV-Mount107.



6. Connect the camera tail cables with the wires led out at *Step 4*.

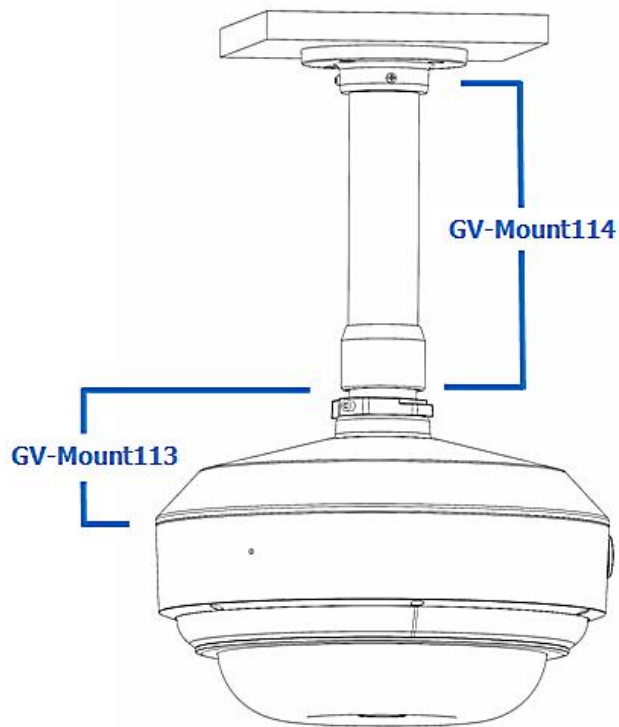
7. Fix the camera base to GV-Mount511, adjust the lens angle, and fix the housing to the camera base.



Caution: Do not pull hard when leading the tail cables; otherwise, it will cause loose or disconnected tail cables.

3.2.2 Pendant Mounting with GV-Mount114

The mounting requires GV-Mount114 and GV-Mount113.



GV-Mount114 Packing List

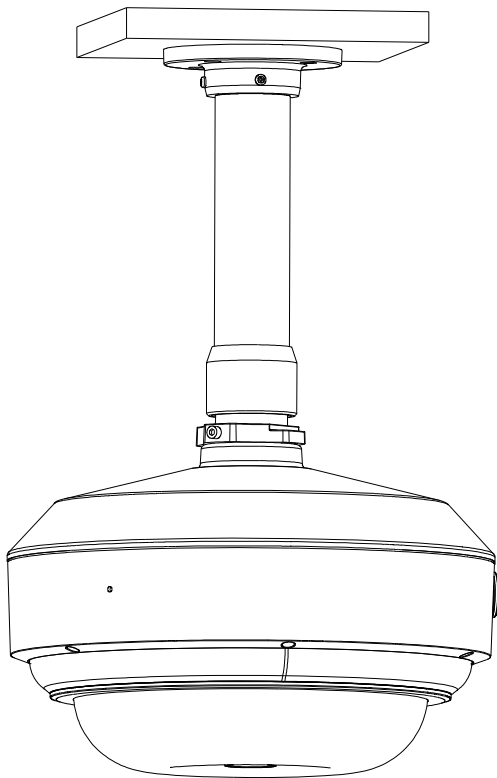
1. GV-Mount114 Pendant Mount	2. M8 Screw Anchor (80 mm) x 4
3. Drill Template Paster	

Applicable Models

- **GV-TMS20811:** GV-Mount114 must be used with GV-Mount113.

GV-Mount114 + GV-Mount113 Installation

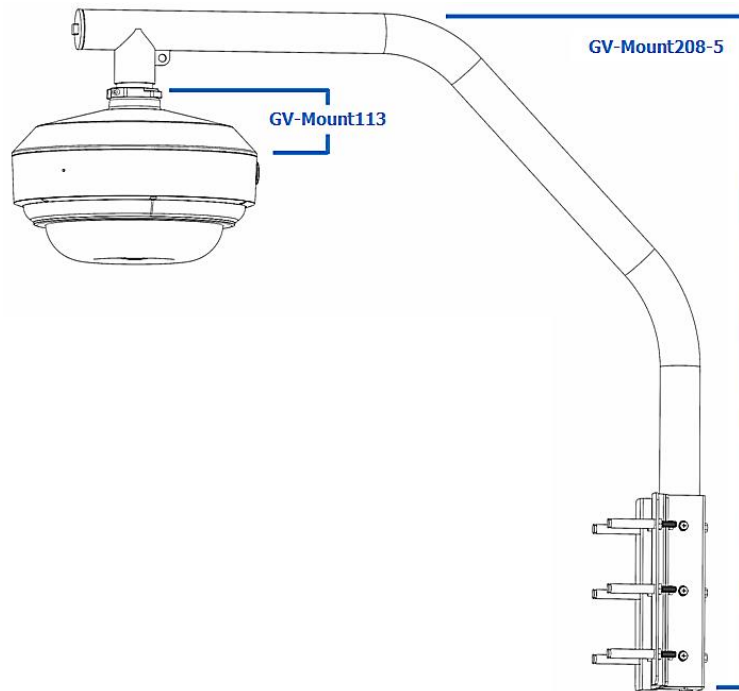
1. Stick the drill template paster to the ceiling and drill holes on the ceiling according to the drill template.
2. Insert the screw anchors in the ceiling.
3. Secure the GV-Mount114 pendant mount to the ceiling.
4. Mount the GV-Mount113 adapter plate by referring to Steps 2 to 3 in *Wall Pendant Mounting with GV-Mount210-3* later in this chapter.
5. Mount the camera base and cover by referring to Steps 4 to 8 in 8.3.2 *GV-TMS20811* in the [Quick Start Guide](#).



3.3 Swan Neck Mounting

3.3.1 Swan Neck Mounting with GV-Mount208-5

The mounting requires GV-Mount208-5 and GV-Mount113.



GV-Mount208-5 Packing List

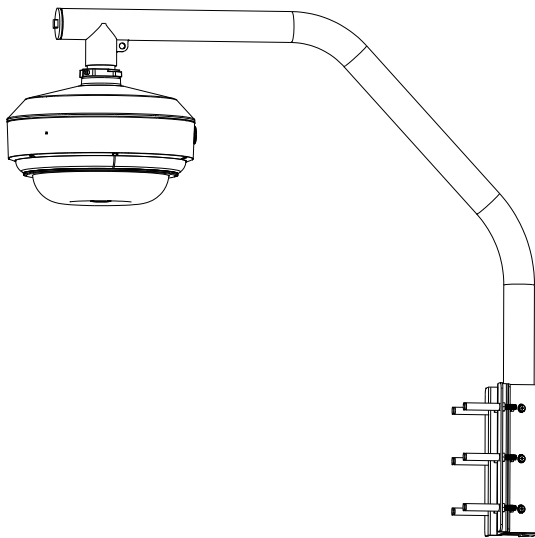
1. GV-Mount208-5 Swan Neck Mount	2. M8 Screw Anchor (90 mm) x 6
----------------------------------	--------------------------------

Applicable Models

- **GV-TMS20811:** GV-Mount208-5 must be used with GV-Mount113.

GV-Mount208-5 + GV-Mount113 Installation

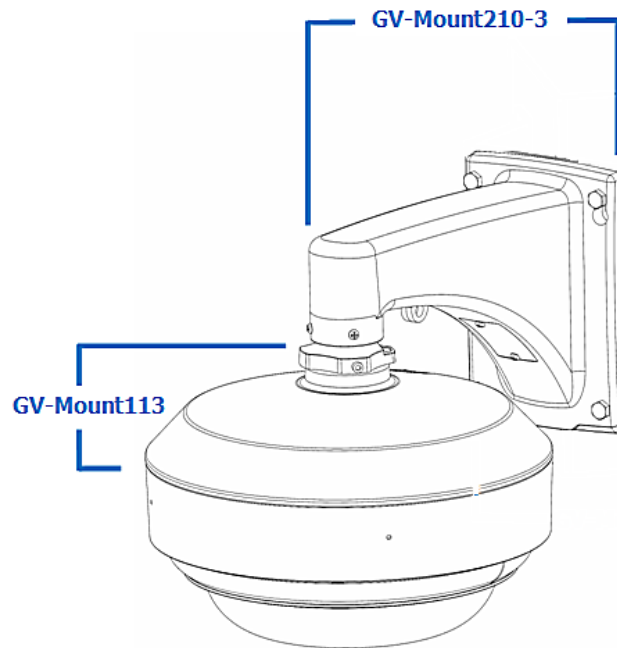
1. Secure the GV-Mount208-5 swan neck mount.
2. Align the GV-Mount113 adapter plate with the holes in the mounting plate and tighten the four screws with the matching wrench or hexagonal screwdriver, installing the mounting plate with the side with the “FRONT” logo facing downward (the opposite side of the adapter plate).
3. Attach the safety cord to the locknut.
4. Align the counter-locking nut on the GV-Mount113 adapter plate with the GV-Mount208-5 swan neck mount, tighten the counter-locking nut in the opposite direction (relative to the direction in which the GV-Mount113 adapter plate is mounted), and use a Phillips screwdriver and wrench to tighten the screws on the bracket and the hexagonal nut on the counter-locking nut.
5. Mount the camera base and cover by referring to Steps 4 to 8 in 8.3.2 *GV-TMS20811* in the [Quick Start Guide](#).



3.4 Wall Mounting

3.4.1 Wall Pendant Mounting with GV-Mount210-3

The mounting requires GV-Mount210-3 and GV-Mount113.



GV-Mount210-3 Packing List

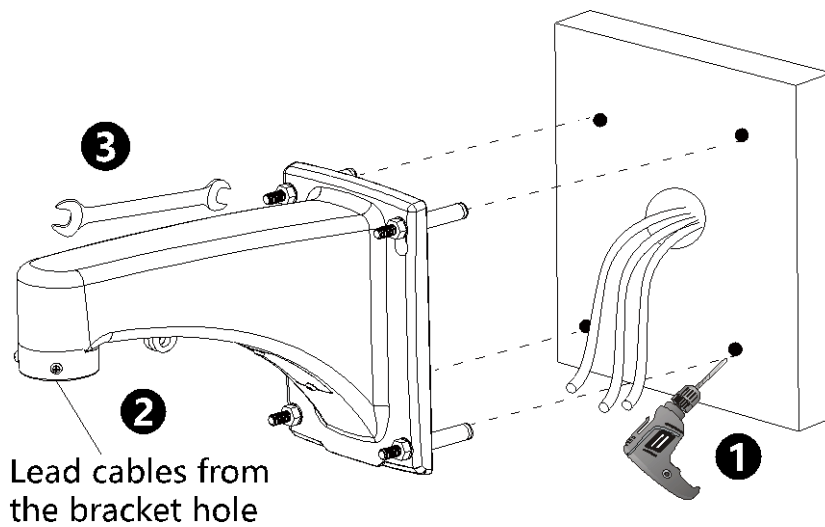
1. GV-Mount210-3 Wall Pendant Mount	2. M8 Screw Anchor (80 mm) x 4
3. Drill Template Paster	4. Rubber Pad

Applicable Models

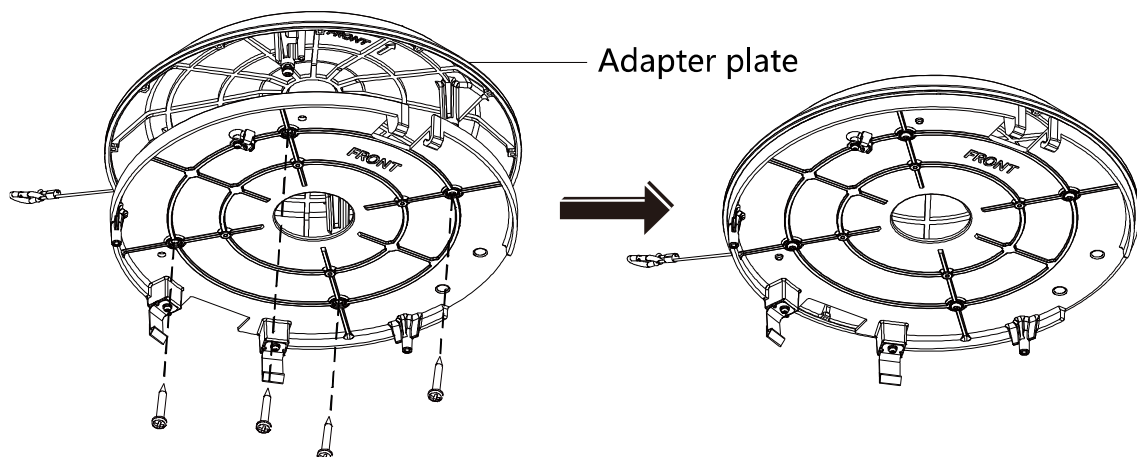
- **GV-TMS20811:** GV-Mount210-3 must be used with GV-Mount113.

GV-Mount210-3 + GV-Mount113 Installation

1. Secure the GV-Mount210-3 wall mount bracket.
 - (1) Locate the positions of the holes according to the 4 screw holes on the bracket. Drill 4 expansion screw holes on the wall and insert the expansion screws.
 - (2) Lead cables through the bracket hole.
 - (3) Align the bracket holes with the expansion screws, and insert the expansion screws into the bracket holes. Insert the flat washer and hex nuts into the screws, and tighten the hex nuts to secure the bracket on the wall with the hex key.

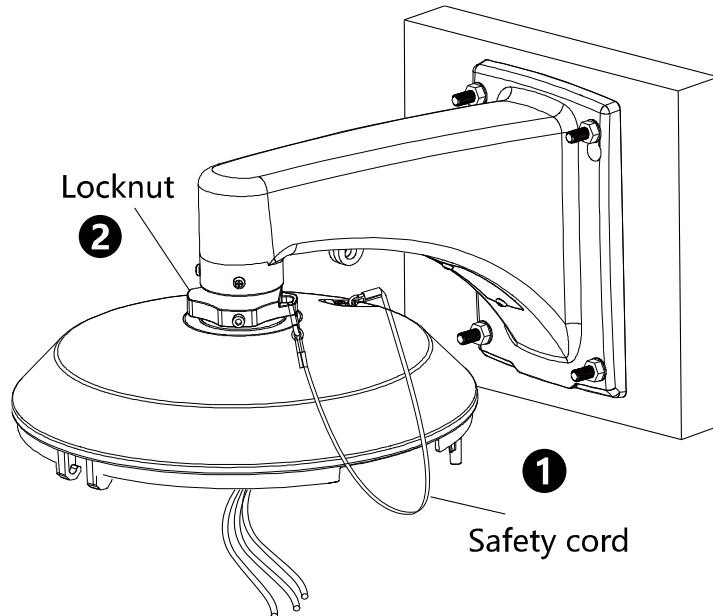


2. Align the holes of the GV-Mount113 adapter plate with those of the mounting plate, and secure them with four screws using the hex key or a Torx screwdriver.

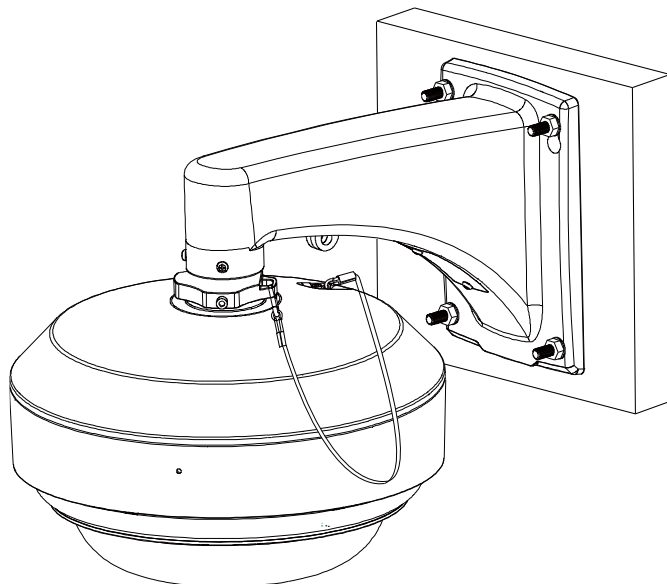


Note: The adapter plate with the FRONT logo should face the ground during installation.

3. Mount the GV-Mount113 adapter plate.
 - (1) Hang the safety rope on the lock nut.
 - (2) Align the locknut on the GV-Mount113 adapter plate with the GV-Mount210-3 wall mount bracket, tighten the locknut in reverse direction (relative to the installation direction of the adapter plate), and tighten the screws on the bracket and the hex nuts on the locknut with the hex key and a Philips screwdriver.



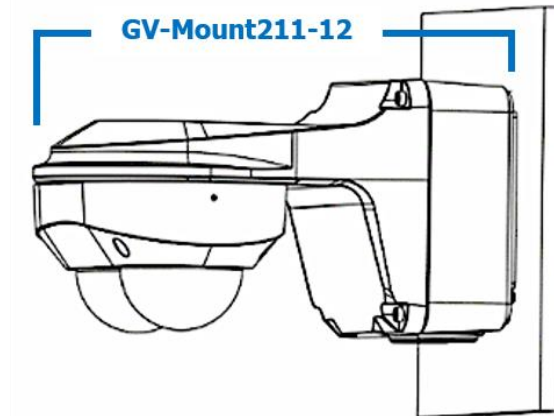
4. Mount the camera base and cover by referring to Steps 4 to 10 in 8.3.2 *GV-TMS20811* in the [Quick Start Guide](#).



3.4.2 Wall Mounting with GV-Mount211-12 / 211-16

The mounting requires GV-Mount211-12 / 211-16.

The following illustration uses GV-Mount211-12 as an example.



GV-Mount211-12 / 211-16 Packing List

1. GV-Mount211-12 / 211-16 Wall Mount and Junction Box	2. Long Screw (47 mm) x 5
3. Short Screw (10 mm) x 4	4. Screw Anchor x 5
5. Drill Template Paster	

Applicable Models

- GV-TMS8800

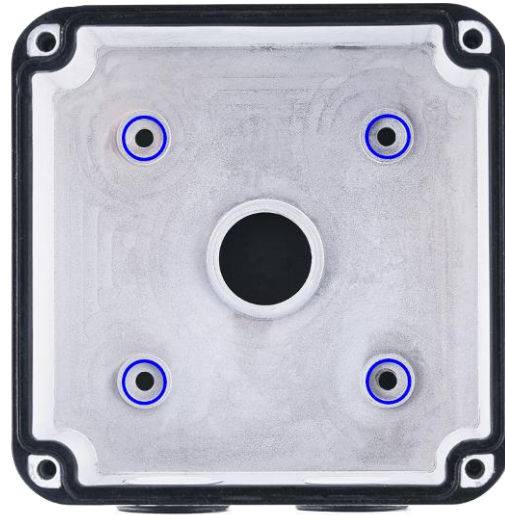
GV-Mount211-12 / 211-16 Installation

1. Unscrew the bottom of the GV-Mount to separate the two parts.
2. Drill 4 mounting holes on the wall using the drill template paster.
3. Secure the bottom of the GV-Mount to the wall using the supplied long screws. Note that the hole positions on the bottom of the GV-Mount may vary by model.

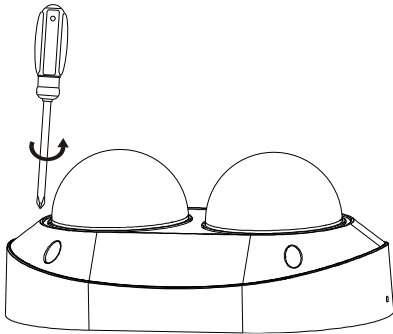
GV-Mount211-12



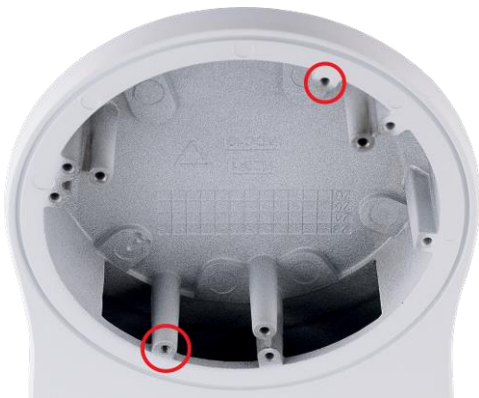
GV-Mount211-16



4. Unscrew the four screws of the camera to remove the housing from the camera base.



5. Thread the necessary wires through the GV-Mount.
6. Secure the camera bottom onto the upper part of the GV-Mount using the supplied short screws as indicated below.



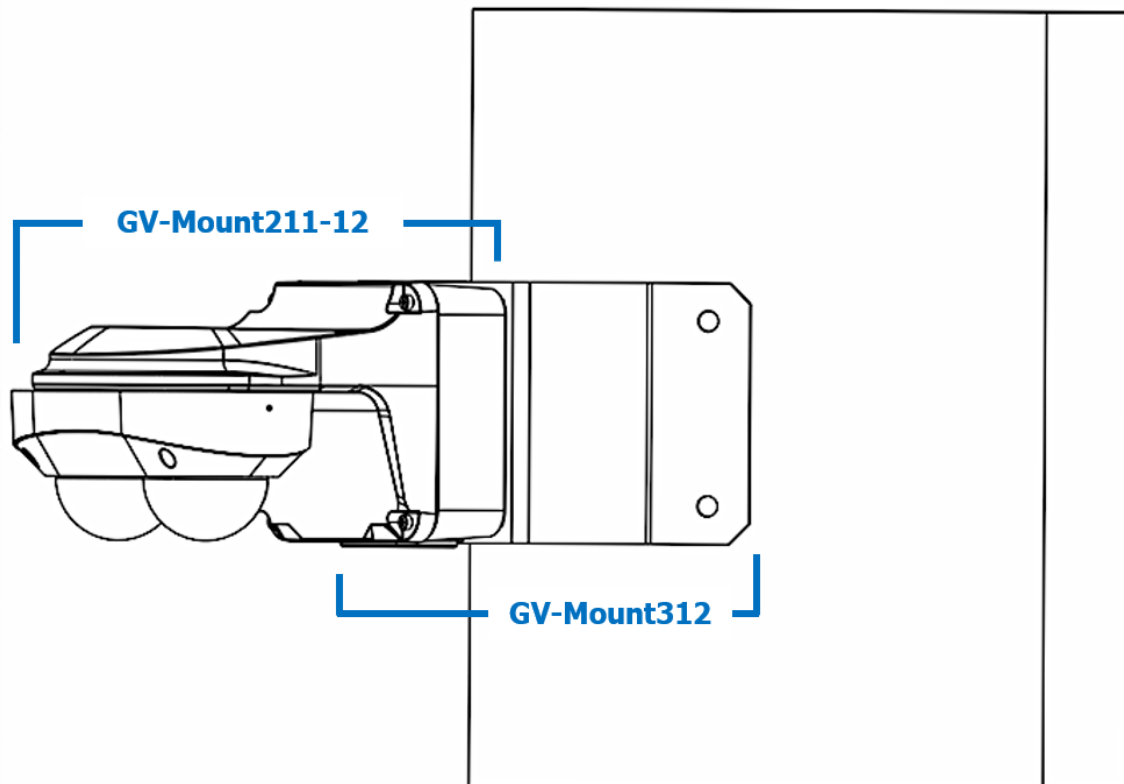
7. Fix the housing to the camera base and assemble the GV-Mount to complete the installation.

3.5 Corner Mounting

3.5.1 Convex Corner Mounting with GV-Mount312 / 312-1

The mounting requires GV-Mount312 and GV-Mount211-12, or GV-Mount312-1 and GV-Mount211-12 / 211-16.

The following illustration uses GV-Mount312 and GV-Mount211-12 as an example.



GV-Mount312 / 312-1 Packing List

1. GV-Mount312 / 312-1 Corner Adaptor	2. M4 Screw (20 mm) x 4
3. M8 Screw (80 mm) x 4	

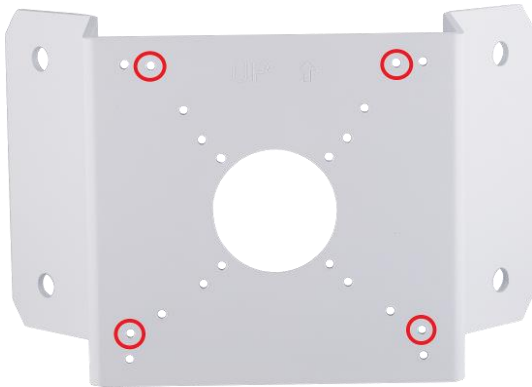
Applicable Models

- **GV-TMS8800:**
GV-Mount312 must be used with GV-Mount211-12;
GV-Mount312-1 must be used with GV-Mount211-12 / 211-16.

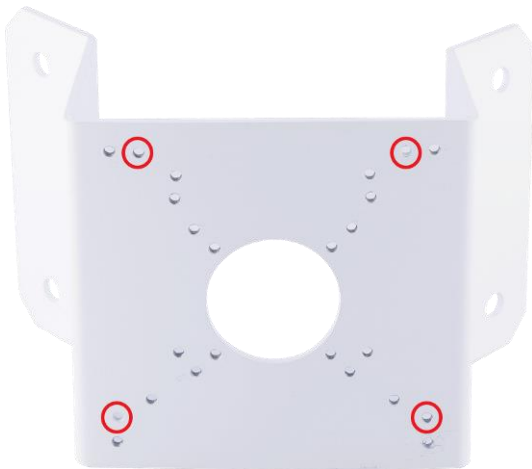
GV-Mount312 / 312-1 + GV-Mount211-12 / 211-16 Installation

1. Drill 4 mounting holes on the corner using the drill template paster.
2. Secure GV-Mount312 / 312-1 to the corner using the supplied screws.
3. Unscrew the bottom of GV-Mount211-12 / 211-16 to separate the two parts.
4. Secure the bottom of GV-Mount211-12 / 211-16 onto GV-Mount312 / 312-1 using the supplied screws as indicated below.

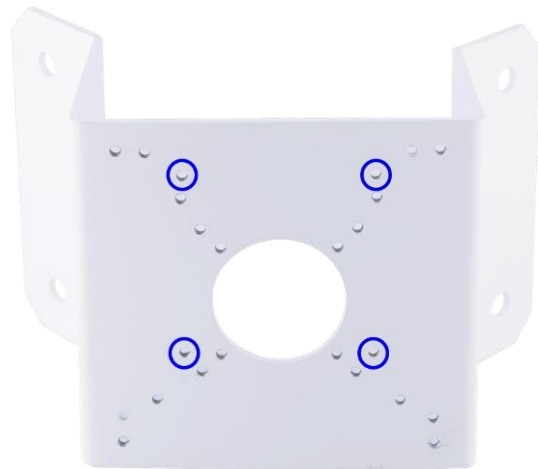
GV-Mount312 (for GV-Mount211-12)



GV-Mount312-1 (for GV-Mount211-12)



GV-Mount312-1 (for GV-Mount211-16)

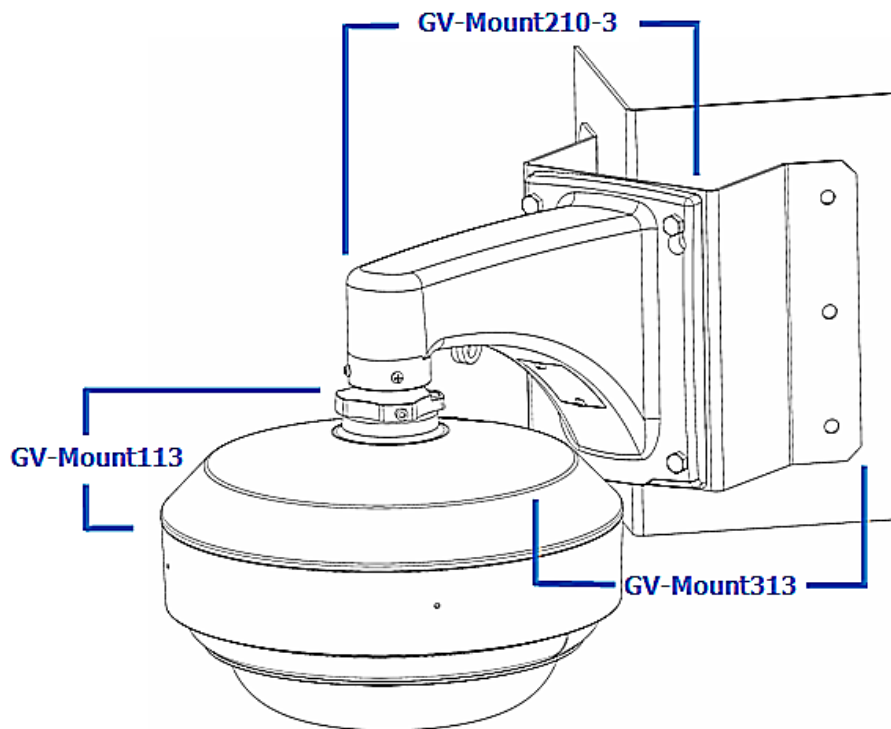


Note: Make sure the direction of the UP ↑ indicators on the 2 parts are placed pointing upward.

5. Follow Steps 4 to 7 in *Wall Mounting with GV-Mount211-12 / 211-16* earlier in this chapter to complete the installation.

3.5.2 Convex Corner Mounting with GV-Mount313

The mounting requires GV-Mount313, GV-Mount210-3, and GV-Mount113.



GV-Mount313 Packing List

1. GV-Mount313 Convex Corner Mount	2. M8 Screw Anchor (25 mm) x 4
3. D8 Flat Washer x 4	4. D8 Spring Washer x 4

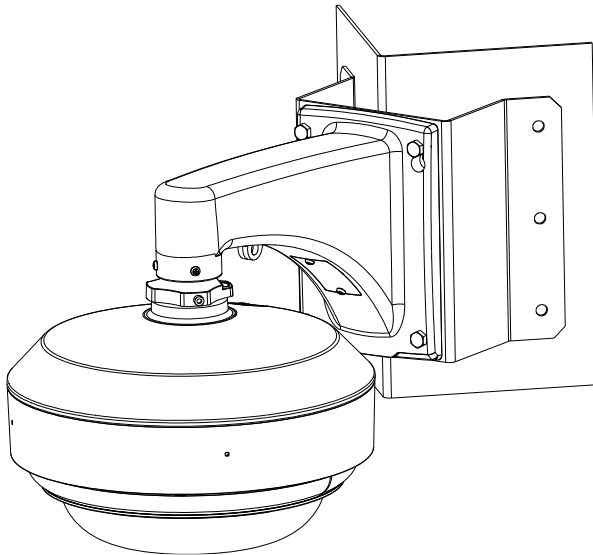
Applicable Models

- **GV-TMS20811:** GV-Mount313 must be used with GV-Mount210-3.

Note: GV-Mount210-3 must be used with GV-Mount113.

GV-Mount313 + GV-Mount210-3 + GV-Mount113 Installation

1. Secure the GV-Mount313 corner mount bracket to the wall using the 6 screws and thread the external cables through.
2. Secure the GV-Mount210-3 wall mount bracket to the GV-Mount313 corner mount bracket by referring to Step 1 in *Wall Pendant Mounting with GV-Mount210-3* earlier in this chapter.
3. Mount the GV-Mount113 adapter plate by referring to Steps 2 to 3 in *Wall Pendant Mounting with GV-Mount210-3* earlier in this chapter.
4. Mount the camera base and cover by referring to Steps 4 to 8 in 8.3.2 *GV-TMS20811* in the [Quick Start Guide](#).

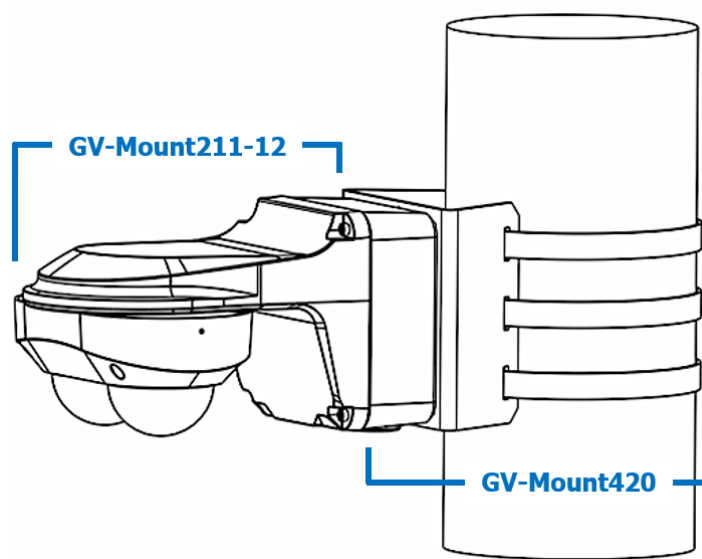


3.6 Pole Mounting

3.6.1 Pole Mounting with GV-Mount420 / 440-1

The mounting requires GV-Mount420 and GV-Mount211-12, or GV-Mount440-1 and GV-Mount211-12 / 211-16.

The following illustration uses GV-Mount420 and GV-Mount211-12 as an example.



GV-Mount420 Packing List

1. GV-Mount420 Pole Mount Bracket	2. M4 Screw x 4
3. Additional Screw Kit <ul style="list-style-type: none"> • M6 Screw x 4 • M6 Nut x 4 • M6 Plain Washer x 4 • M6 Split Washer x 4 	

GV-Mount440-1 Packing List

1. GV-Mount440-1 Pole Mount Bracket	2. M4 Screw x 4
-------------------------------------	-----------------

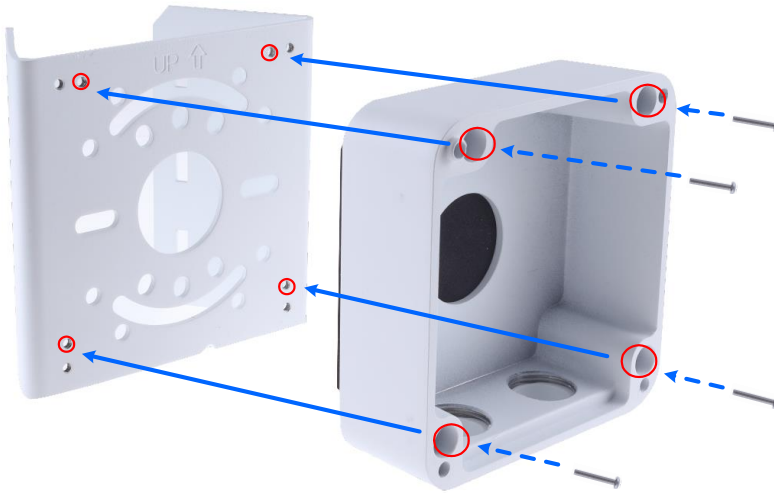
Applicable Models

- **GV-TMS8800:**
GV-Mount420 must be used with GV-Mount211-12;
GV-Mount440-1 must be used with GV-Mount211-12 / 211-16.

GV-Mount420 / 440-1 + GV-Mount211-12 / 211-16 Installation

1. Unscrew the bottom of GV-Mount211-12 / 211-16 to separate the two parts.
2. Align and attach the bottom of GV-Mount211-12 / 211-16 to GV-Mount420 / 440-1 using the supplied screws as indicated.

GV-Mount420 (for GV-Mount211-12)



GV-Mount440-1 (for GV-Mount211-12)

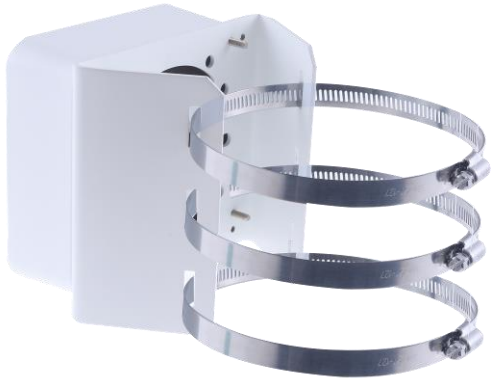


GV-Mount440-1 (for GV-Mount211-16)



Note: Make sure the direction of the UP ↑ indicators on the 2 parts are placed pointing upward.

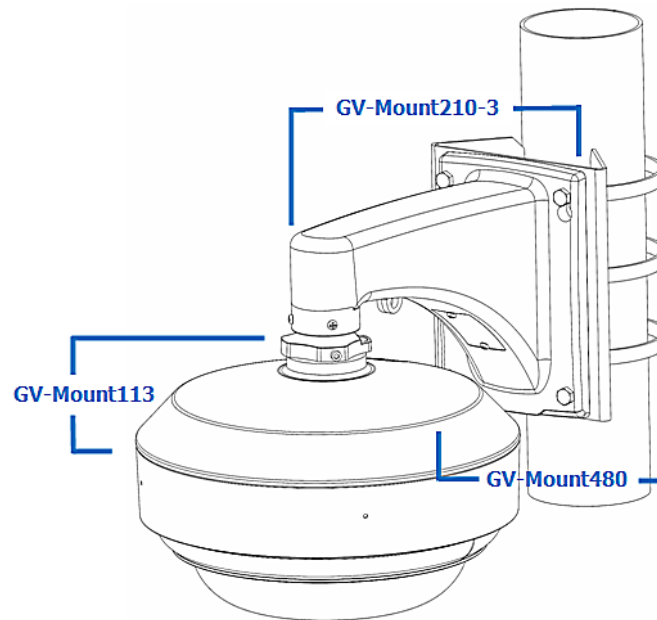
3. Thread the 3 steel straps onto the back plate.



4. Follow Steps 4 to 7 in *Wall Mounting with GV-Mount211-12* earlier in this chapter to assemble GV-Mount211-12 / 211-16.
5. Secure the camera onto the desired pole by tightening the steel straps.

3.6.2 Pole Mounting with GV-Mount480

The mounting requires GV-Mount480, GV-Mount210-3, and GV-Mount113.



GV-Mount480 Packing List

1. GV-Mount480 Pole Mount Bracket	2. Clamp x 3
3. M8 Screw Anchor (25 mm) x 4	4. D8 Flat Washer x 4
5. D8 Spring Washer x 4	

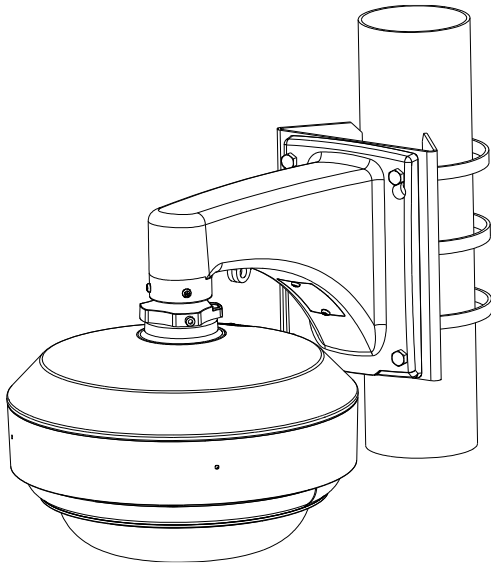
Applicable Models

- **GV-TMS20811:** GV-Mount480 must be used with GV-Mount210-3.

Note: GV-Mount210-3 must be used with GV-Mount113.

GV-Mount480 + GV-Mount210-3 + GV-Mount113 Installation

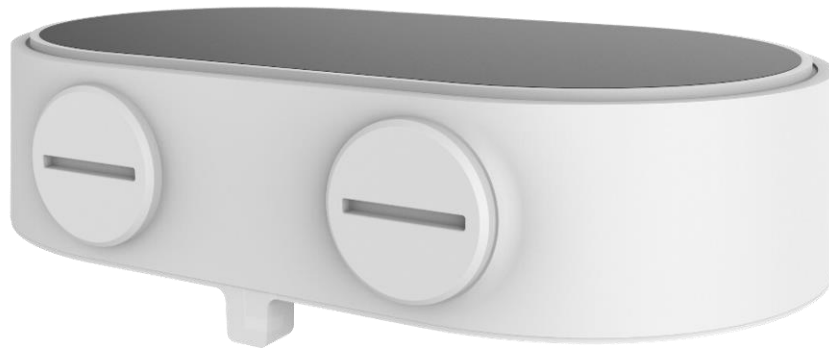
1. Secure the GV-Mount480 pole mount bracket using the hoop and thread the external cables through.
2. Secure the GV-Mount210-3 wall mount bracket to the GV-Mount480 pole mount bracket by referring to Step 1 in *Wall Pendant Mounting with GV-Mount210-3* earlier in this chapter.
3. Mount the GV-Mount113 adapter plate by referring to Steps 2 to 3 in *Wall Pendant Mounting with GV-Mount210-3* earlier in this chapter.
4. Mount the camera base and cover by referring to Steps 4 to 8 in 8.3.2 *GV-TMS20811* in the [Quick Start Guide](#).



3.7 Wall Box Mounting

3.7.1 Wall Box Mounting with GV-Mount511

The mounting requires GV-Mount511.



GV-Mount511 Packing List

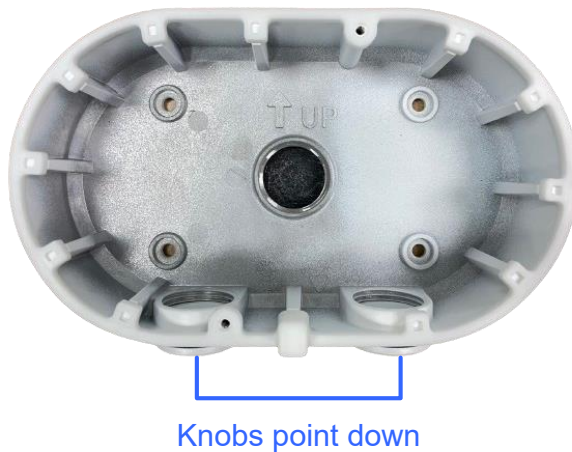
1. GV-Mount511 Dual-sensor Dome Junction Box	2. M3 Screw (25 mm) x 4
3. M3 Screw (12 mm) x 2	4. Screw Anchor x 4
5. Drill Template Paster	

Applicable Models

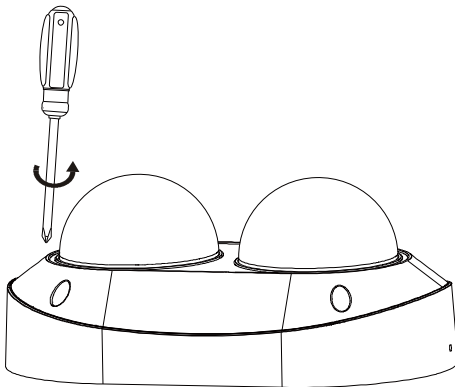
- GV-TMS8800

GV-Mount511 Installation

1. Drill 4 mounting holes and a hole at the center socket location on the wall using the drill template paster.
2. Insert 4 screw anchors to the mounting screw location and secure GV-Mount511 to the wall with the supplied screws. Note that the knobs should point down.



3. Unscrew the four screws of the camera to remove the housing from the camera base.

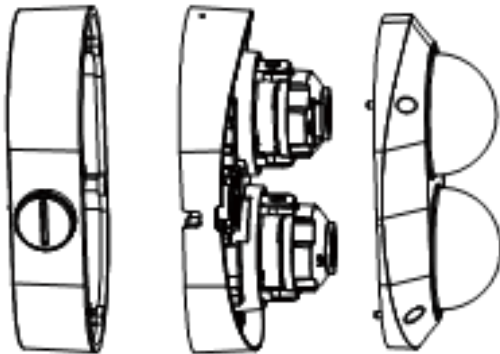


4. Cut open GV-Mount511 base and thread the camera cables through the center socket and waterproof the Ethernet cable. For details, see *1.10 Waterproofing the Cable* in the User's Manual.
5. Fit the cables into GV-Mount511.

6. Secure the camera base onto GV-Mount511 using the 2 supplied screws as indicated below:

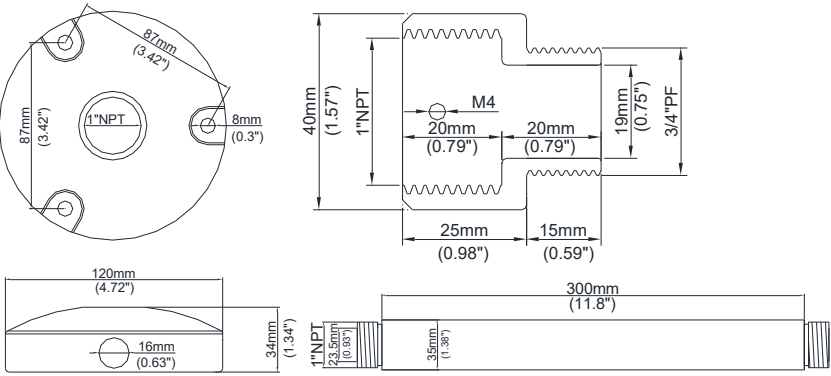
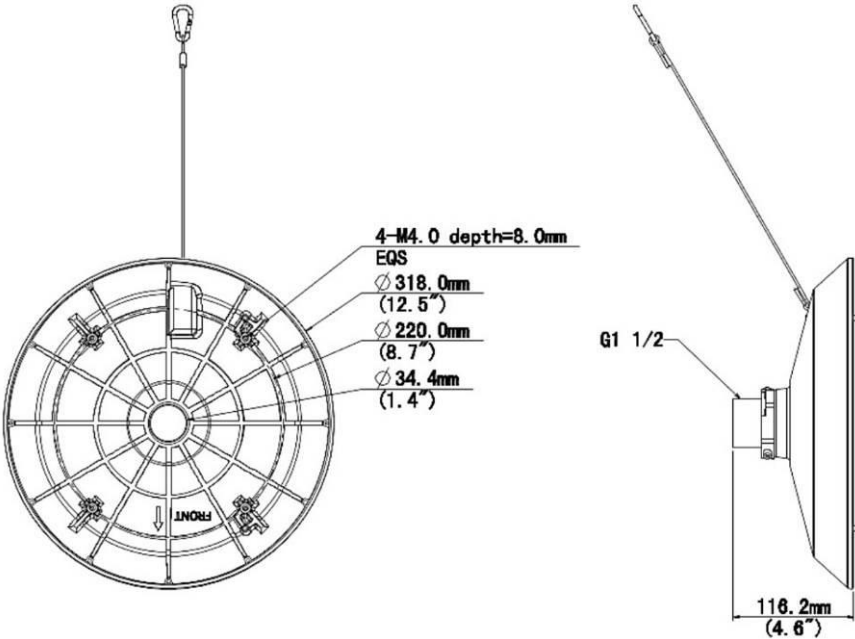


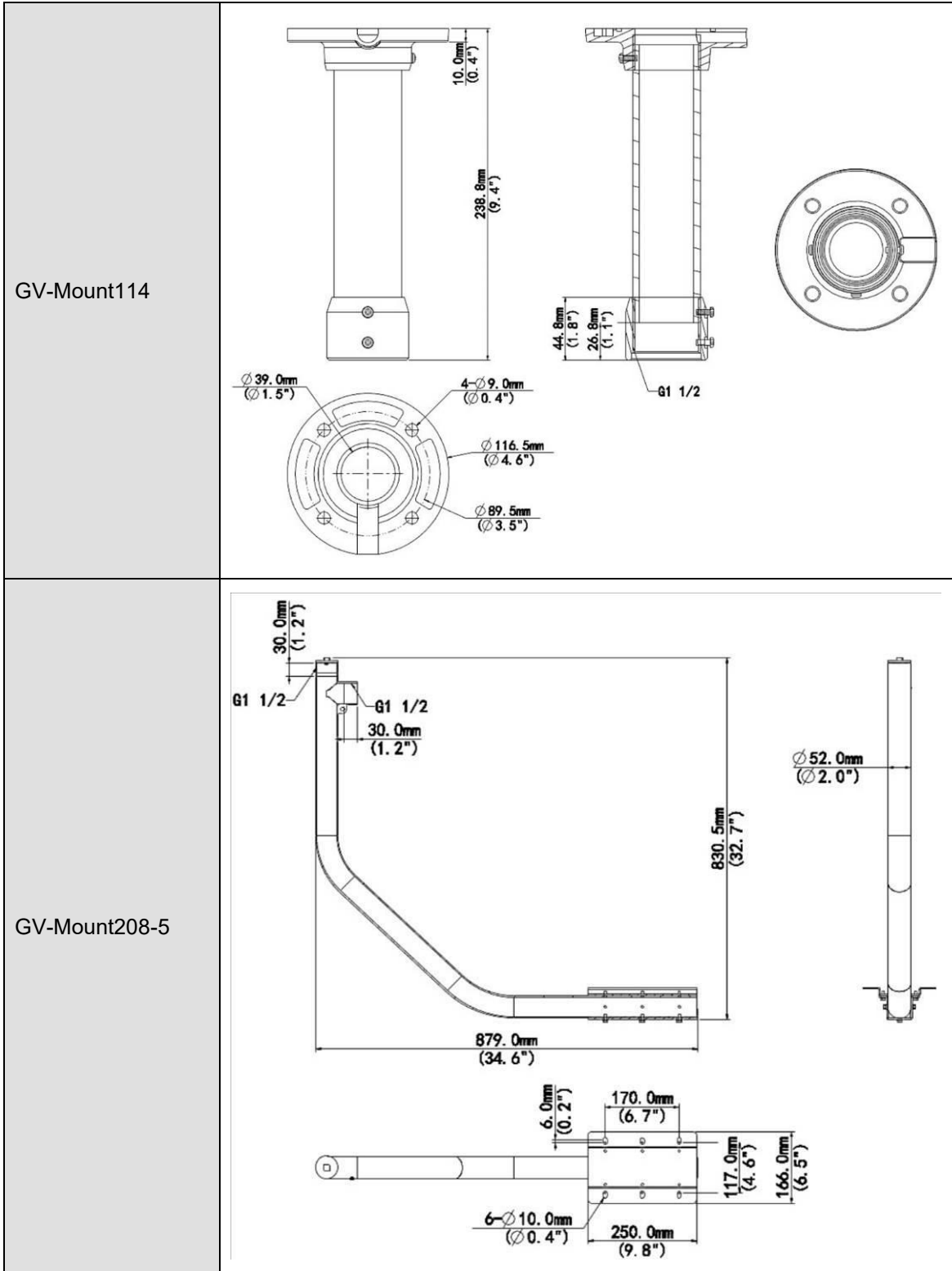
7. Adjust the camera lens angles if necessary, and fix the housing to the camera base.

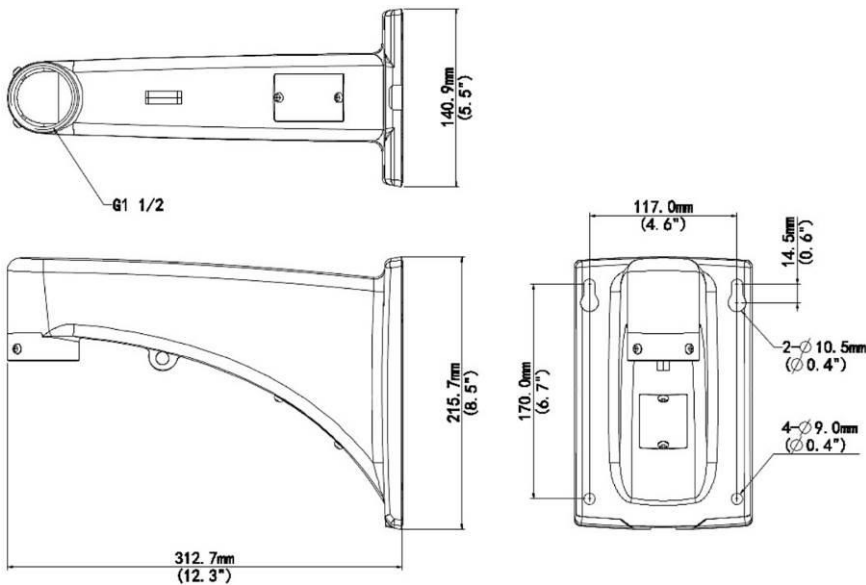
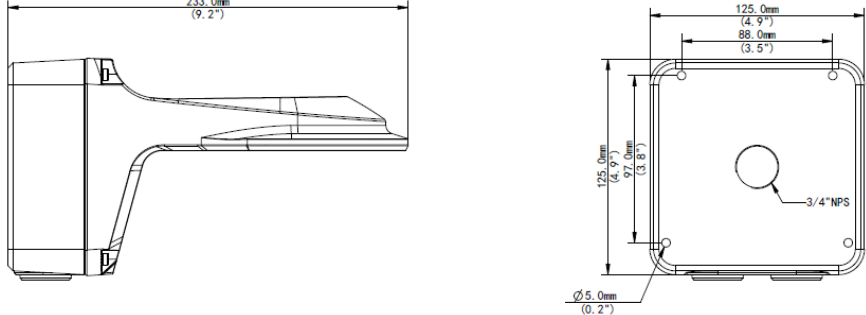
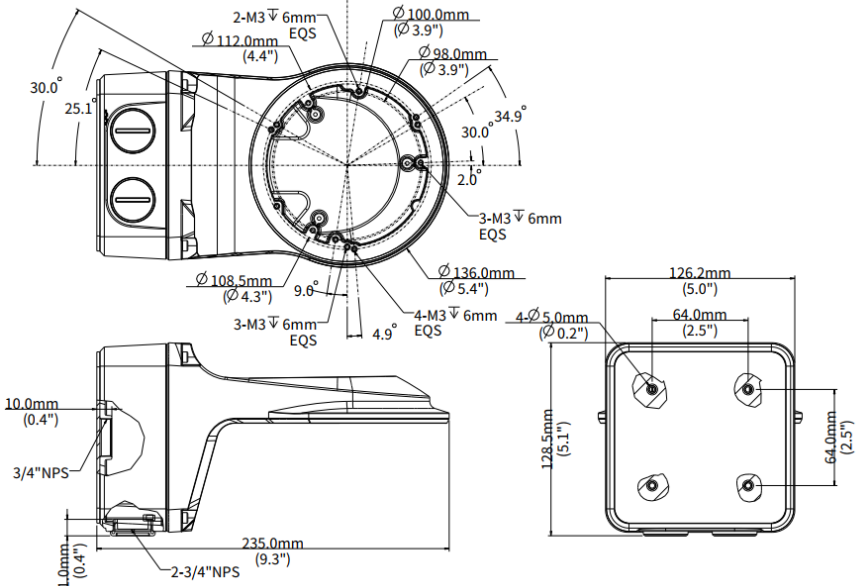


Appendix GV-Mount Dimensions

Dimensions of various GV-Mounts are illustrated below:

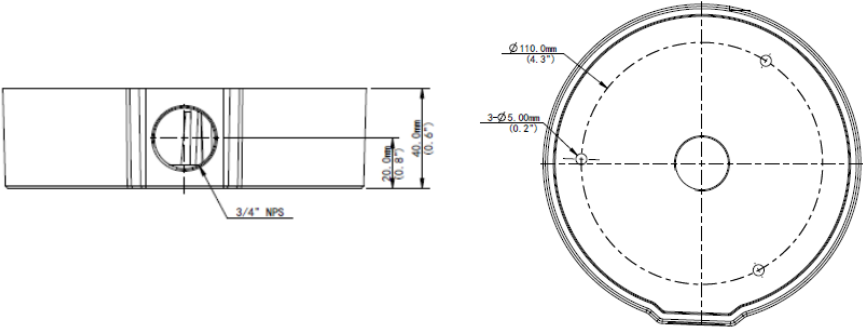
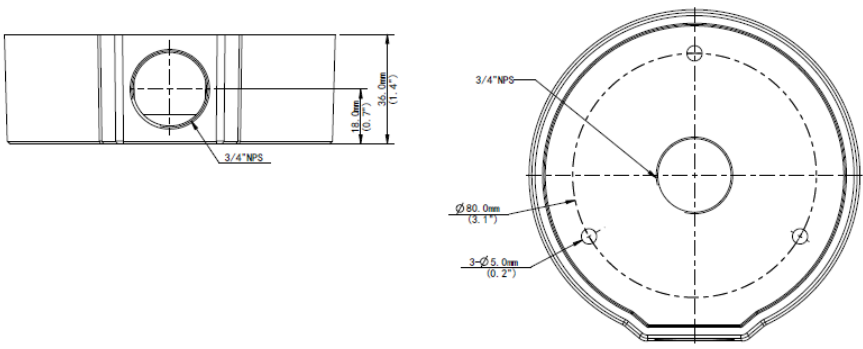
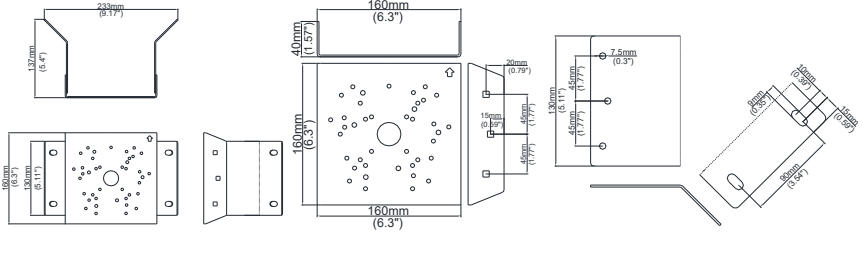
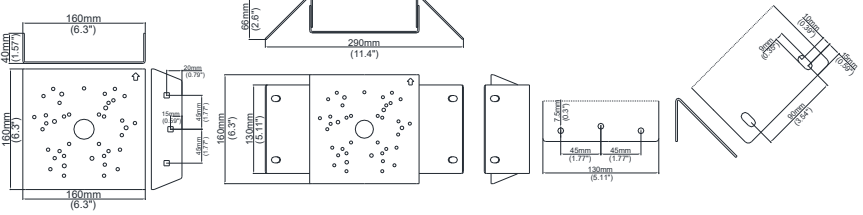
GV-Mount Models	Dimensions
GV-Mount107	 <p>Technical drawing of GV-Mount107 showing top, side, and detail views with dimensions in mm and inches.</p> <ul style="list-style-type: none"> Top view: 87mm (3.42") diameter, 1" NPT central hole, 8mm (0.3") hole offset. Side view: 120mm (4.72") diameter, 34mm (1.34") height. Detail view: 40mm (1.57") height, 1" NPT thread, M4 hole, 20mm (0.79") spacing, 25mm (0.98") and 15mm (0.59") offsets, 19mm (0.75") height, 3/4" PF thread. Bottom view: 300mm (11.8") length, 16mm (0.63") diameter hole, 3.5mm (0.137") offset.
GV-Mount113	 <p>Technical drawing of GV-Mount113 showing front and side views with dimensions in mm and inches.</p> <ul style="list-style-type: none"> Front view: 4-M4.0 depth=8.0mm EGS, 318.0mm (12.5") diameter, 220.0mm (8.7") diameter, 34.4mm (1.4") diameter. Side view: G1 1/2 connection, 116.2mm (4.6") height.

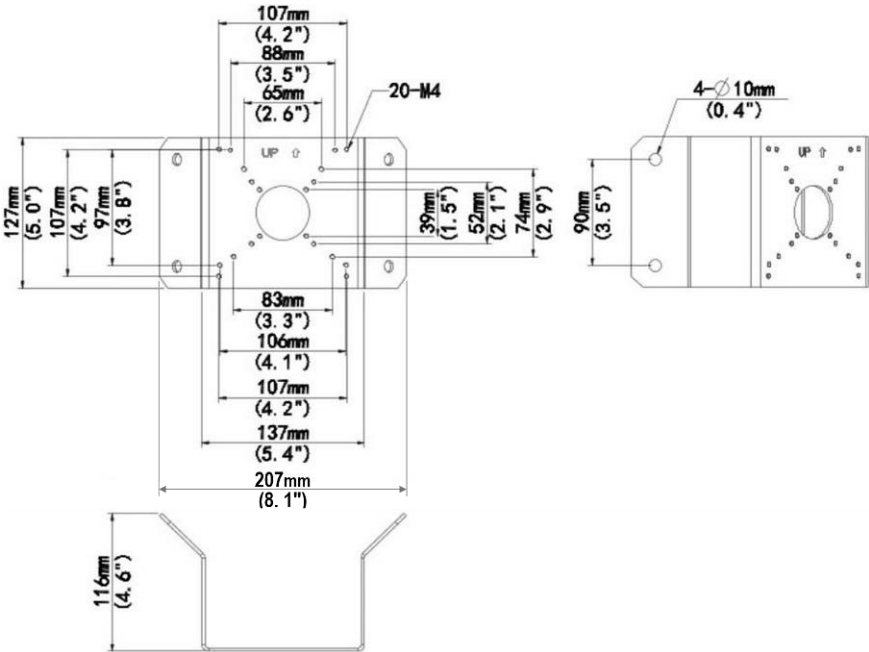
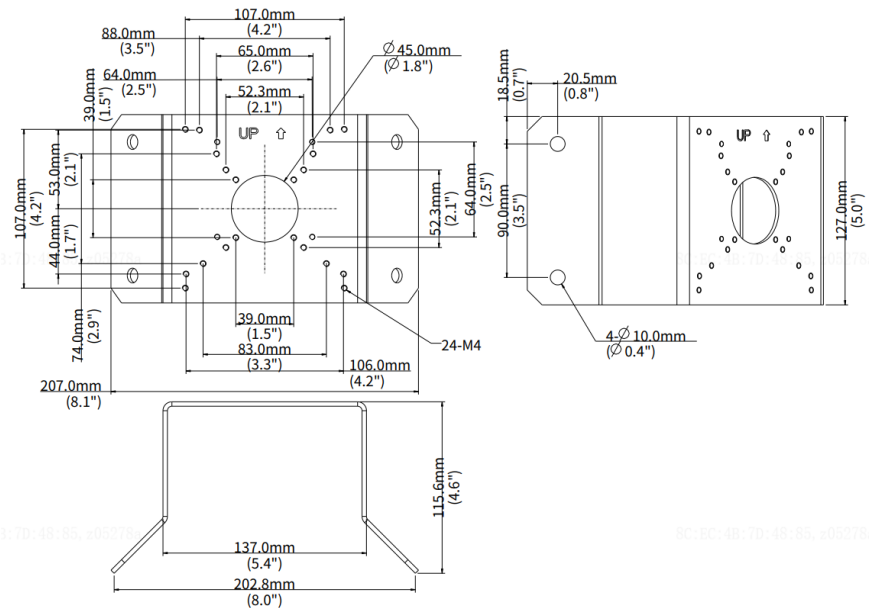


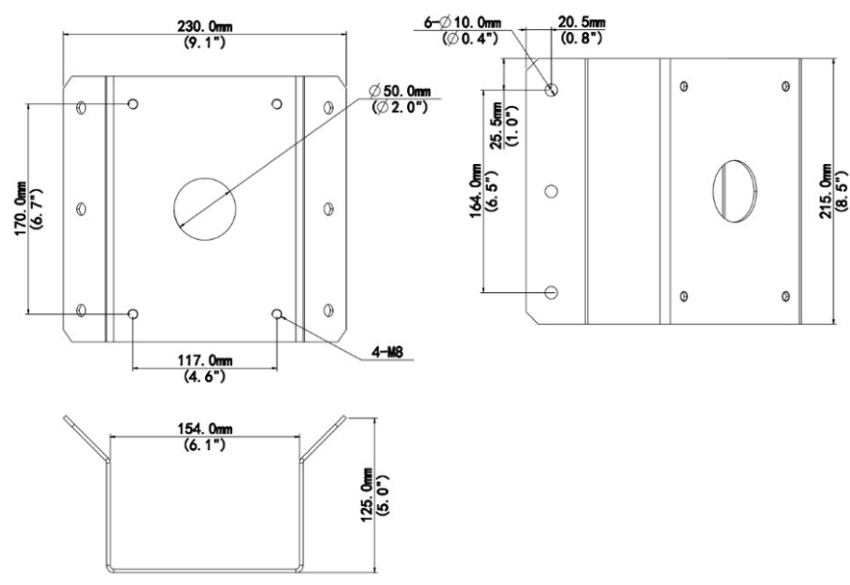
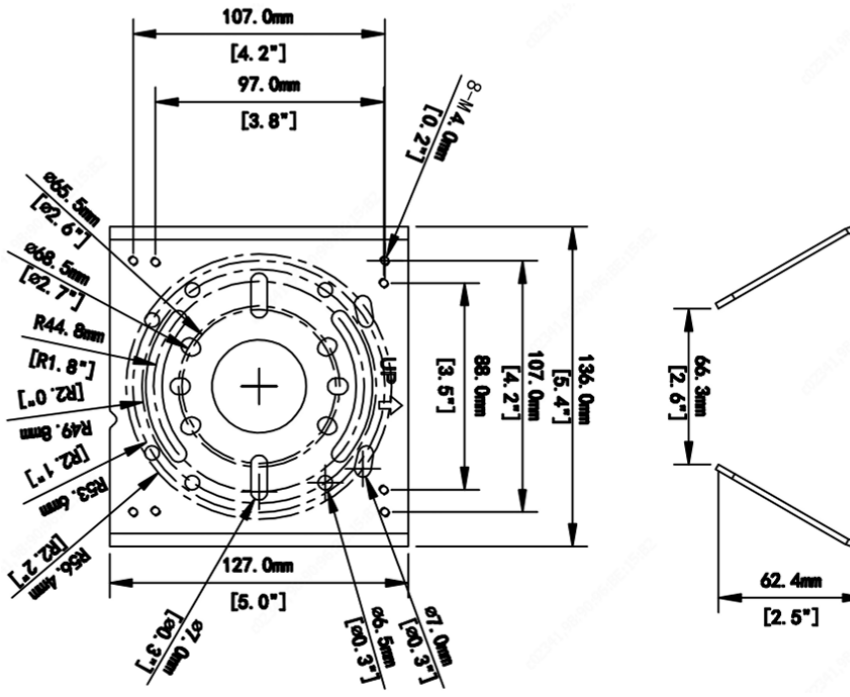
<p>GV-Mount210-3</p>	 <p>Technical drawing of GV-Mount210-3 showing side, front, and top views with dimensions:</p> <ul style="list-style-type: none"> Side view: 140.9mm (5.5") Front view: 312.7mm (12.3") Top view: 117.0mm (4.6"), 170.0mm (6.7"), 14.5mm (0.6") Top view mounting holes: 2-\varnothing 10.5mm (\varnothing 0.4"), 4-\varnothing 9.0mm (\varnothing 0.4") Thread: \varnothing 1 1/2
<p>GV-Mount211P</p>	 <p>Technical drawing of GV-Mount211P showing side and top views with dimensions:</p> <ul style="list-style-type: none"> Side view: 233.0mm (9.2") Top view: 125.0mm (4.9"), 88.0mm (3.5"), 125.0mm (4.9"), 88.0mm (3.5"), 125.0mm (4.9"), 88.0mm (3.5") Top view mounting hole: \varnothing 5.0mm (0.2") Top view mounting hole: 3/4" NPS
<p>GV-Mount211-1</p>	 <p>Technical drawing of GV-Mount211-1 showing top, side, and front views with detailed dimensions:</p> <ul style="list-style-type: none"> Top view: \varnothing 100.0mm (\varnothing 3.9"), \varnothing 112.0mm (4.4"), \varnothing 98.0mm (\varnothing 3.9"), \varnothing 108.5mm (\varnothing 4.3"), \varnothing 136.0mm (\varnothing 5.4") Top view mounting holes: 2-M3 ∇ 6mm EQS, 3-M3 ∇ 6mm EQS, 4-M3 ∇ 6mm EQS Top view mounting hole: 4-\varnothing 5.0mm (\varnothing 0.2") Side view: 30.0°, 25.1°, 30.0°, 34.9°, 2.0°, 9.6°, 4.9° Front view: 10.0mm (0.4"), 11.0mm (0.4"), 235.0mm (9.3"), 3/4" NPS, 2-3/4" NPS Front view mounting holes: 3/4" NPS Front view mounting hole: 4-\varnothing 5.0mm (\varnothing 0.2") Top view dimensions: 126.2mm (5.0"), 64.0mm (2.5"), 128.5mm (5.1"), 64.0mm (2.5")

<p>GV-Mount211-2</p>	
<p>GV-Mount211-3</p>	
<p>GV-Mount211-12</p>	

<p>GV-Mount211-16</p>	<p>Technical drawing of GV-Mount211-16 showing top, side, and front views with dimensions:</p> <ul style="list-style-type: none"> Top view: $\varnothing 100.0\text{ mm}$ ($\varnothing 3.9''$), 24.7°, $2\text{-M3 } \nabla 6\text{ mm EQS}$, 125.6 mm ($4.9''$), 64.0 mm ($2.5''$), $4\text{-}\varnothing 5.0\text{ mm}$ ($\varnothing 0.2''$), 128.8 mm ($5.1''$), 64.0 mm ($2.5''$) Side view: 10.0 mm ($0.4''$), 11.0 mm ($0.4''$), 231.4 mm ($9.1''$) Front view: 128.8 mm ($5.1''$), 64.0 mm ($2.5''$)
<p>GV-Mount212P</p>	<p>Technical drawing of GV-Mount212P showing side and top views with dimensions:</p> <ul style="list-style-type: none"> Side view: 18.0 mm ($0.7''$), 36.0 mm ($1.4''$), $3/4''\text{NPS}$ Top view: $\varnothing 80.0\text{ mm}$ ($3.1''$), $3\text{-}\varnothing 5.0\text{ mm}$ ($\varnothing 0.2''$)
<p>GV-Mount212-1</p>	<p>Technical drawing of GV-Mount212-1 showing top and side views with dimensions:</p> <ul style="list-style-type: none"> Top view: $4\text{-M3 } \nabla 8\text{ mm EQS}$, $3\text{-M3 } \nabla 8\text{ mm EQS}$, $3\text{-}\varnothing 3.5\text{ mm EQS}$ ($\varnothing 0.1''$), $\varnothing 126.0\text{ mm}$ ($\varnothing 5.0''$), $\varnothing 112.0\text{ mm}$ ($\varnothing 4.4''$), $\varnothing 108.5\text{ mm}$ ($\varnothing 4.3''$), $\varnothing 80.0\text{ mm}$ ($\varnothing 3.2''$) Side view: 37.0 mm ($1.5''$), 9.0 mm ($0.4''$), $3/4''\text{NPS}$, 6.3 mm ($0.2''$), $3/4''\text{NPS}$

<p>GV-Mount212-2</p>	
<p>GV-Mount213</p>	
<p>GV-Mount300-2</p>	
<p>GV-Mount310-2</p>	

<p>GV-Mount312</p>	 <p>Technical drawing of GV-Mount312 showing front, side, and rear views with dimensions in mm and inches. Key dimensions include: 107mm (4.2"), 88mm (3.5"), 65mm (2.6"), 20-M4, 127mm (5.0"), 107mm (4.2"), 97mm (3.8"), 39mm (1.5"), 52mm (2.1"), 74mm (2.9"), 90mm (3.5"), 4-Ø10mm (Ø0.4"), 83mm (3.3"), 106mm (4.1"), 107mm (4.2"), 137mm (5.4"), 207mm (8.1"), and 116mm (4.6").</p>
<p>GV-Mount312-1</p>	 <p>Technical drawing of GV-Mount312-1 showing front, side, and rear views with dimensions in mm and inches. Key dimensions include: 107.0mm (4.2"), 88.0mm (3.5"), 65.0mm (2.6"), Ø45.0mm (Ø1.8"), 107.0mm (4.2"), 64.0mm (2.5"), 52.3mm (2.1"), 39.0mm (1.5"), 64.0mm (2.5"), 52.3mm (2.1"), 106.0mm (4.2"), 24-M4, 18.5mm (0.7"), 20.5mm (0.8"), 90.0mm (3.5"), 127.0mm (5.0"), 107.0mm (4.2"), 53.0mm (2.1"), 44.0mm (1.7"), 74.0mm (2.9"), 39.0mm (1.5"), 83.0mm (3.3"), 207.0mm (8.1"), 115.6mm (4.6"), 137.0mm (5.4"), and 202.8mm (8.0").</p>

<p>GV-Mount313</p>	 <p>Technical drawing of GV-Mount313 showing front, side, and detail views with dimensions in mm and inches.</p> <ul style="list-style-type: none"> Front view: 230.0mm (9.1") width, 170.0mm (6.7") height, 117.0mm (4.6") mounting hole offset, 4-M8 mounting holes. Side view: 164.0mm (6.5") height, 215.0mm (8.5") depth. Detail view: 6-\varnothing 10.0mm (\varnothing 0.4") holes, 20.5mm (0.8") offset, 25.5mm (1.0") hole diameter. Bottom view: 154.0mm (6.1") width, 125.0mm (5.0") height.
<p>GV-Mount420</p>	 <p>Technical drawing of GV-Mount420 showing top, side, and detail views with dimensions in mm and inches.</p> <ul style="list-style-type: none"> Top view: 107.0mm [4.2"] width, 97.0mm [3.8"] mounting hole offset, 8-M4.0mm [0.2"] mounting holes. Side view: 136.0mm [5.4"] height, 107.0mm [4.2"] mounting hole offset, 88.0mm [3.5"] mounting hole offset, 66.3mm [2.6"] depth. Detail view: 127.0mm [5.0"] mounting hole offset, 67.0mm [2.6"] mounting hole offset, 66.5mm [2.6"] mounting hole offset, 61.0mm [2.4"] mounting hole offset. Other dimensions: \varnothing45.5mm [1.8"] hole diameter, \varnothing48.5mm [1.9"] hole diameter, R44.8mm [1.8"] radius, R1.8mm [0.07"] radius, R49.8mm [1.9"] radius, R53.6mm [2.1"] radius, R56.4mm [2.2"] radius.

<p>GV-Mount440</p>	<p>Technical drawing of GV-Mount440 showing top and side views. Dimensions include: 136.00mm (5.4"), 107.00mm (4.2"), 88.00mm (3.5"), 65.00mm (2.6"), 52.33mm (2.1"), 39.00mm (1.5"), 197.00mm (7.8"), 50.00mm (2.0"), 31.50mm (1.2"), 20-M4, 40.00mm (1.6"), 83.00mm (3.3"), 106.00mm (4.2"), 107.00mm (4.2"), 39.00mm (1.5"), 52.33mm (2.1"), 64.00mm (2.5"), 97.00mm (3.8"), 107.00mm (4.2"), 62.35mm (2.5").</p>
<p>GV-Mount440-1</p>	<p>Technical drawing of GV-Mount440-1 showing top and side views. Dimensions include: 107.00mm (4.2"), 65.00mm (2.6"), 64.00mm (2.5"), 52.3mm (2.1"), 39.0mm (1.5"), 40.0mm (1.6"), 107.0mm (4.2"), 88.0mm (3.5"), 32.5mm (1.3"), 41.5mm (1.6"), 39.0mm (1.5"), 39.0mm (1.5"), 52.3mm (2.1"), 44.0mm (1.7"), 53.0mm (2.1"), 64.0mm (2.5"), 24-M4, 106.0mm (4.2"), 136.0mm (5.4"), 83.0mm (3.3"), 66.3mm (2.6"), 63.6mm (2.5"), 14.0mm (0.6"), 99.0mm (3.9"), 19.0mm (0.7"), 127.0mm (5.0").</p>
<p>GV-Mount480</p>	<p>Technical drawing of GV-Mount480 showing top and side views. Dimensions include: 117.0mm (4.6"), 50.0mm (2.0"), 170.0mm (6.7"), 172.0mm (6.8"), 4-M8, 27.5mm (1.1"), 160.0mm (6.3"), 20.0mm (0.8"), 215.0mm (8.5"), 65.5mm (2.6"), 65.0mm (2.6").</p>

<p>GV-Mount502</p>	
<p>GV-Mount503</p>	
<p>GV-Mount503-1</p>	
<p>GV-Mount504</p>	

<p>GV-Mount511</p>	
<p>GV-Mount606</p>	
<p>GV-Mount704 10 / 20 / 30 / 50 cm</p>	
<p>GV-Mount924</p>	