**GeoVision** inc.
*The Vision of Security*

# GV-G Series IP Camera Mount

*Installation Guide*

- GV-Mount112
- GV-Mount211-4 / 211-6 / 211-8 / 211-9 / 211-11 / 211-13
- GV-Mount470
- GV-Mount506 / 506-1
- GV-Mount507 / 507-1
- GV-Mount509
- GV-Mount510
- GV-Mount512
- GV-Mount925

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[Warranty]



[Technical Support Policy]

# Contents

# Preface

Welcome to the *GV-G Series IP Camera Mount Installation Guide*.

This Installation Guide is designed for the following models:

| Model | Model Number |
|---|---|
| Bullet IP Camera | GV-GBL4900 / GBL4911 / GBL12811 |
| | GV-GBLF2802 |
| Fixed Rugged IP Dome | GV-GDR4900 |
| Eyeball Dome | GV-GEB4900 / GEBF4911 |
| Fisheye Rugged IP Camera | GV-GFER6900 |
| Vandal Proof IP Dome | GV-GVD4910 |

# 1. Pendant Mounting with GV-Mount112



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount112 | 2. | Screw (4 x 10 mm) x 3 |
| 3. | Screw (4 x 25 mm) x 3 | 4. | Waterproof Ring x 3 |
| 5. | Plastic Case (6 x 29 mm) x 3 | 6. | Drill Template Paster |

## Applicable Models

- GV-GFER6900

**Dimensions**
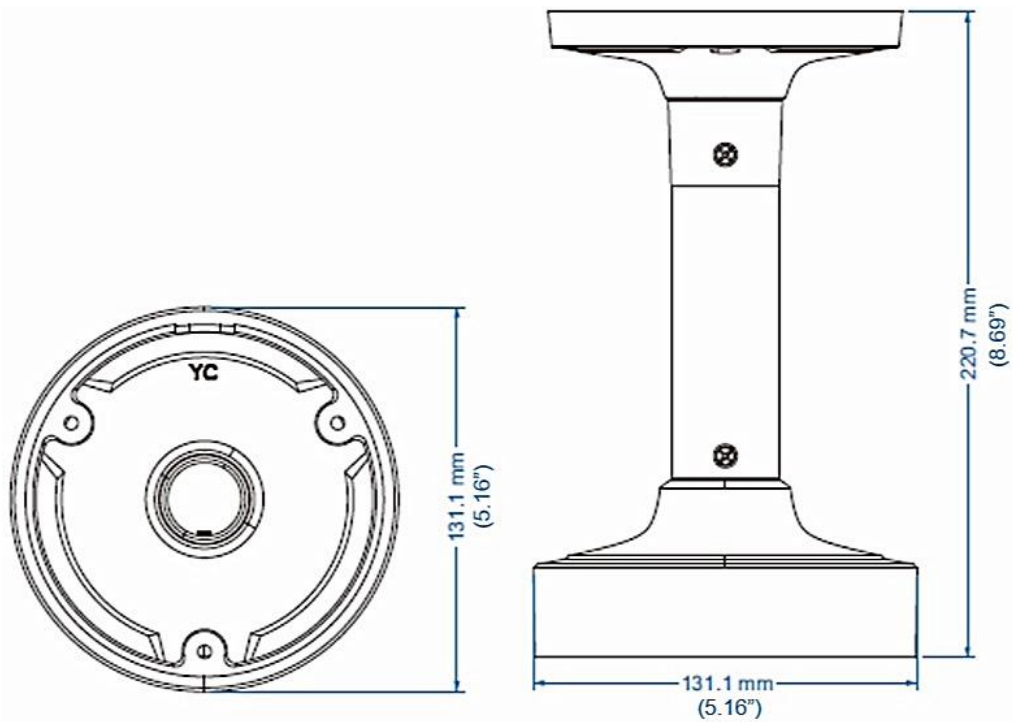


**Installation**

The steps below show an example installation of GV-GFER6900 using GV-Mount112.

1.  Attach the drill template to the place where you want to fix the bracket. Then drill the screw holes according to the drill template.
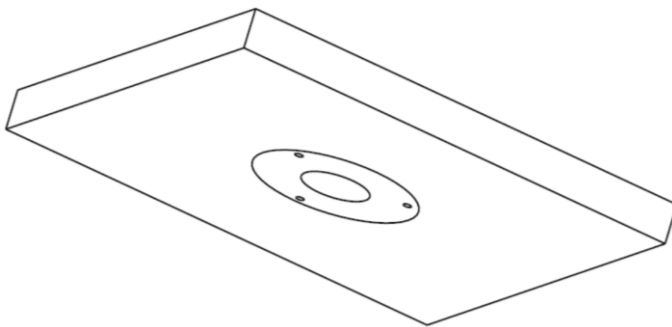


2.  Tear off the drill template and insert the plastic plugs.
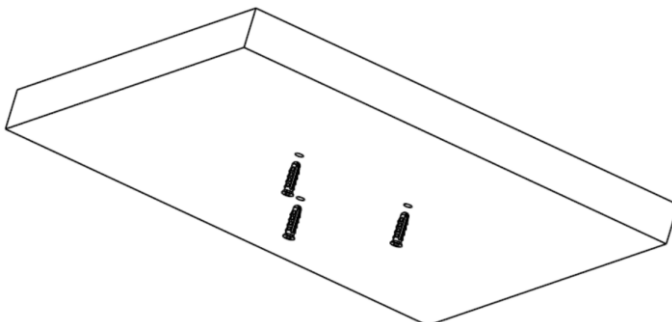
3. Install the sponge and the rubber plug respectively to the mounting base.



Rubber plug — Sponge
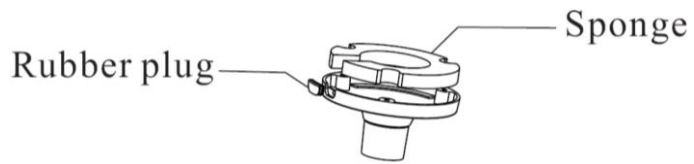
4. Fix the mounting base to the wall with the screws provided.



5. Install ⓐ to the mounting base according to the screw thread.
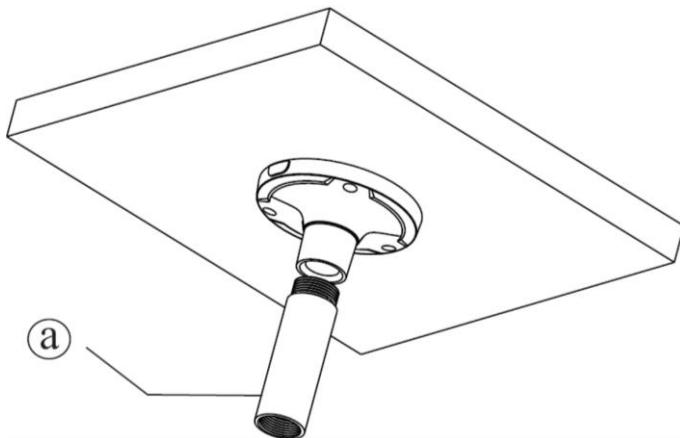


ⓐ

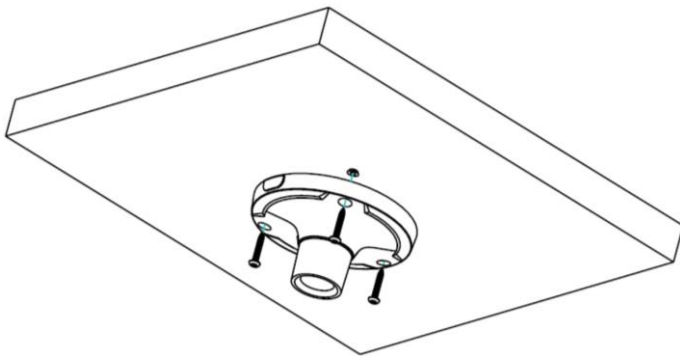6.  Mount the water-proof ring to ⓑ, and then screw ⓑ with the water-proof ring into ⓐ.
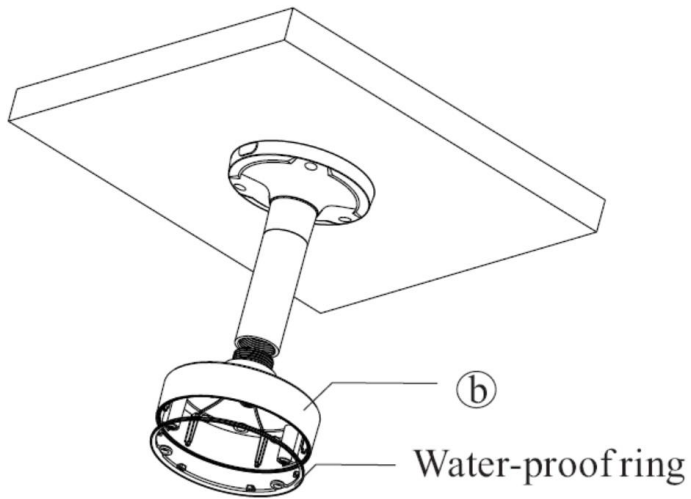


ⓑ
Water-proof ring

7.  Remove the fixed ring from the gap of the camera and then open the cover of the microSD card slot. After that, insert a microSD card.
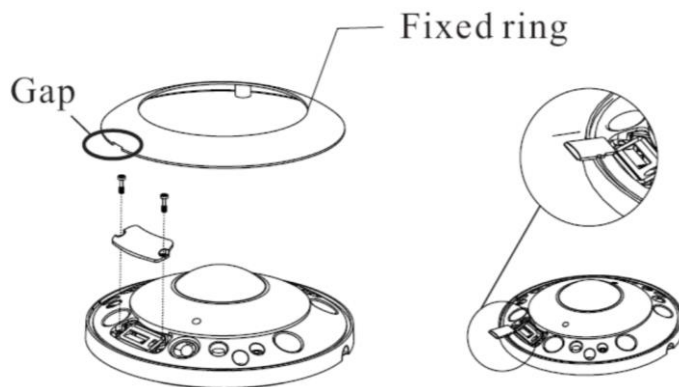


Fixed ring
Gap

8.  Install the cover of microSD card slot and then fasten the camera onto the bracket with screws.
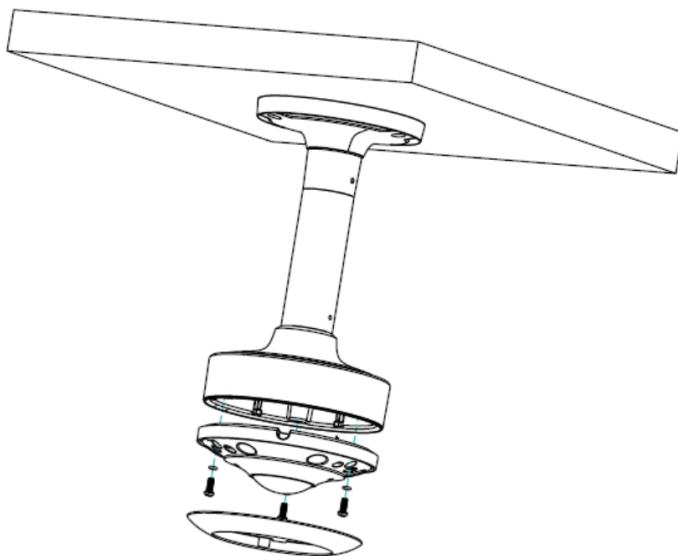
9. Install the fixed ring back to the camera and then fix the bracket with screws.
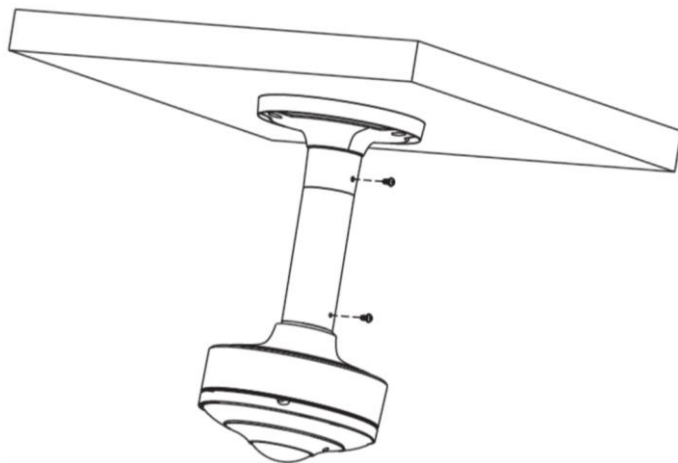
# 2. Wall Bracket Mounting with GV-Mount211-4



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount211-4 | 2. | Short Screw (4 x 10 mm) x 4 |
| 3. | Long Screw (4 x 25 mm) x 4 | 4. | Colloidal Particle x 4 |
| 5. | Hex Key x 1 | 6. | Drill Template Paster |

## Applicable Models

- GV-GDR4900 / GEB4900 / GEBF4911

## Dimensions
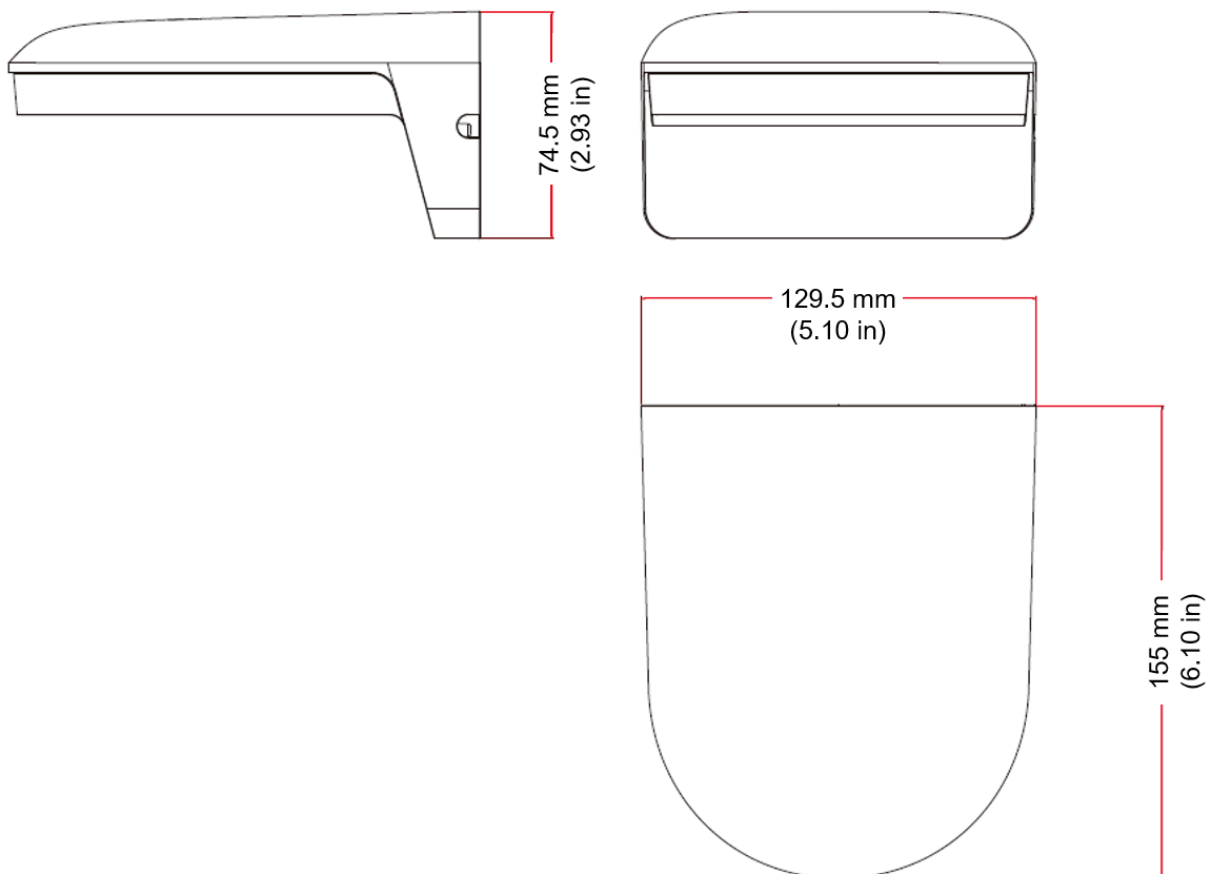


74.5 mm (2.93 in)

129.5 mm (5.10 in)

155 mm (6.10 in)

![GeoVision Inc logo]

## Installation

Before installation, make sure that the wall is strong enough to withstand 3 times the weight of the brackets and the camera. The steps below take straight cable outlet from the wall for example.

1. Unscrew and remove the mounting base of GV-Mount211-4.



2. Loosen the set screw and detach the mounting base of the camera.



Set Screw
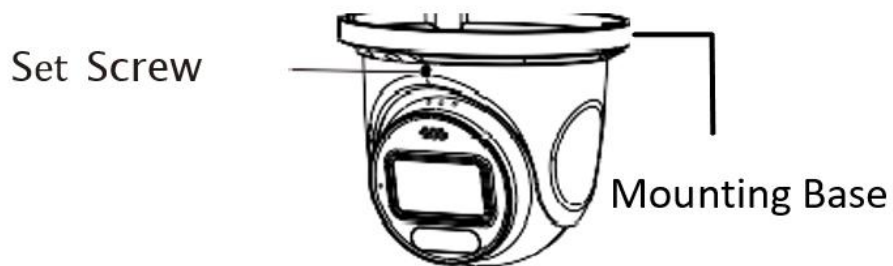
Mounting Base

3. Secure the camera's mounting base to GV-Mount211-4, and install the dome and enclosure to the camera's mounting base.



Mounting Base

Enclosure

Dome
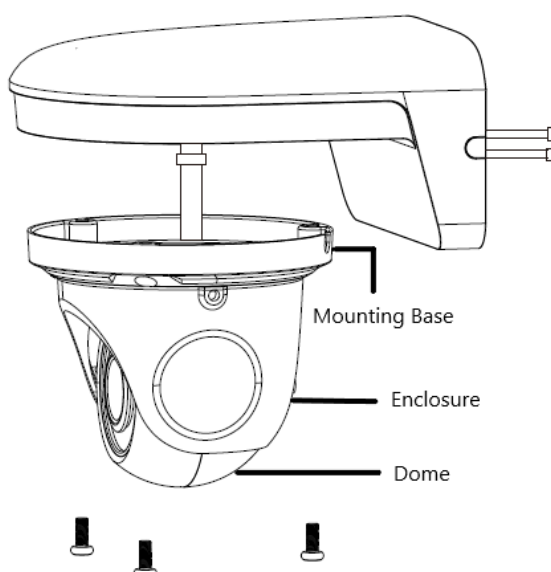
4. Drill the screw holes on the wall according to the drill template.
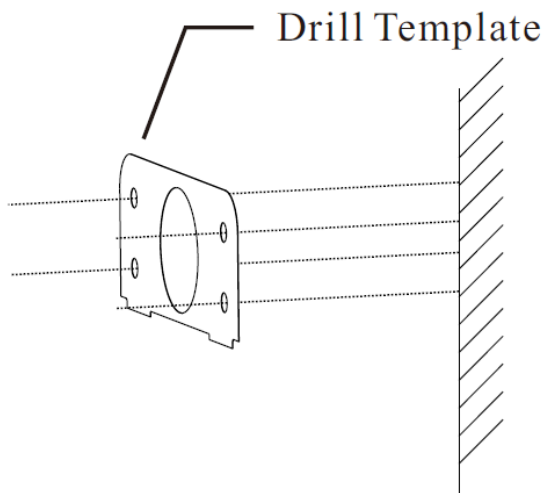


5. Secure the mounting base of GV-Mount211-4 to the wall.
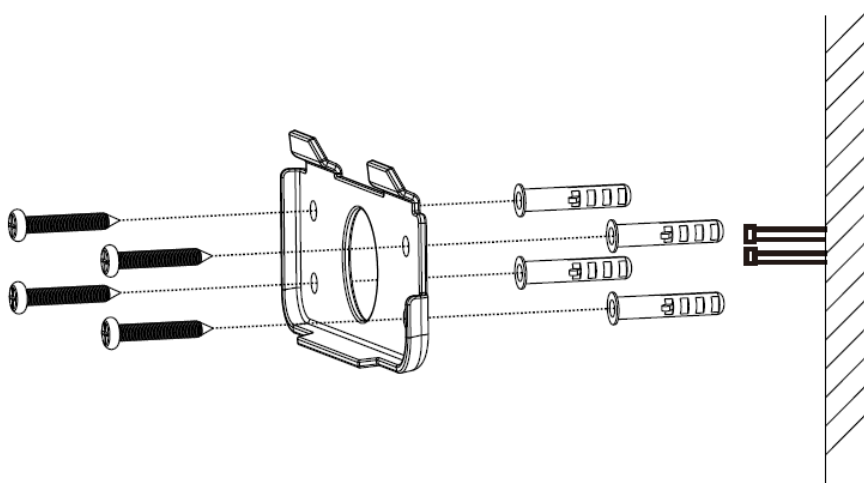


6. Route the cables through the cable hole and connect the cables.
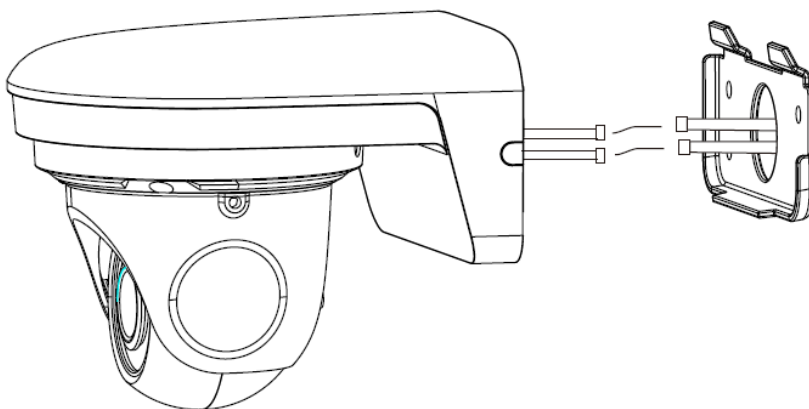
7.  Fix GV-Mount211-4 to its mounting base on the wall.
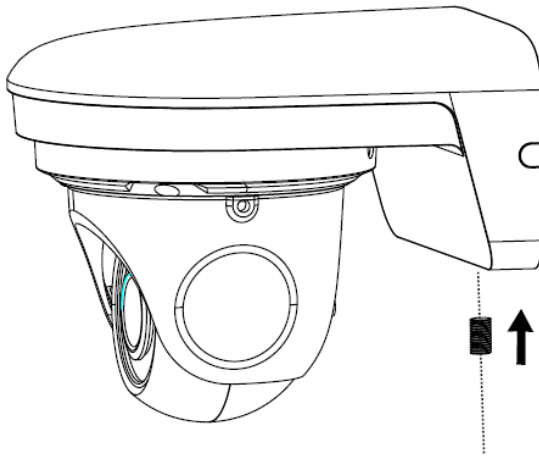
# 3. Wall Bracket Mounting with GV-Mount211-6 / 211-8



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount211-6 / 211-8 | 2. | Screw (3 x 6 mm) x 2 |
| 3. | Screw (6 x 12 mm) x 4 | 4. | Screw (4 x 25 mm) x 3 |
| 5. | Waterproof Ring x 4 | 6. | Plastic Case (6 x 29 mm) x 3 |
| 7. | Drill Template Paster | | |

## Applicable Models

- **GV-Mount211-6:** GV-GEBF4911 / GVD4910
- **GV-Mount211-8:** GV-GEB4900

**Note:**

1. For GV-GEBF4911, GV-Mount211-6 must be used with GV-Mount506.

2. For GV-GVD4910, GV-Mount211-6 must be used with GV-Mount510.

3. GV-Mount211-8 must be used with GV-Mount506-1.

# Dimensions

**GV-Mount211-6**
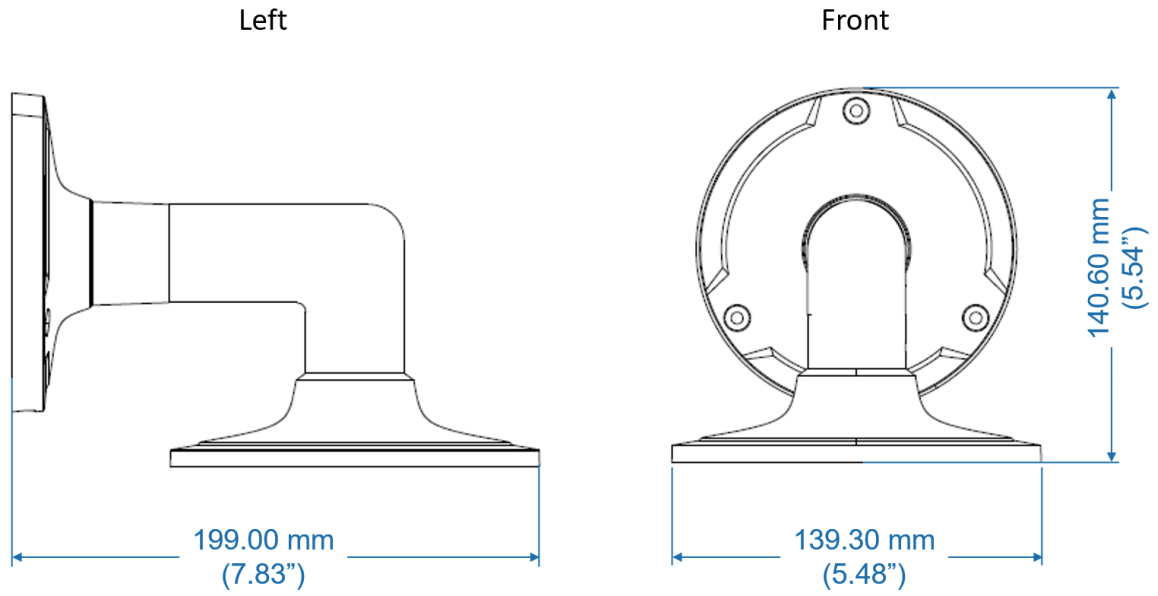
Left

Front



199.00 mm
(7.83")

139.30 mm
(5.48")

140.60 mm
(5.54")

**GV-Mount211-8**

Left

Front



188.40 mm
(7.41")

121.00 mm
(4.76")

137.30 mm
(5.4")

## Installation

The steps below show an example installation of GV-GEBF4911, using GV-Mount211-6 paired with GV-Mount506.

1. Open the mounting base and the upper cover of GV-Mount506.



2. Loosen the set screw and detach the mounting base of the camera.



3. Secure the camera's mounting base to the upper cover of GV-Mount506, and install the dome and enclosure to the camera's mounting base.
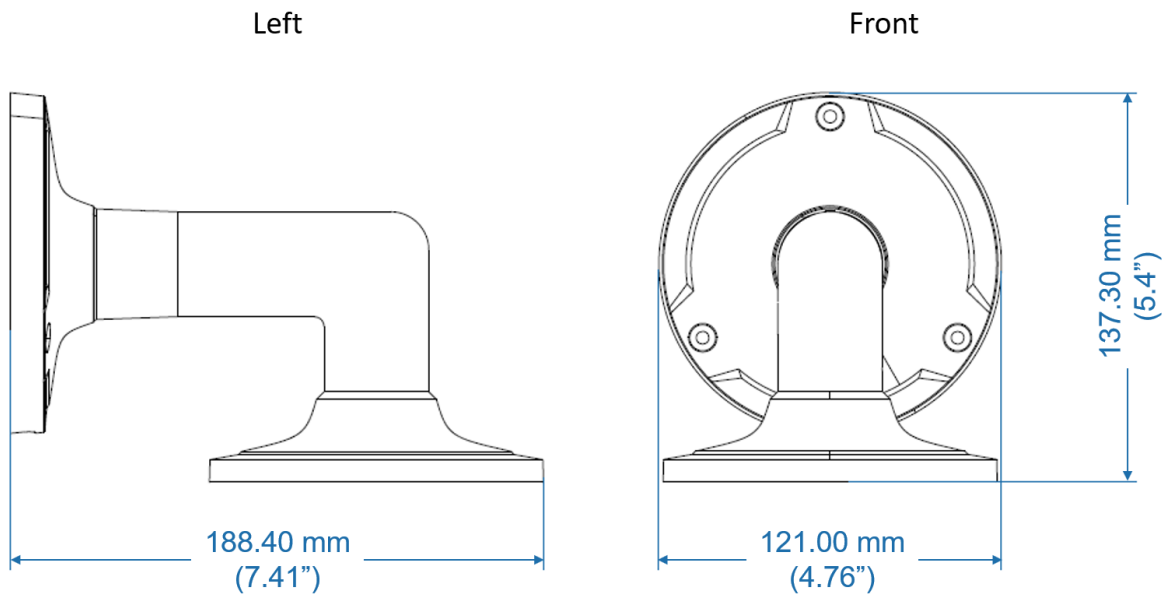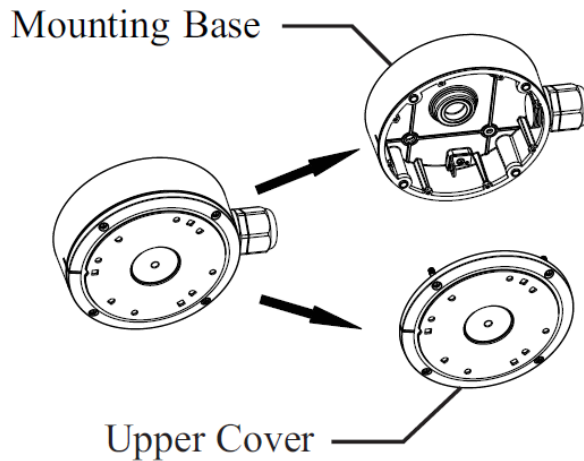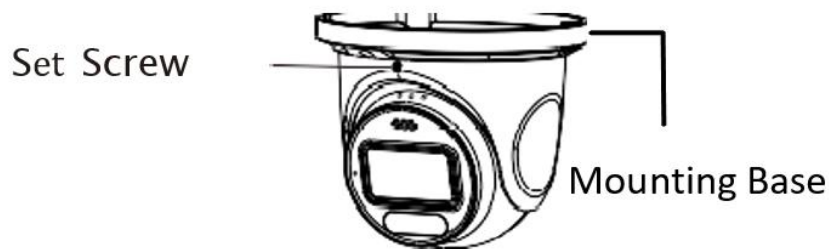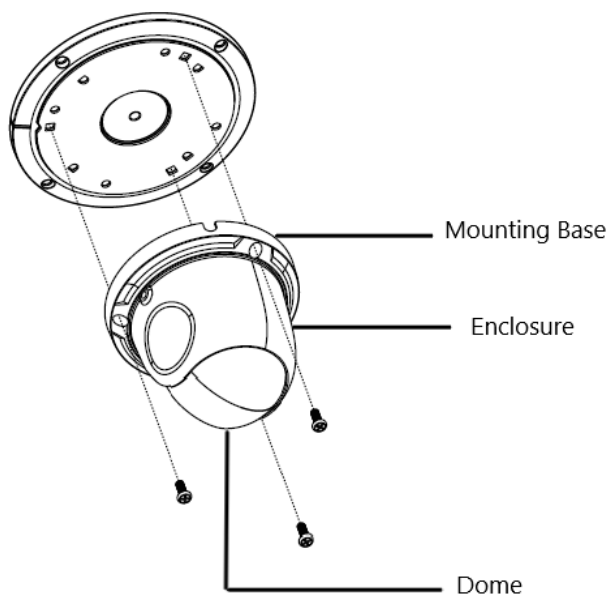
4. Assemble GV-Mount211-6, and fix the mounting base of GV-Mount506 to GV-Mount211-6.
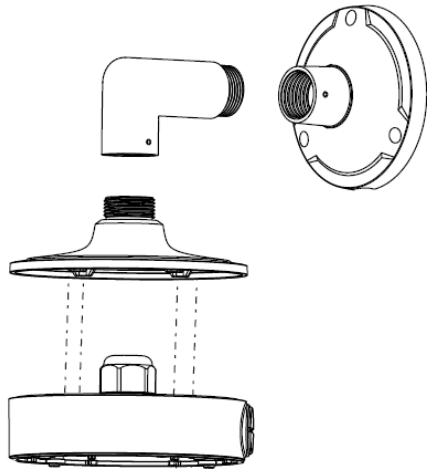


| 5. Route the cables through the cable hole of GV-Mount211-6 and connect the cables. | 6. Secure the camera mounted with the upper cover of GV-Mount506 to GV-Mount211-6. |
|---|---|
|  |  |
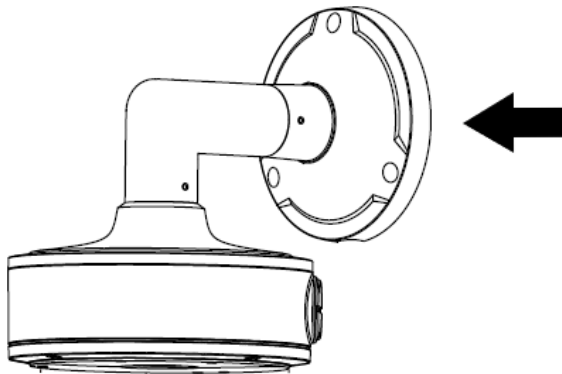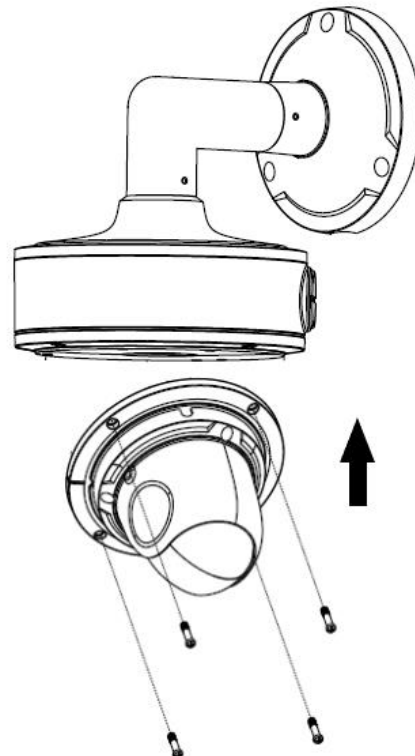
7. Secure the camera mounted with the upper cover of GV-Mount506 to GV-Mount211-6.

8. Secure GV-Mount211-6 to the wall.

# 4. Wall Bracket Mounting with GV-Mount211-9

## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount211-9 | 2. | Screw (3 x 6 mm) x 2 |
| 3. | Screw (4 x 12 mm) x 4 | 4. | Screw (4 x 25 mm) x 3 |
| 5. | Waterproof Ring x 4 | 6. | Plastic Case (6 x 29 mm) x 3 |
| 7. | Drill Template Paster | | |

## Applicable Models

- **GV-GBLF2802:** GV-Mount211-9 must be used with GV-Mount507-1
- **GV-GDR4900:** GV-Mount211-9 must be used with GV-Mount509

## Dimensions

63.5 mm
(2.5")

148.0 mm
(5.83")

37.0 mm
(1.45")

G1

120°

Ø 121.0 mm
(4.76")
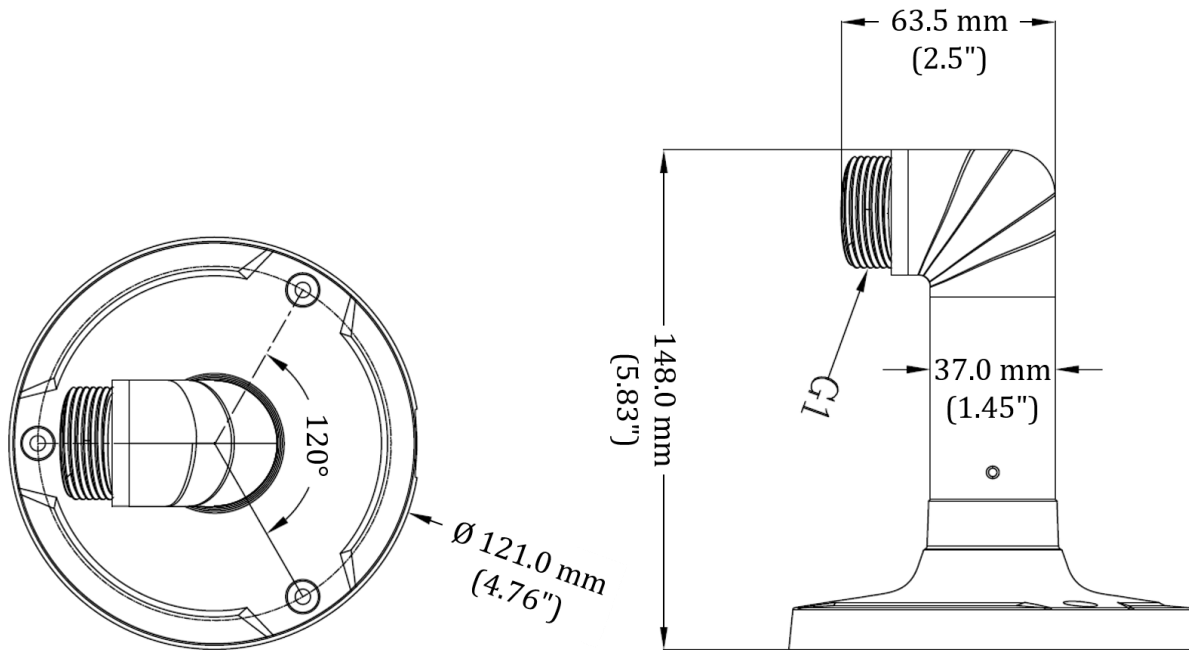
## Installation

The steps below show an example installation of GV-GDR4900, using GV-Mount211-9 paired with GV-Mount509.

1. Assemble GV-Mount211-9.

2. Secure GV-Mount509 with GV-Mount211-9.
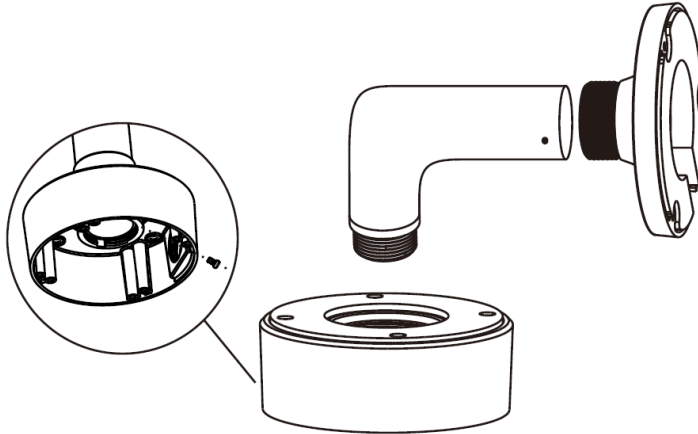


3. Use two fingers to remove the trim ring of the camera from the rim with marks. Then loosen the screws to open the lower dome.
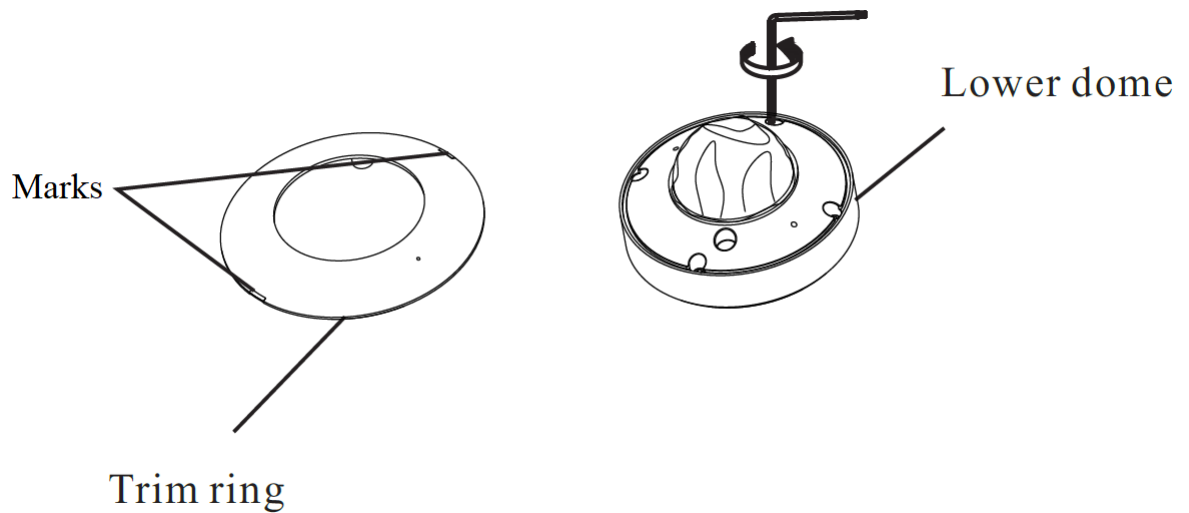


4. Attach the camera base to GV-Mount509.
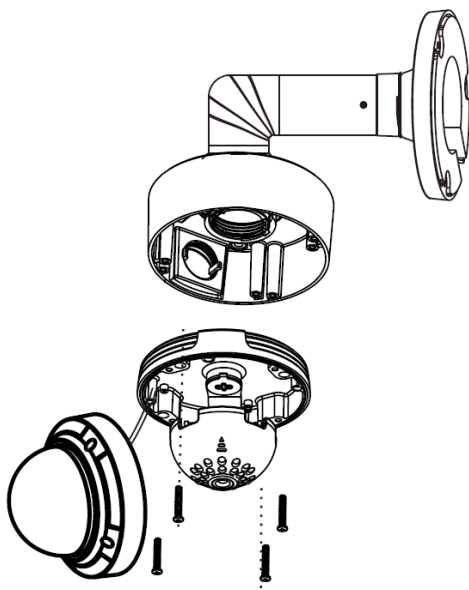
5. Route the cables through the cable hole of GV-Mount211-9 and connect the cables.
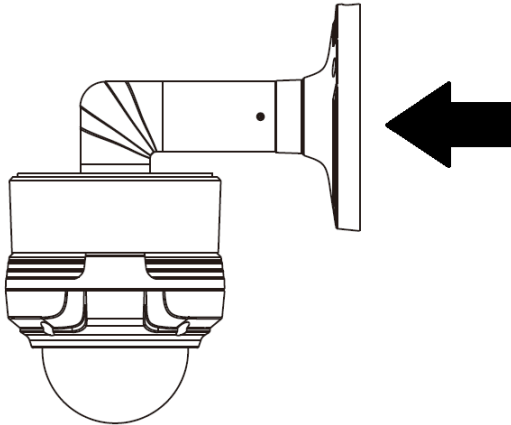


6. Put the trim ring back onto the lower dome and assemble the camera.
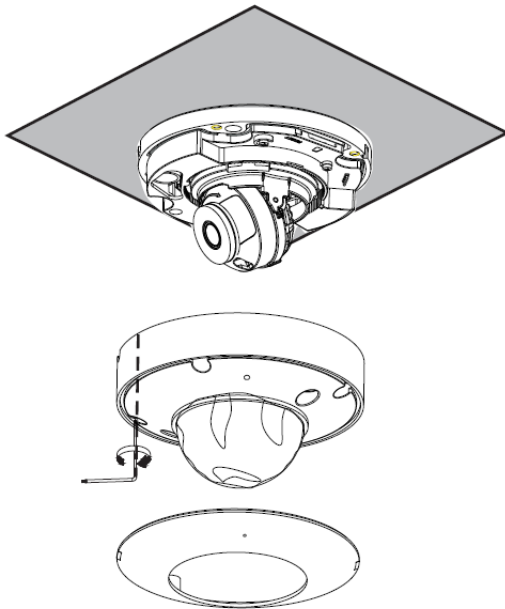


7. Secure GV-Mount211-9 to the wall.

# 5. Wall Bracket Mounting with GV-Mount211-11
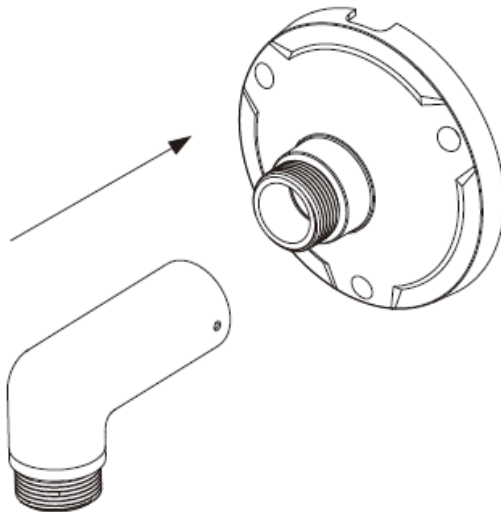


## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount211-11 | 2. | Screw (4 x 10 mm) x 3 |
| 3. | Screw (4 x 25 mm) x 3 | 4. | Waterproof Ring x 3 |
| 5. | Plastic Case (6 x 29 mm) x 3 | 6. | Drill Template Paster |

## Applicable Models

- GV-GFER6900

## Dimensions

| Front | Right |
|:-----:|:-----:|



165.6 mm (6.52")

131.1 mm (5.16")

194.7 mm (7.67")
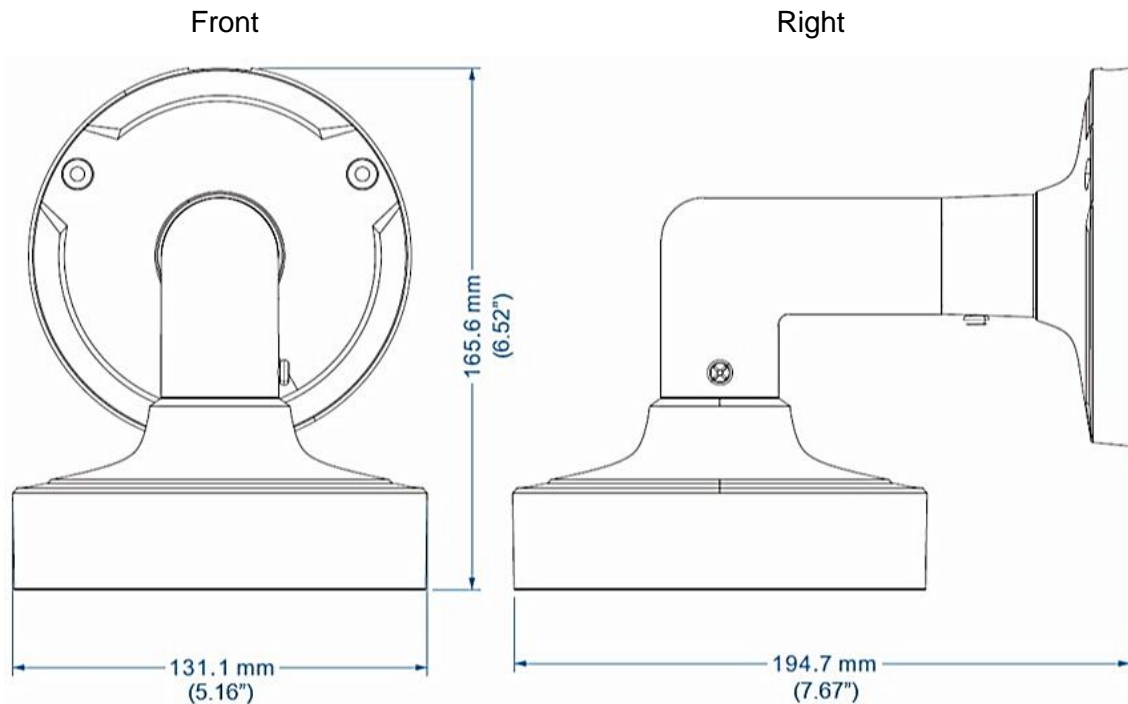
## Installation

The steps below show an example installation of GV-GFER6900 using GV-Mount211-11.

1.  Install the sponge and the rubber plug respectively to the mounting base.



Rubber plug — Sponge
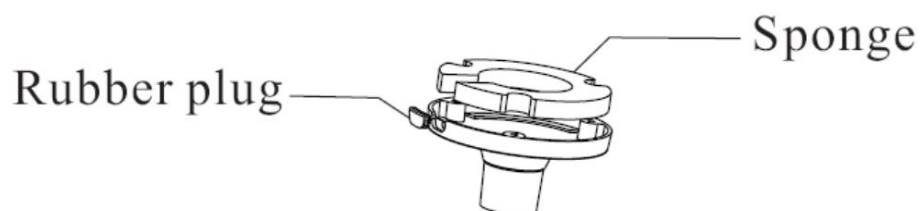
2.  Install ⓒ to the mounting base according to the screw thread.



ⓒ
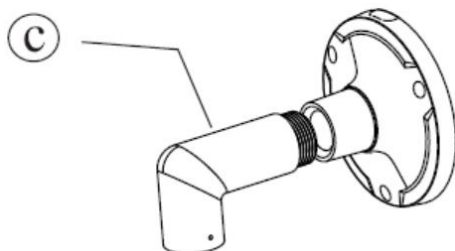
3. Attach the drill template to the place where you want to fix the bracket. Then drill the screw holes according to the drill template.
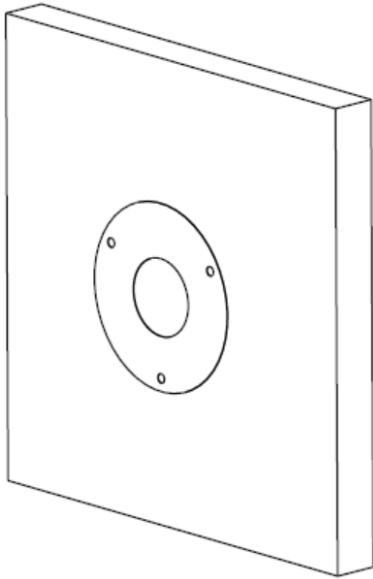
4. Tear off the drill template and insert the plastic plugs.
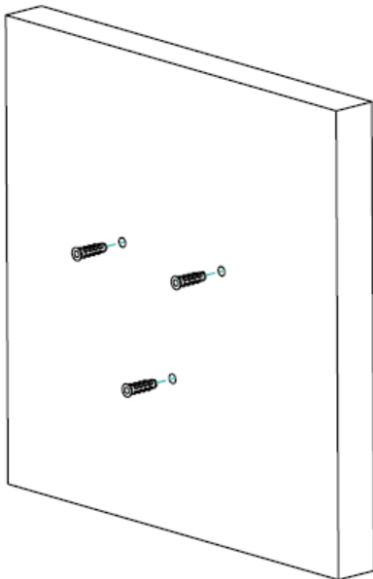
5. Fix the mounting base to the wall with the screws provided.
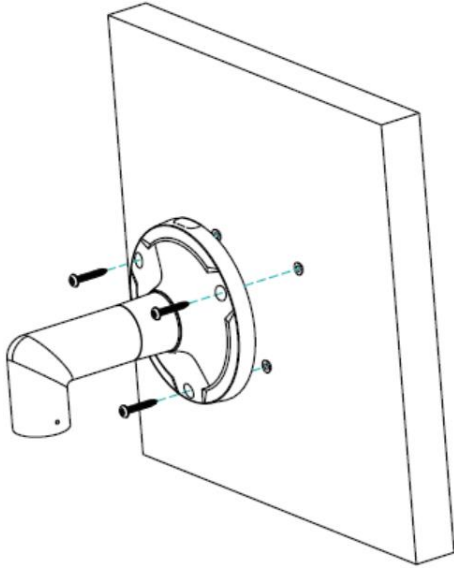


6. Mount the water-proof ring to ⓓ, and then screw ⓓ with the water-proof ring into ⓒ.
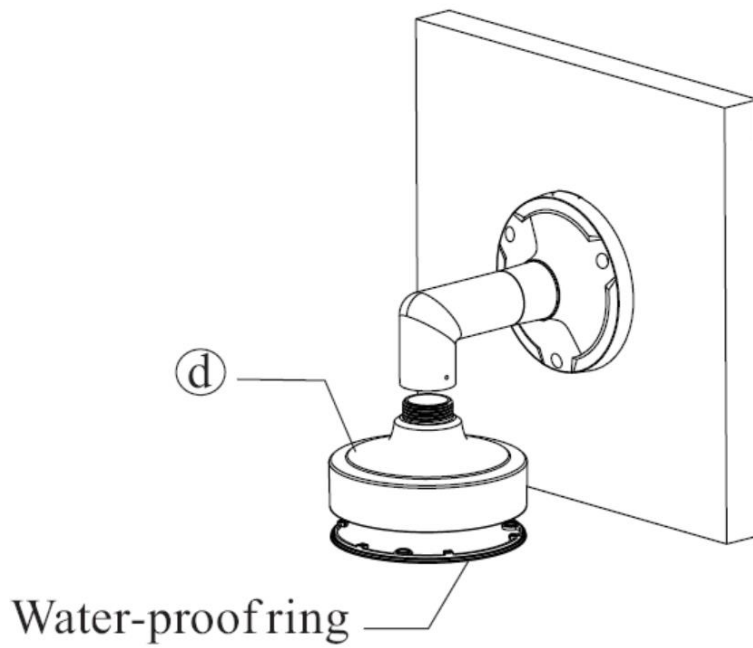


ⓓ

Water-proof ring

7. Remove the fixed ring from the gap of the camera and then open the cover of the microSD card slot. After that, insert a microSD card.
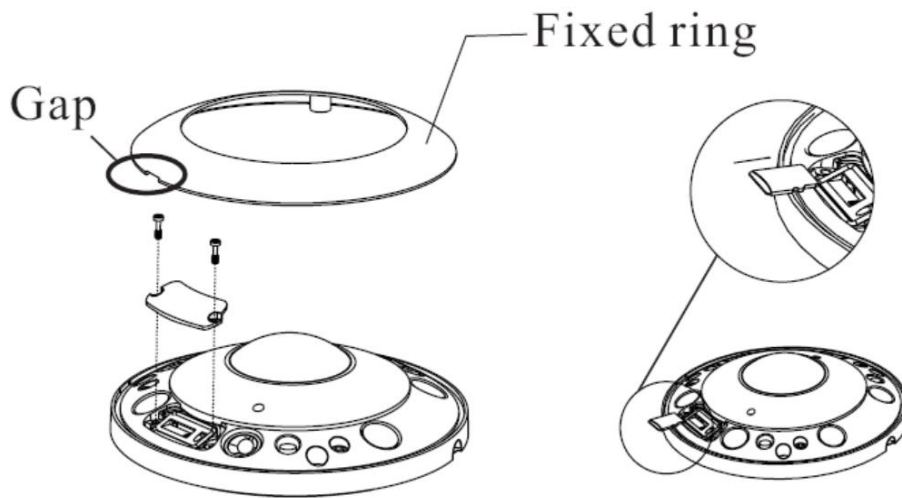


8. Install the cover of the microSD card slot and then fasten the camera onto the bracket with screws.
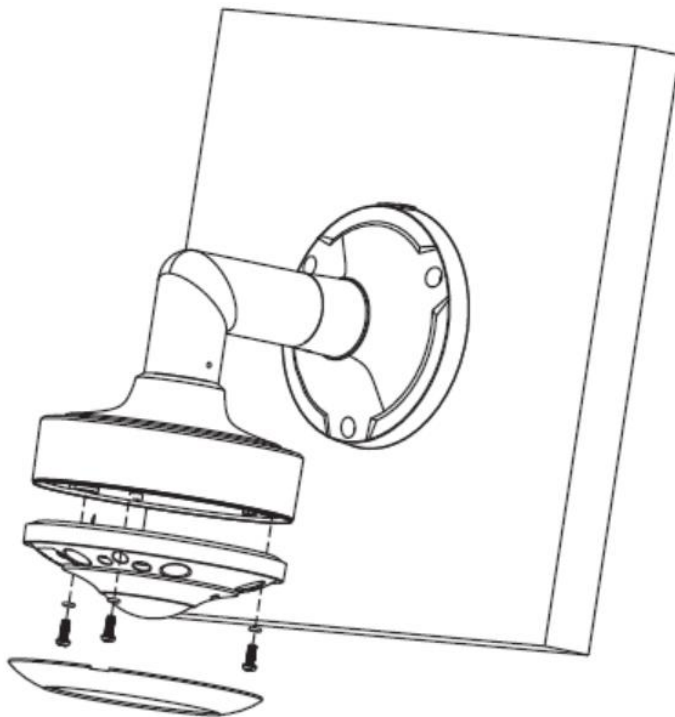
9.    Install the fixed ring back to the camera and then fix the bracket with screws.
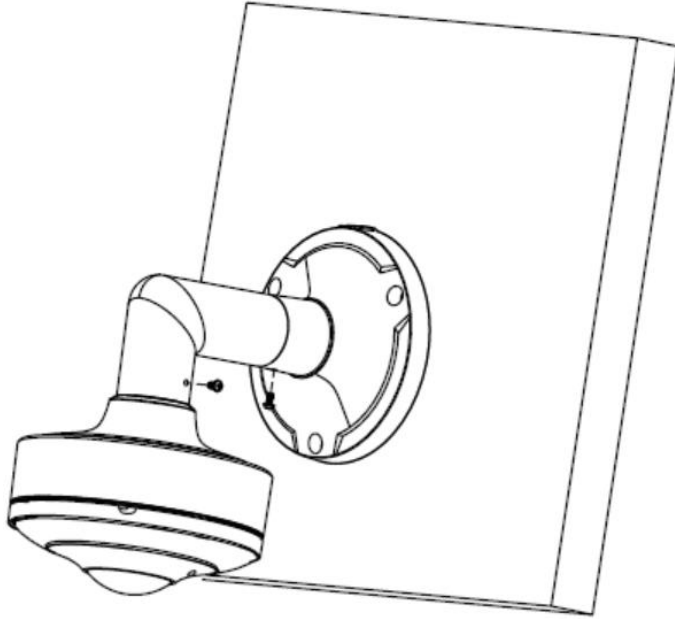
# 6. Wall Bracket Mounting with GV-Mount211-13



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount211-13 | 2. | Screw (6 x 8 mm) x 3 |
| 3. | Screw (4 x 10 mm) x 4 | 4. | Screw (6 x 26 mm) x 4 |
| 5. | Screw (6.5 x 38 mm) x 4 | 6. | Plastic Case (8 x 40 mm) x 4 |
| 7. | Hex Key x 1 | 8. | Drill Template Paster |

## Applicable Models

• GV-GVD4910

## Dimensions



266.0 mm
(10.47")

142.5 mm
(5.61")

174.1 mm
(6.85")

right

front
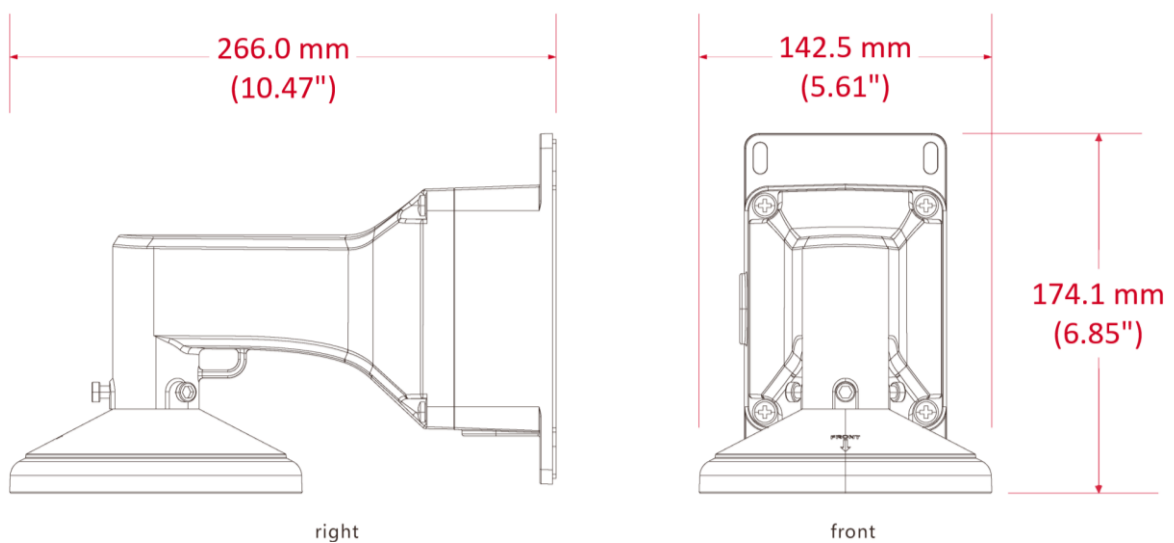
## Installation

The steps below show an example installation of GV-GVD4910 using GV-Mount211-13.

1. Unscrew and remove the upper cover of GV-Mount211-13.

2. Loosen the set screw and detach the camera's mounting base.

3. Thread the camera's cables through the upper cover of GV-Mount211-13, secure the camera's mounting base to the upper cover, and then attach the dome and enclosure to the camera's mounting base.
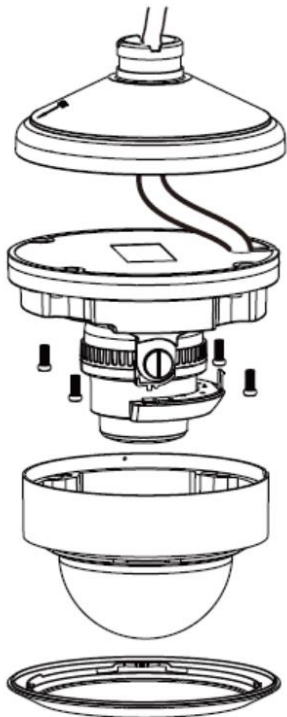


4. Drill the screw holes on the wall according to the provided drill template.

5. Secure the mounting base of GV-Mount211-13 to the wall, then route the cables through the cable hole and connect them. Fix GV-Mount211-13 to its mounting base on the wall, and then re-attach the upper cover to complete the installation.
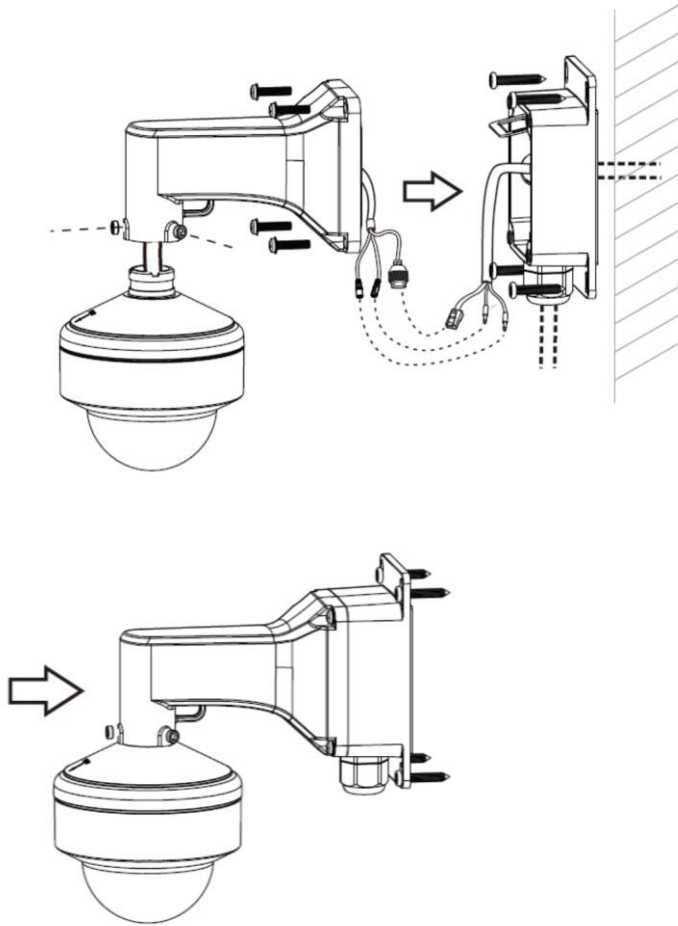
# 7. Pole Bracket Mounting with GV-Mount470



## Packing List

| | |
|---|---|
| 1.  GV-Mount470 | 2.  Screw (4 x 20 mm) x 4 |
| 3.  Screw (6 x 26 mm) x 4 | 4.  Hex Nut (M4 x 3 mm) x 4 |
| 5.  Hex Nut (M6 x 4.5 mm) x 4 | |

## Applicable Models

- **GV-Mount211-6:** GV-GEBF4911 / GVD4910
- **GV-Mount211-8:** GV-GEB4900
- **GV-Mount211-9:** GV-GBLF2802 / GDR4900
- **GV-Mount211-11:** GV-GFER6900
- **GV-Mount211-13:** GV-GVD4910
- **GV-Mount506:** GV-GBL4900 / GBL4911 / GBL12811 / GEBF4911
- **GV-Mount506-1:** GV-GBLF2802 / GEB4900
- **GV-Mount507-1:** GV-GBL4900 / GBLF2802

**Note:**

1. For GV-GEBF4911, GV-Mount211-6 must be used with GV-Mount506.
2. For GV-GVD4910, GV-Mount211-6 must be used with GV-Mount510.
3. GV-Mount211-8 must be used with GV-Mount506.
4. For GV-GBLF2802, GV-Mount211-9 must be used with GV-Mount507-1.
5. For GV-GDR4900, GV-Mount211-9 must be used with GV-Mount509.

## Dimensions



54.5 mm
(2.15")
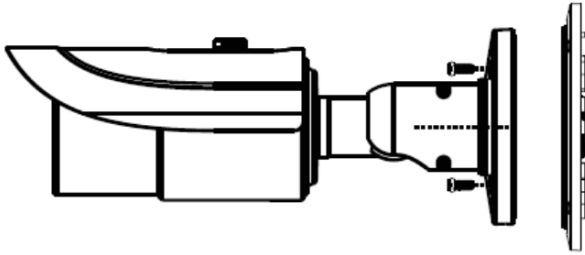
215 mm
(8.46")

163.3 mm
(6.43")
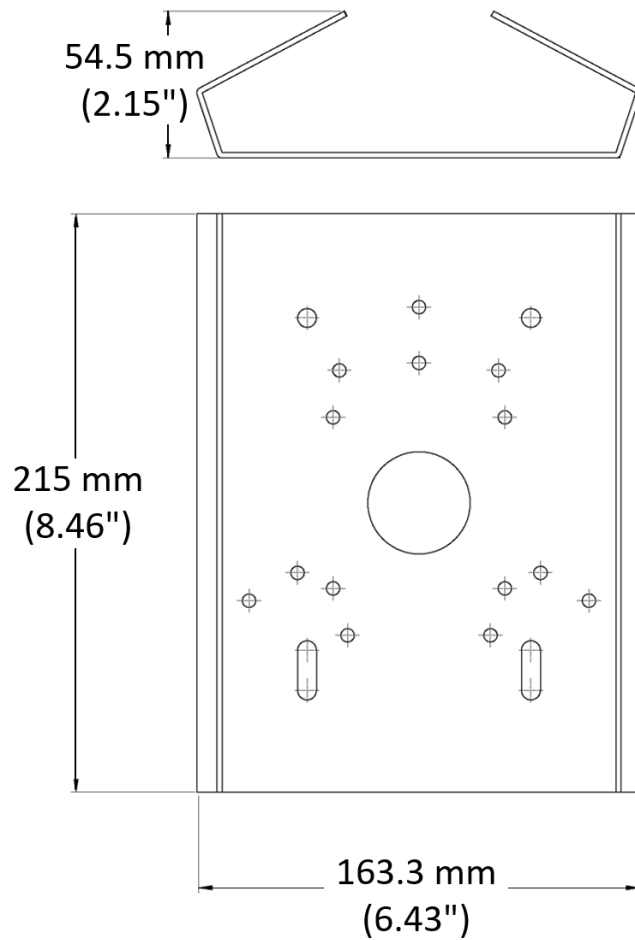
## Installation

**Pole Bracket Mounting of Bullet Camera with Junction Box**

The steps below show an example installation of bullet cameras, such as GV-GBL4900, using GV-Mount470 paired with junction boxes, such as GV-Mount506.
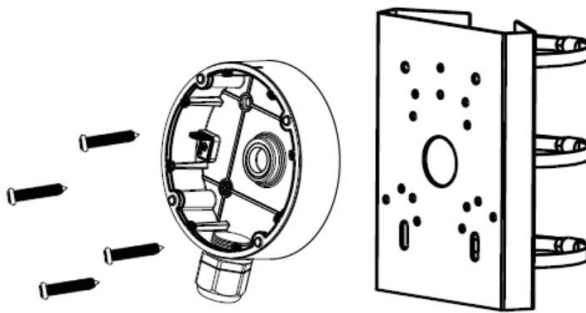
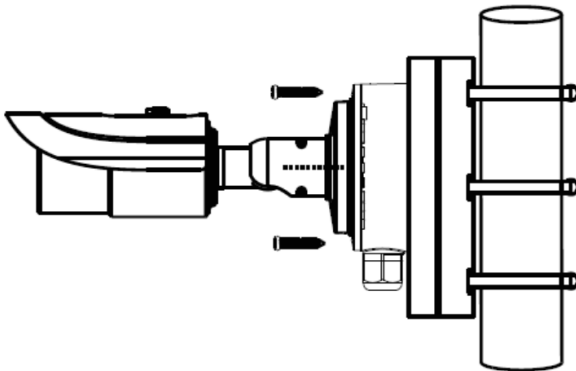1. Open the covers of the junction box.



Lower cover
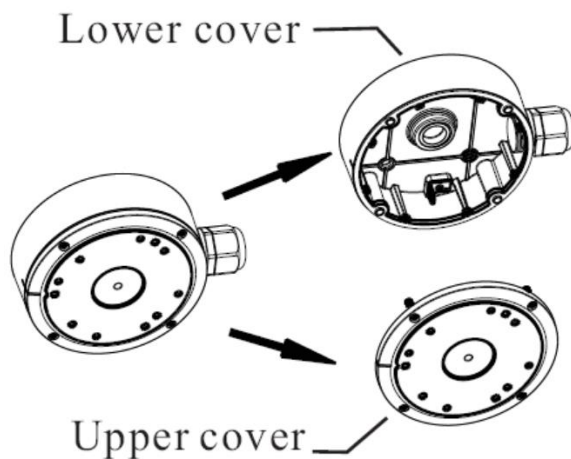
Upper cover

2. Screw the camera to the upper cover of the junction box.



3. Fix the lower cover of the junction box to the pole mount with the bolts and nuts provided.



4. Install the pole mount to the pillar. Then connect cables and fasten the upper cover with the camera to the junction box.
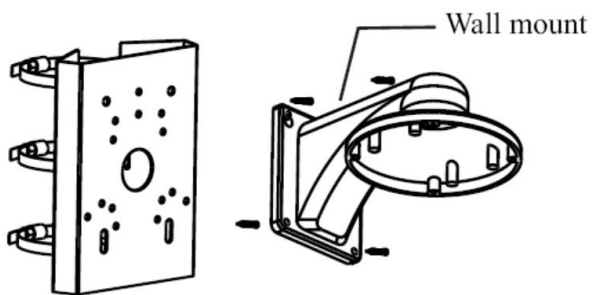
**Pole Bracket Mounting of Dome Camera with Wall Mount Bracket**

The steps below show an example installation of dome cameras, such as GV-GDR4900, using GV-Mount470 paired with wall mount brackets, such as GV-Mount211-9.
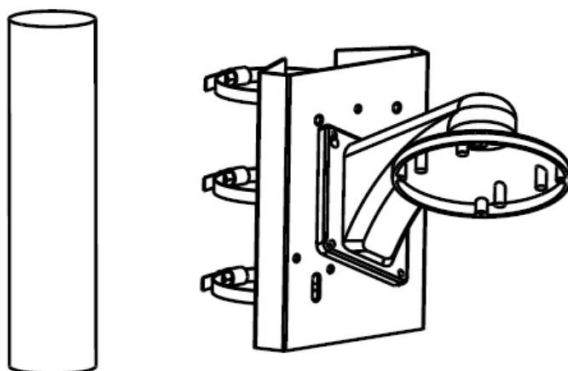
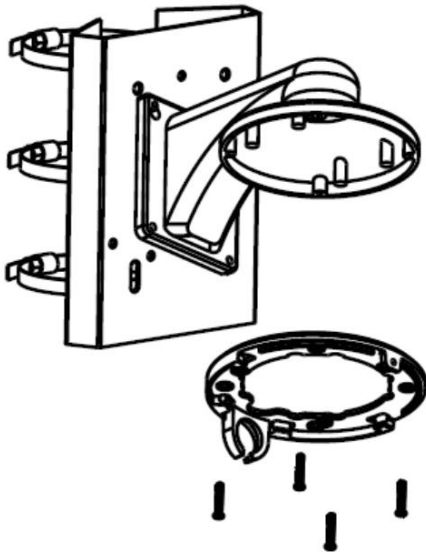1.  Loosen the lock screw to remove the mounting base.
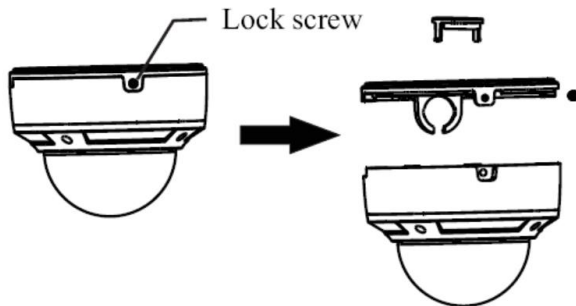


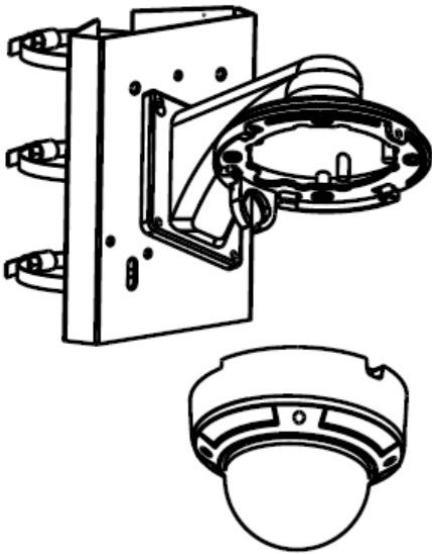2.  Fix the wall mount to the pole mount with the bolts and nuts provided.



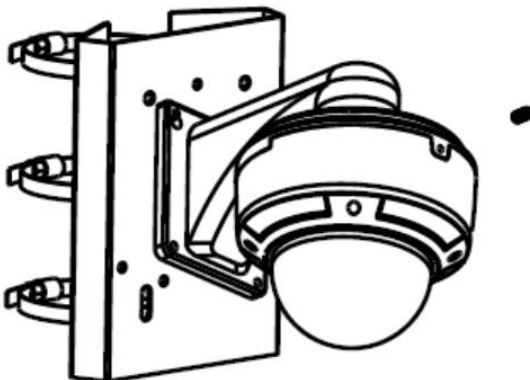3.  Install the pole mount to the pillar.

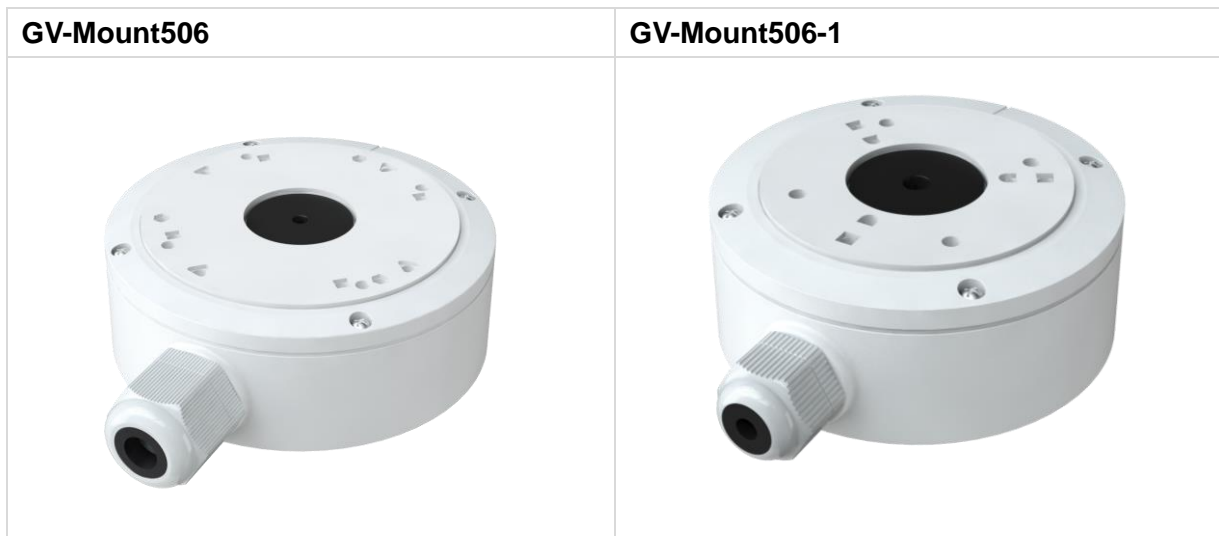4.  Screw the mounting base of the dome camera onto the wall mount.



5.  Route and connect cables. Then mount the camera to the mounting base.



6.  Fix the camera with lock screw.

# 8. Junction Box Mounting with GV-Mount506 / 506-1

| GV-Mount506 | GV-Mount506-1 |
|---|---|
|  |  |

## Packing List

### GV-Mount506

| | | | |
|---|---|---|---|
| 1. | GV-Mount506 | 2. | Plastic Case (7 x 42 mm) x 4 |
| 3. | Short Screw (4 x 10 mm) x 4 | 4. | Long Screw (6.5 x 38 mm) x 4 |
| 5. | Waterproof Ring x 4 | 6. | Drill Template Paster |

### GV-Mount506-1

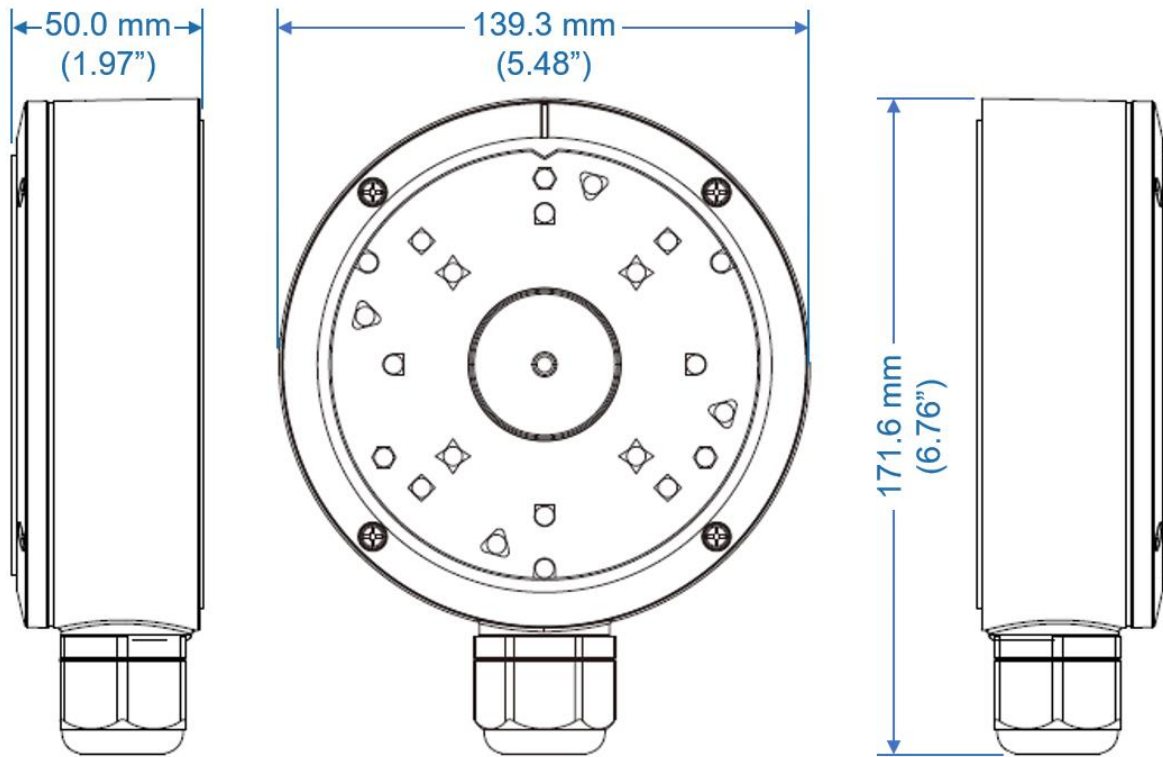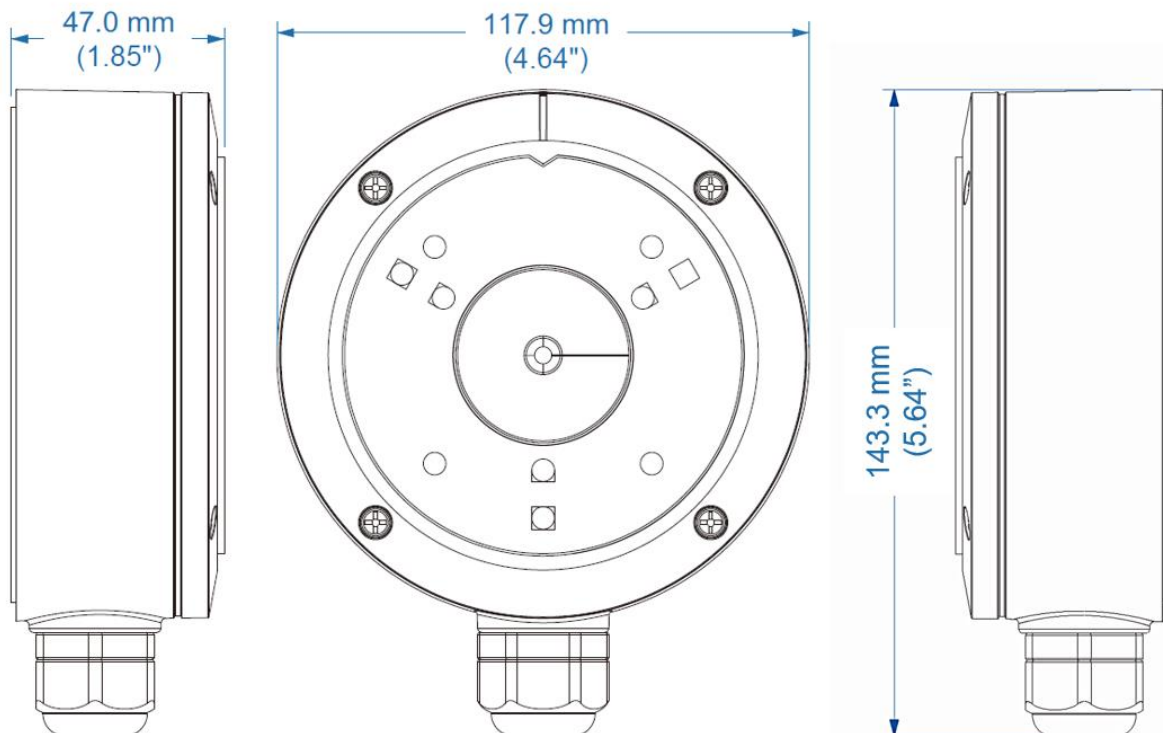| | | | |
|---|---|---|---|
| 1. | GV-Mount506-1 | 2. | Plastic Case (4 x 10 mm) x 4 |
| 3. | Screw (4 x 25 mm) x 4 | 4. | Waterproof Ring x 5 |
| 5. | Plastic Case (6 x 29 mm) x 4 | 6. | Drill Template Paster |

## Applicable Models:

- **GV-Mount506:** GV-GBL4900 / GBL4911 / GBL12811 / GEBF4911
- **GV-Mount506-1:** GV-GBLF2802 / GEB4900

## Dimensions

**GV-Mount506**



50.0 mm
(1.97")

139.3 mm
(5.48")

171.6 mm
(6.76")

**GV-Mount506-1**



47.0 mm
(1.85")
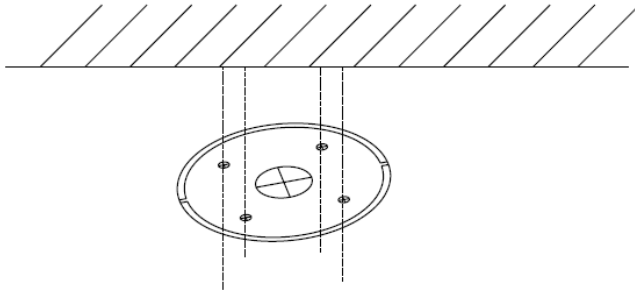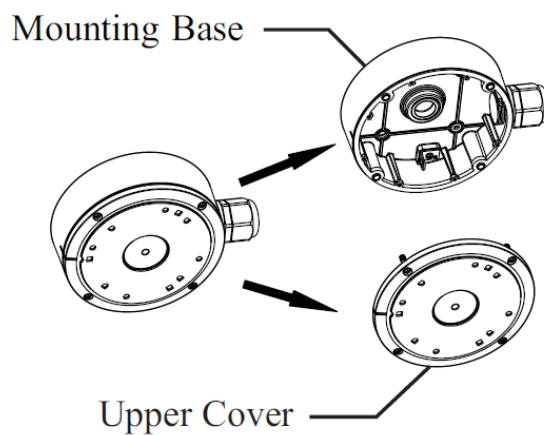
117.9 mm
(4.64")

143.3 mm
(5.64")

## Installation

Before installation, make sure that the wall is strong enough to withstand 3 times the weight of the junction box and camera.

The steps below show an example installation of GV-GEBF4911 using GV-Mount506.
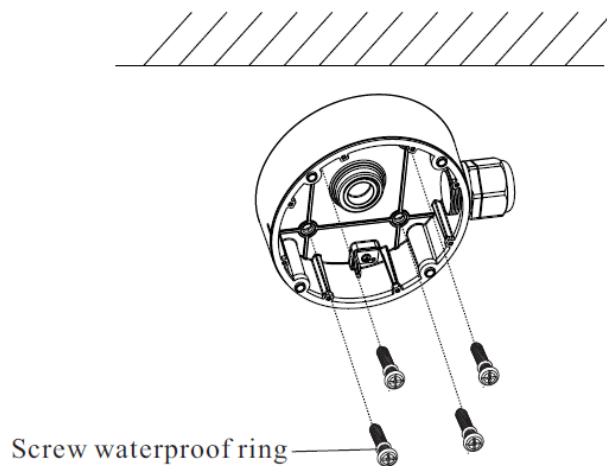
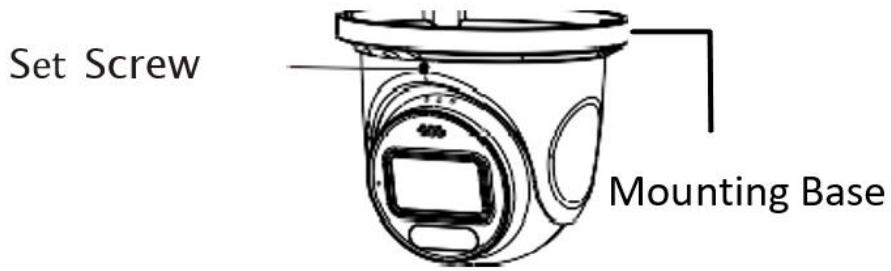1. Drill the screw holes on the wall according to the drill template.

2. Open the mounting base and the upper cover of GV-Mount506.

3. Secure the mounting base of GV-Mount506 to the wall.

4. Loosen the set screw and detach the mounting base of the camera.



Set Screw

Mounting Base
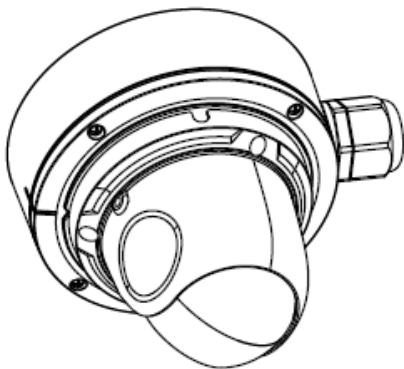
| 5. Secure the camera's mounting base to the upper cover of GV-Mount506 first, and install the dome and enclosure to the camera's mounting base. | 6. Route the cables through the cable hole (take side conduit cabling for example) and connect the cables. Then reinstall the upper cover on GV-Mount506. |
|---|---|
|   Mounting Base  Enclosure  Dome |  |
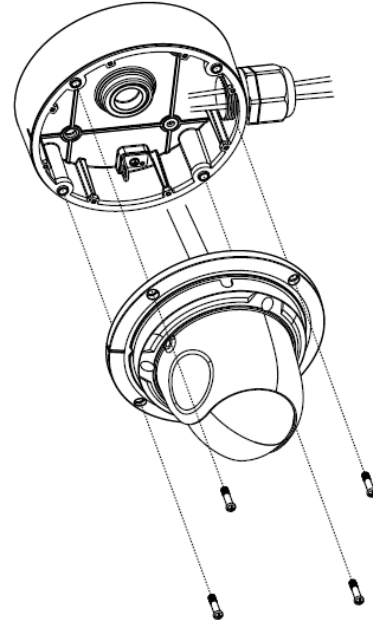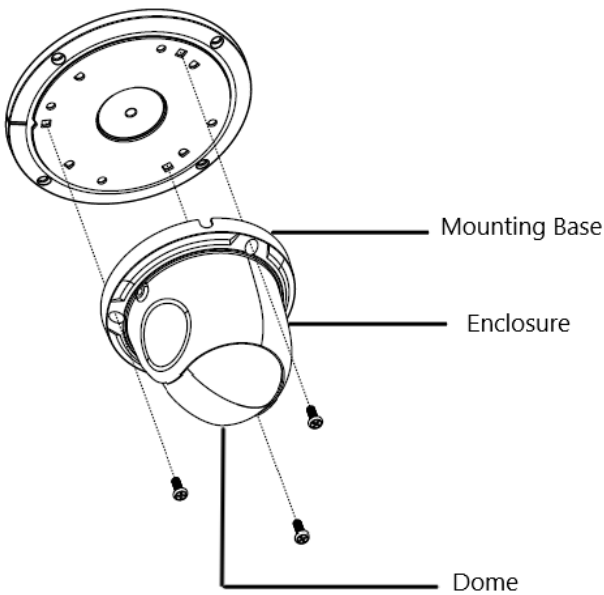
7. Adjust the view angle of the camera.

# 9. Junction Box Mounting with GV-Mount507



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount507 | 2. | Screw (4 x 10 mm) x 4 |
| 3. | Screw (4 x 25 mm) x 3 | 4. | Screw (3 x 6 mm) x 1 |
| 5. | Plastic Case x 3 | 6. | Hex Key x 1 |
| 7. | Waterproof Ring x 5 | 8. | Drill Template Paster |

## Applicable Models

• GV-GBL4900 / GBLF2802 / GEB4900
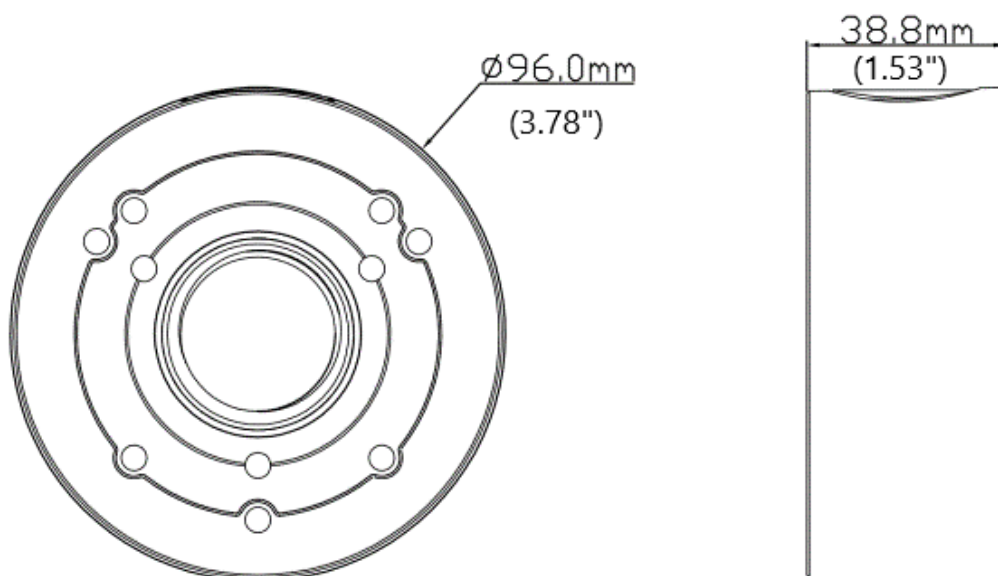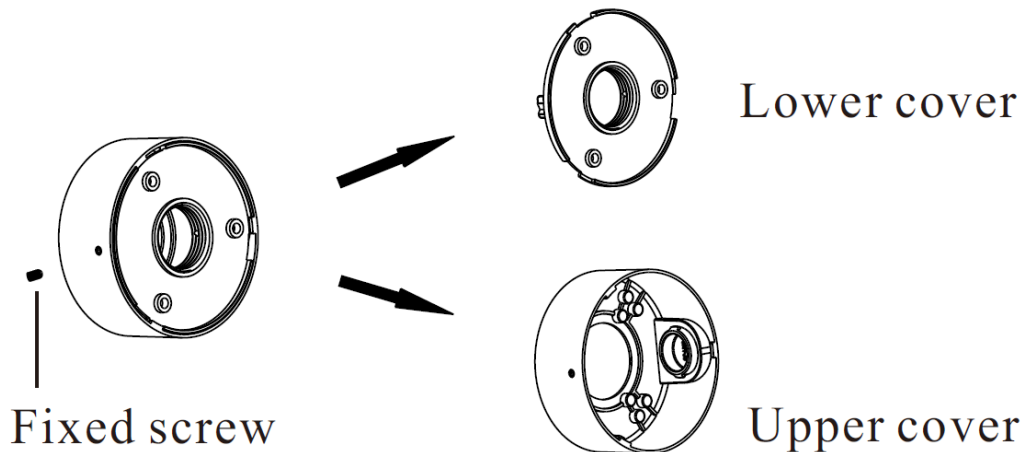
## Dimensions



Ø96.0mm
(3.78")

38.8mm
(1.53")

## Installation

Before installation, make sure that the wall is strong enough to withstand 3 times the weight of the junction box and camera. The steps below show an example installation of GV-GBL4900 using GV-Mount507.
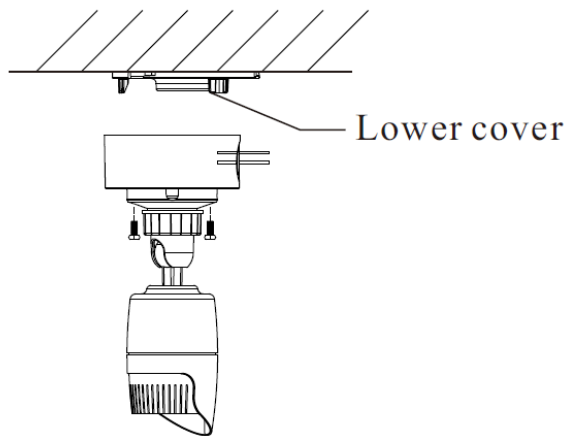
1. Open the lower cover and the upper cover of the junction box by loosening the fixed screw.



Lower cover

Fixed screw

Upper cover

2. Fix the lower cover of the junction box to the wall with screws.
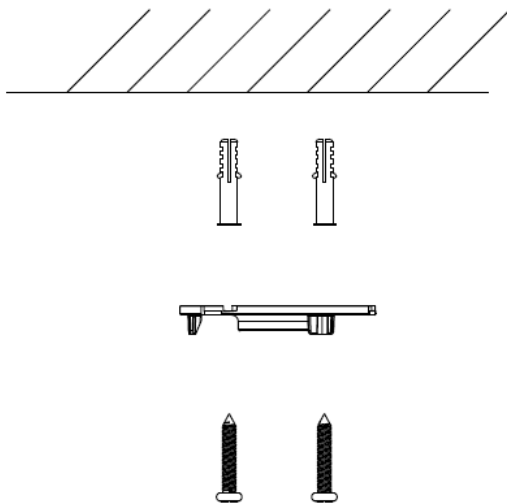
3. Fix the camera to the upper cover of the junction box. Then route the cables through the cable hole (take side conduit cabling for example) and connect the cables.



Lower cover

4. Install the camera with the upper cover of the junction box to the lower cover, with a clockwise rotation and then secure the junction box by tightening the fixed screw.
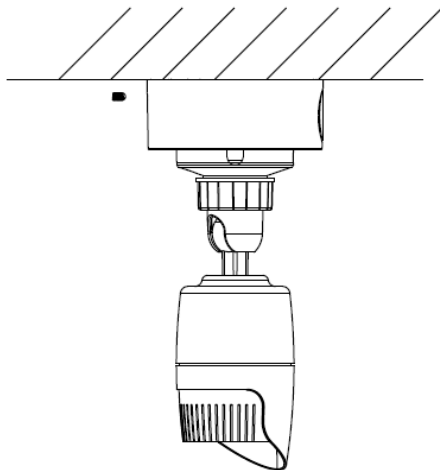


5. Adjust the view angle of the camera.

# 10.   Junction Box Mounting with GV-Mount507-1 / 509
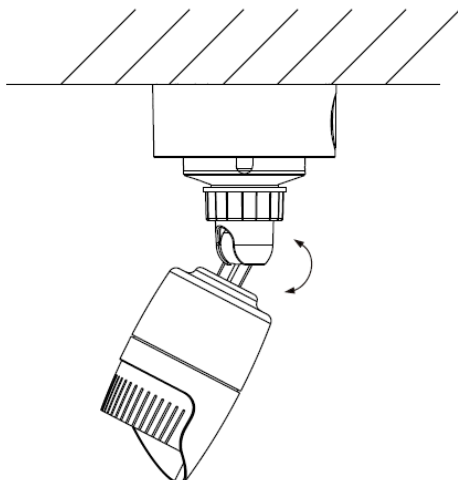
| GV-Mount507-1 | GV-Mount509 |
|---|---|
|  |  |

## Packing List

### GV-Mount507-1

| | | | |
|---|---|---|---|
| 1. | GV-Mount507-1 | 2. | Screw (4 x 10 mm) x 4 |
| 3. | Screw (4 x 25 mm) x 4 | 4. | Plastic Case x 4 |
| 5. | Waterproof Ring x 4 | 6. | Drill Template Paster |

### GV-Mount509

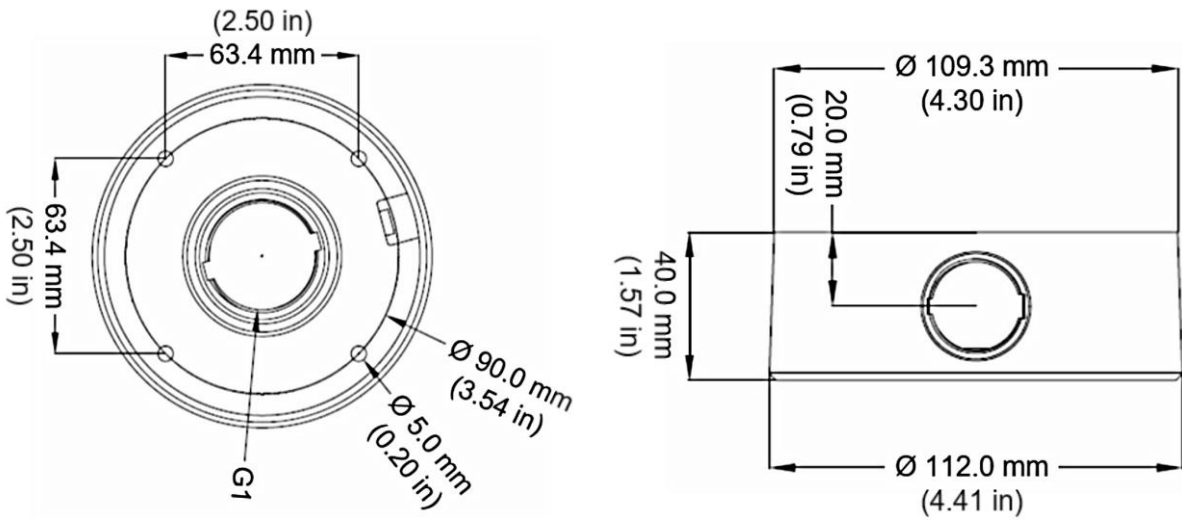| | | | |
|---|---|---|---|
| 1. | GV-Mount509 | 2. | Screw (4 x 12 mm) x 5 |
| 3. | Screw (4 x 22 mm) x 5 | 4. | Screw (4 x 25 mm) x 4 |
| 5. | Plastic Case x 4 | 6. | Drill Template Paster |

## Applicable Models

- **GV-Mount507-1:** GV-GBL4900 / GBLF2802
- **GV-Mount509:** GV-GDR4900

## Dimensions
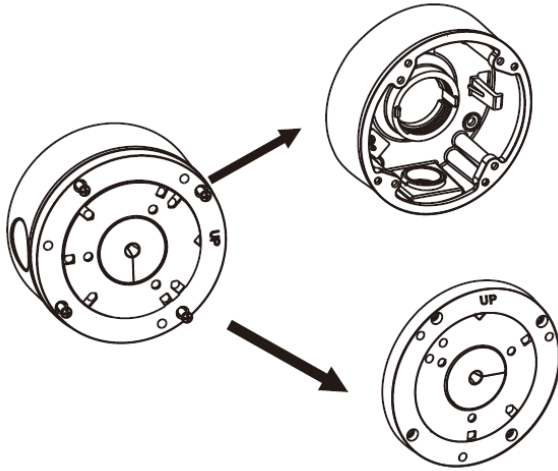
**GV-Mount507-1**
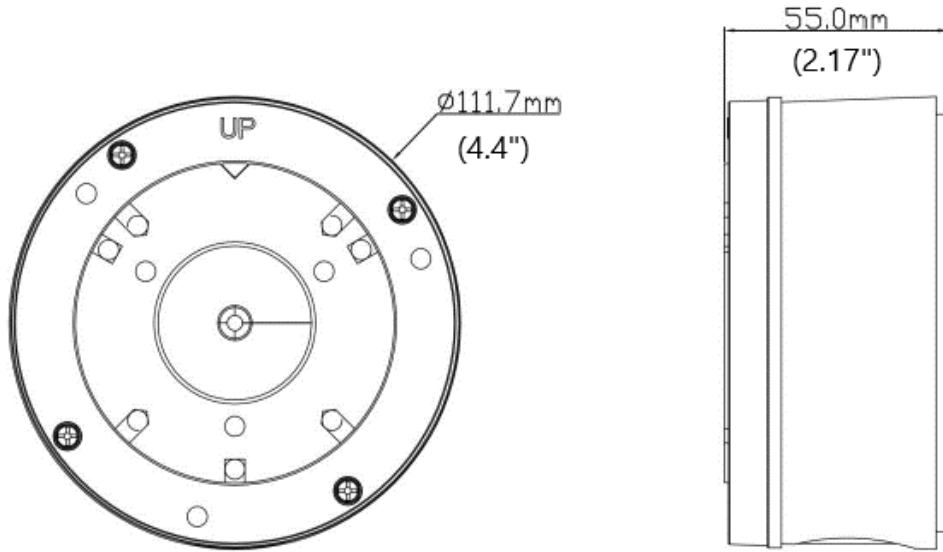


**GV-Mount509**
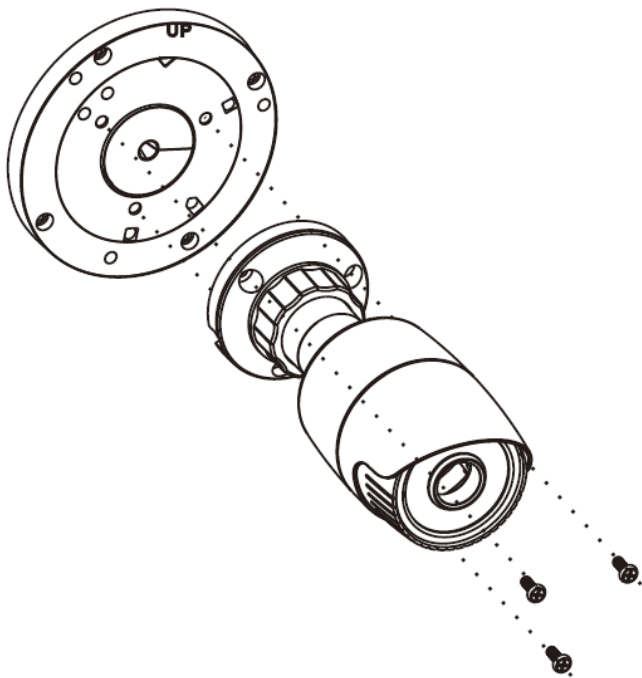
## Installation

**GV-Mount507-1**

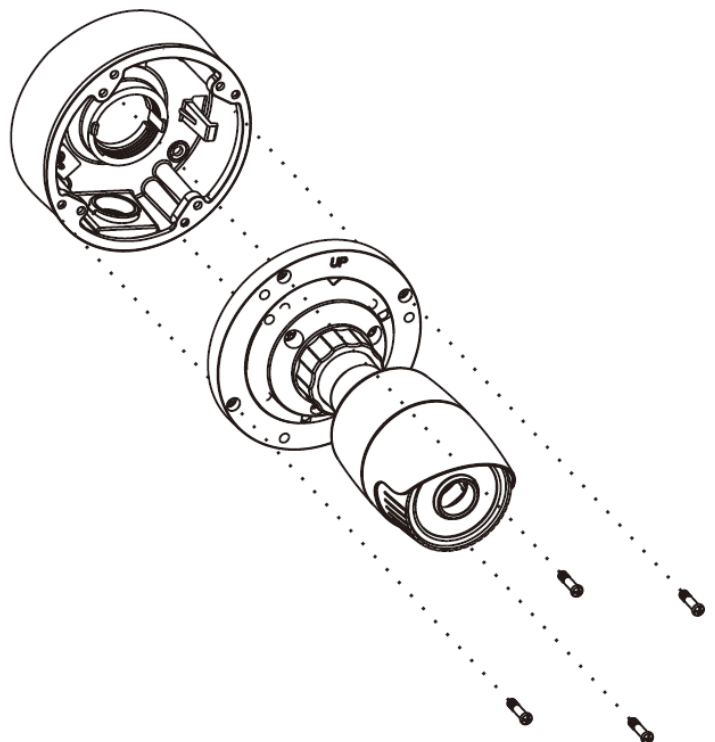The steps below show an example installation of bullet cameras using GV-Mount507-1.
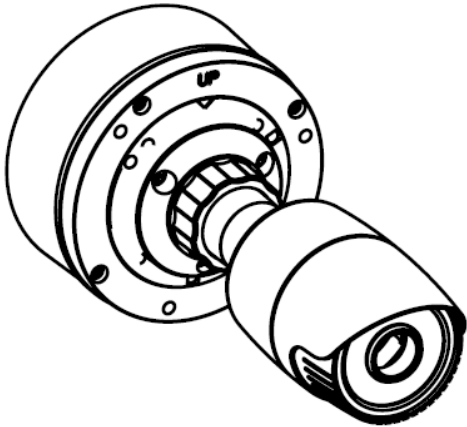
1. Disassemble GV-Mount507-1.



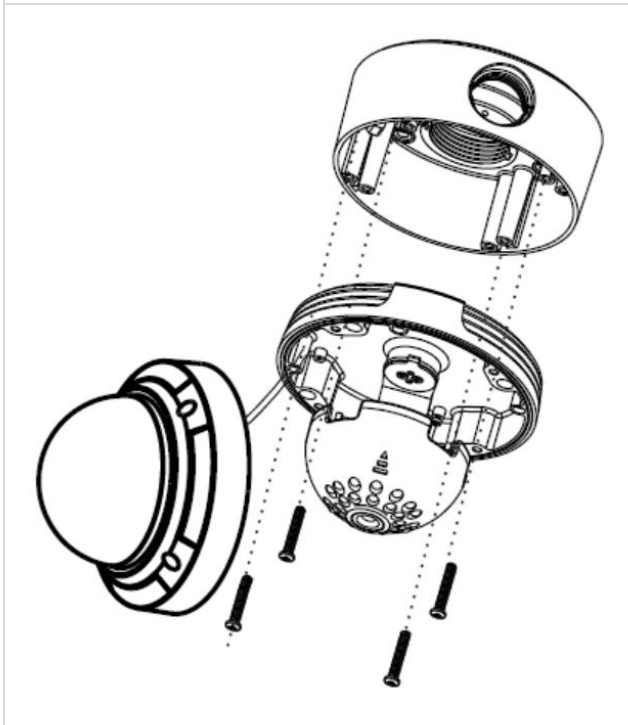| 2. Secure the camera onto the cover of GV-Mount507-1 using the supplied screws as indicated below. | 3. Assemble the camera and the bottom of GV-Mount507-1 using the supplied screws as indicated below. |
|---|---|
|  |  |

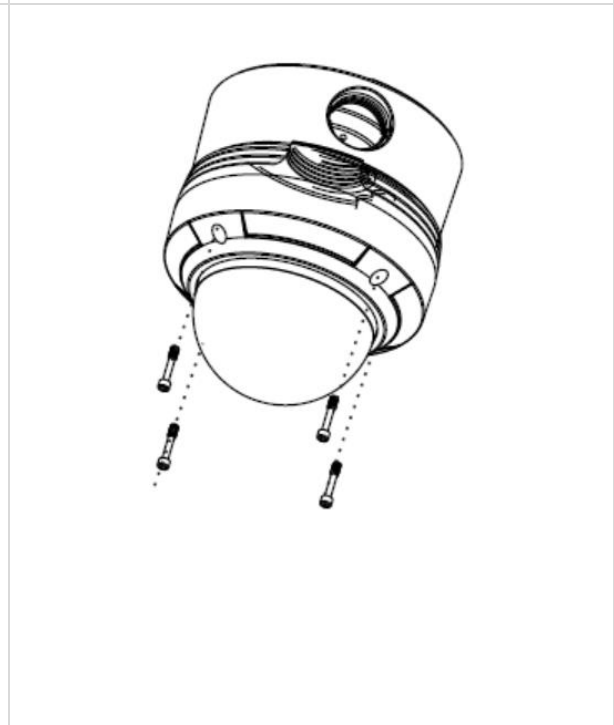4.  The installation is completed.

**GV-Mount509**

The steps below show an example installation of dome cameras using GV-Mount509.

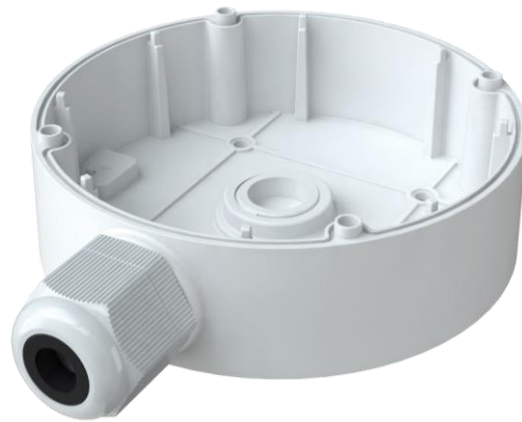| 1. Secure the camera base to GV-Mount509 using the supplied screws as indicated below. | 2. Attach the camera cover to the assembly using the supplied screws as indicated below. |
|---|---|
|  |  |

3. The installation is completed.

# 11. Junction Box Mounting with GV-Mount510



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount510 | 2. | Screw (4 x 16 mm) x 4 |
| 3. | Screw (6.5 x 38 mm) x 4 | 4. | Screw Waterproof Ring x 4 |
| 5. | PG Waterproof Ring x 1 | 6. | Plastic Case (8 x 40 mm) x 4 |
| 7. | Drill Template Paster | | |

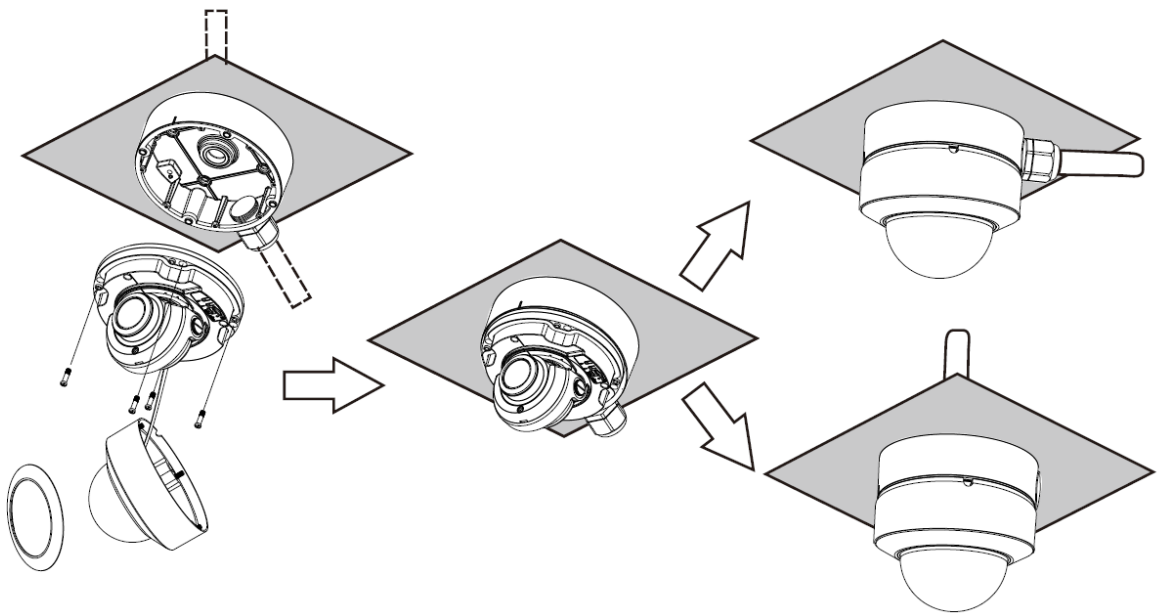## Applicable Models

- GV-GVD4910

## Dimensions

![GeoVision Inc logo]
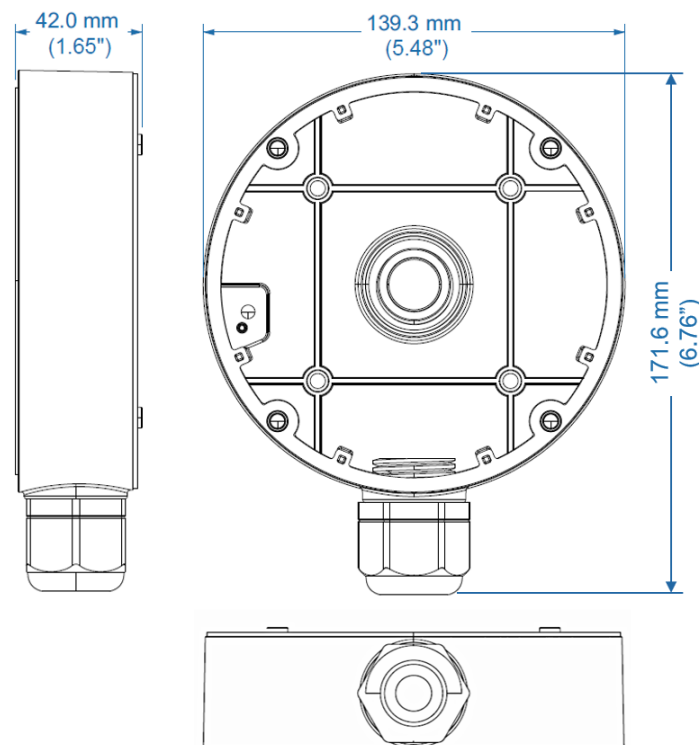
## Installation

The steps below show an example installation of GV-GVD4910 using GV-Mount510.

1. Secure the junction box to the wall or ceiling with screws.
2. Rotate the trim ring anticlockwise to remove it from the camera and then loosen the screws to open the lower dome.
3. Route and connect these cables. Then fasten the camera to the junction box with screws.
4. Adjust the view of the angle and the image.
5. Install the lower dome and the trim ring back to the camera.
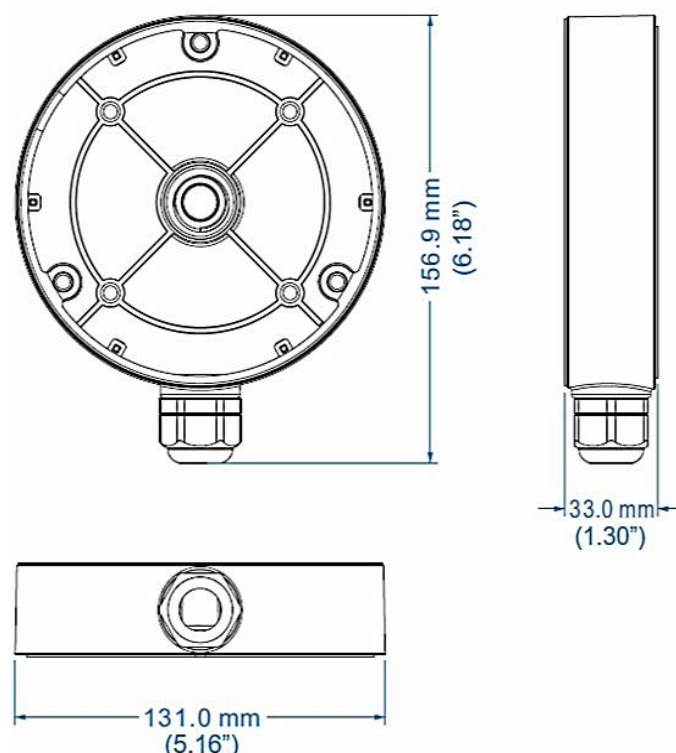
# 12. Junction Box Mounting with GV-Mount512



## Packing List

| | | | |
|---|---|---|---|
| 1. | GV-Mount512 | 2. | Screw (4 x 10 mm) x 3 |
| 3. | Screw (4 x 25 mm) x 4 | 4. | Screw Waterproof Ring x 4 |
| 5. | Plastic Case (6 x 29 mm) x 4 | 6. | Drill Template Paster |

## Applicable Models
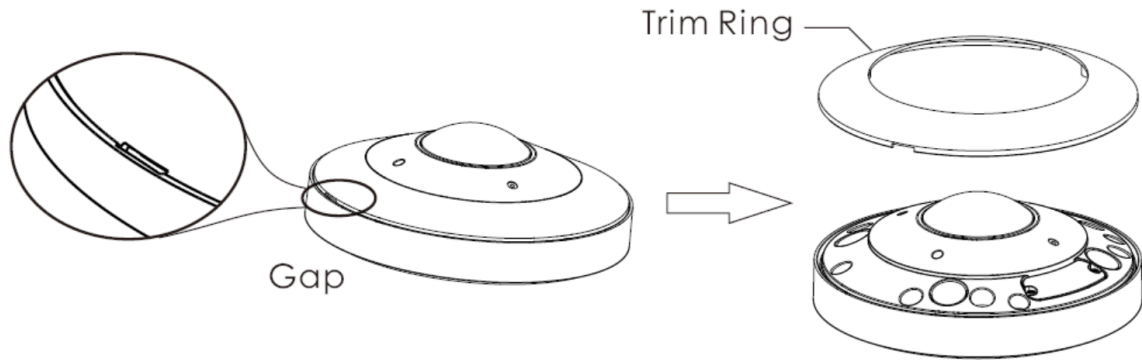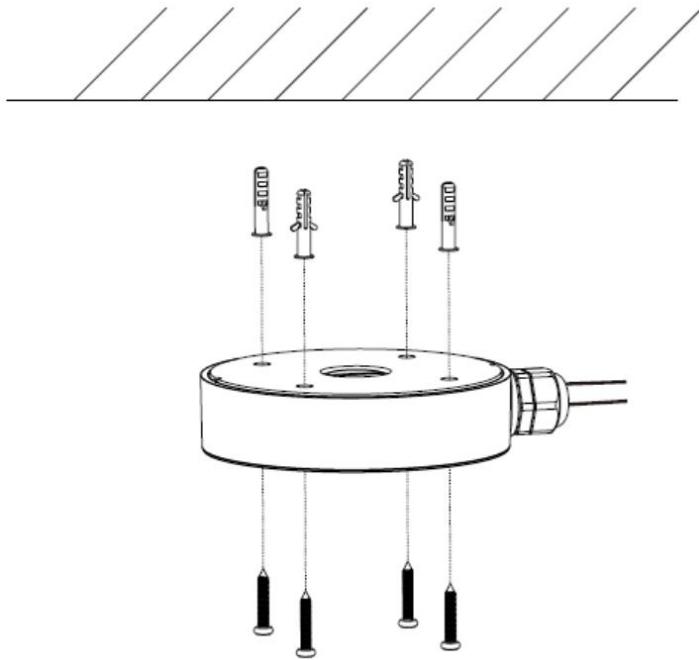
• GV-GFER6900

## Dimensions

## Installation

The steps below show an example installation of GV-GFER6900 using GV-Mount512.
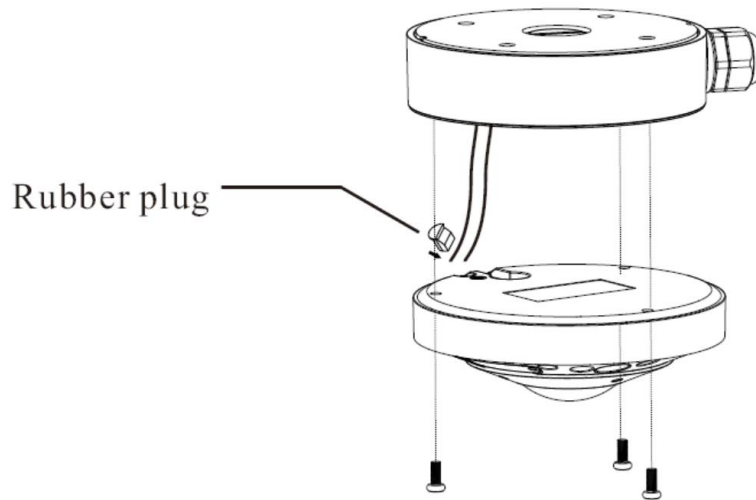
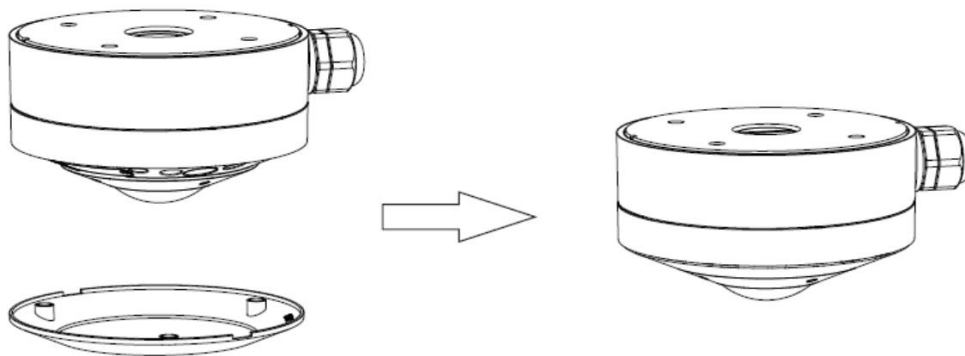1.   Remove the trim ring from the gap of the camera.



2.   Install the junction box onto the wall.

3. Route the cables through the cable hole (take side conduit cabling for example) and connect the cables. Then fasten the camera onto the junction box with screws.



Rubber plug

4. Install the trim ring back to finish the installation.
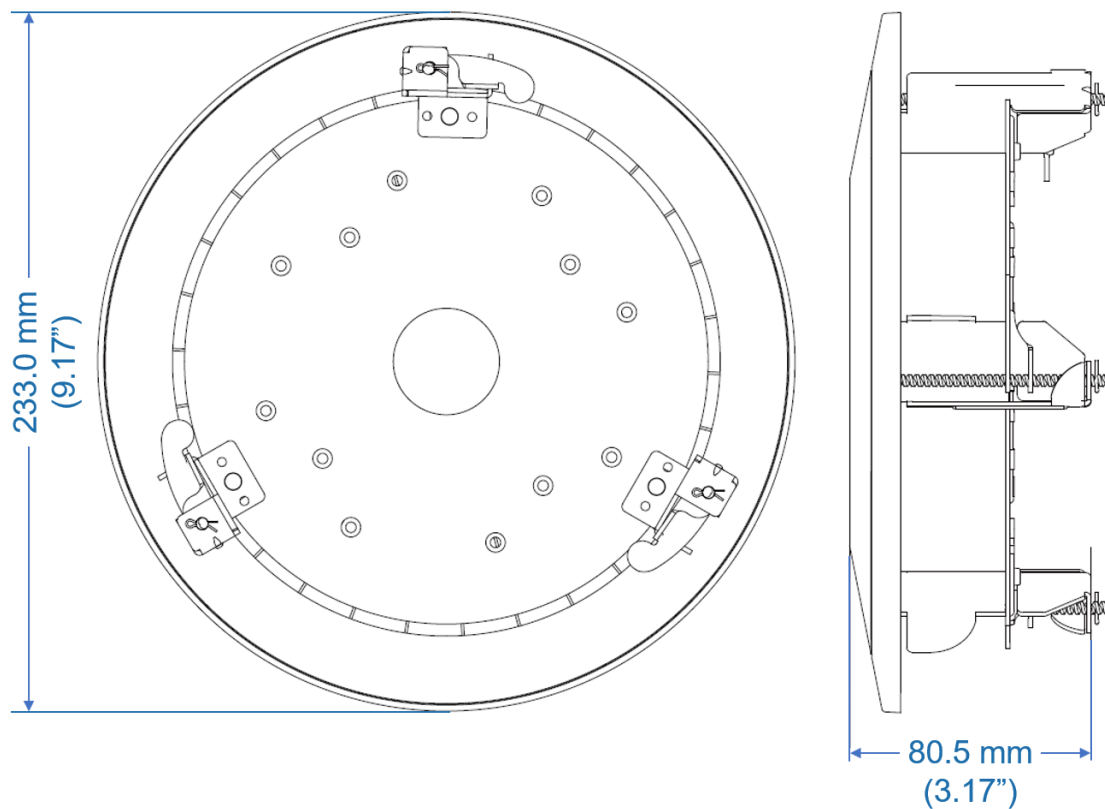
# 13. In-Ceiling Mounting with GV-Mount925



## Packing List

| 1. | GV-Mount925 | 2. | Screw (4 x 10 mm) x 4 |
|----|-------------|----|----------------------|
| 3. | Drill Template Paster | | |

## Applicable Models

- GV-GVD4910

## Dimensions
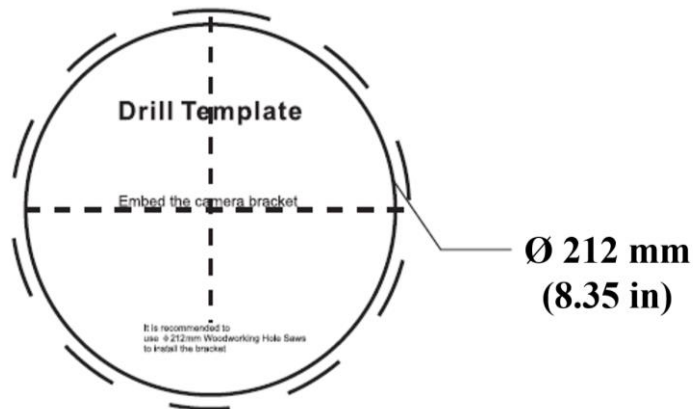


233.0 mm (9.17")

80.5 mm (3.17")

![GeoVision Inc logo]

## Installation

The steps below show an example installation of GV-GVD4910 using GV-Mount925.

1.  Attach the drill template to the ceiling where you want to install the dome camera. Then cut a hole according to the drill template. Note that +2 mm of the circle diameter is allowed.



2.  Rotate the trim ring anticlockwise to remove it. Then remove the lower dome of the camera by loosening the screws. After that, place the in-ceiling bracket on the dome camera and make sure the screw holes of the dome camera are aligned with the screw holes of the bracket marked with "A". Then fix the camera to the bracket with screws.
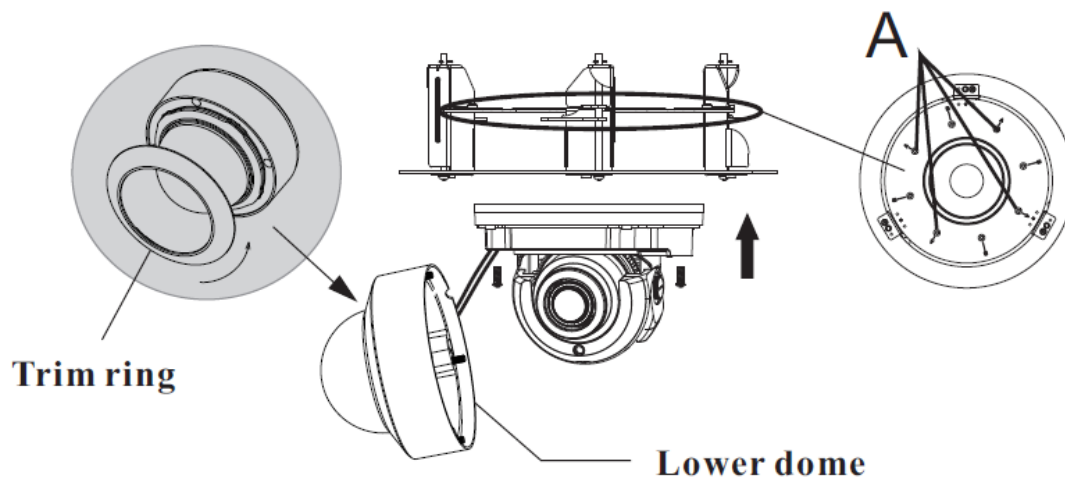
3. Route the cables through the ceiling and connect the cables. Then push the dome camera with the bracket into the mounting hole in the ceiling.
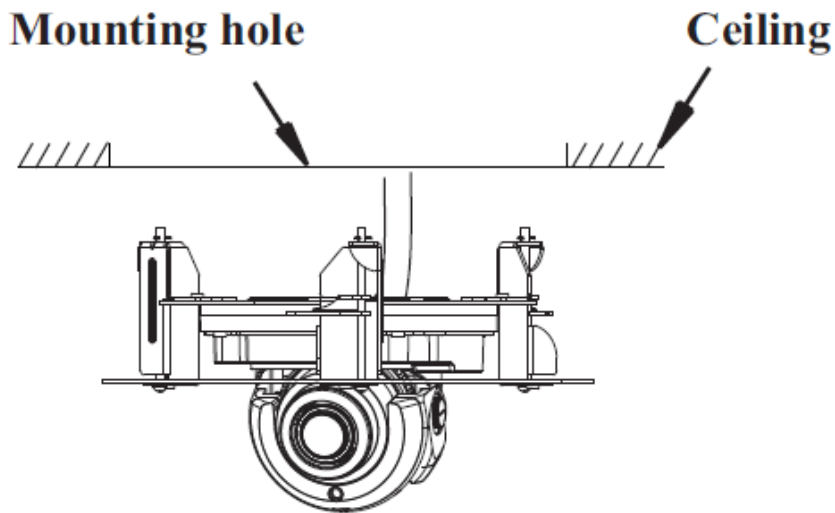


4. Tighten the lock screws with the screwdriver and the locks will automatically rotate outwards to secure the dome camera to the ceiling. Then adjust the view angle of the camera.
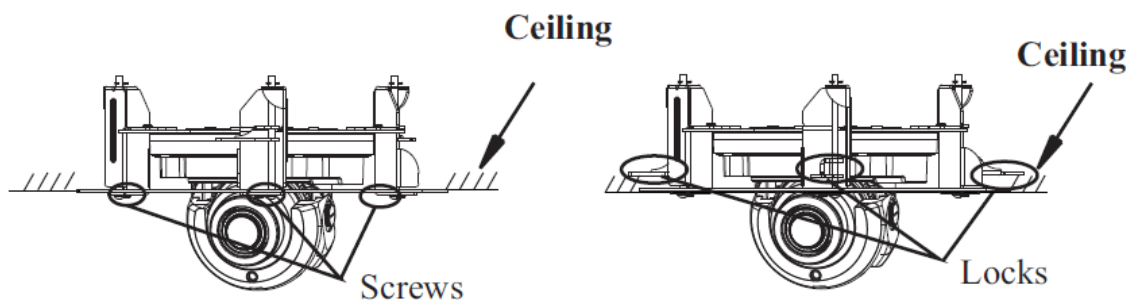


5. Install the lower dome back to the camera. Then put the trim ring onto the lower dome and rotate it clockwise until it is locked.
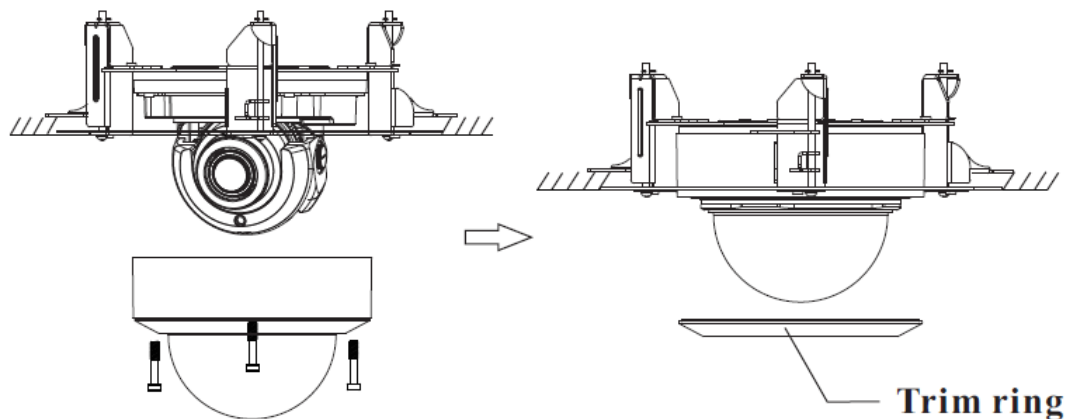
6.    Install the magnetic ring of the bracket.



**Magnetic ring**