HSG2 Outdoor IP67 PoE housing
Installation Manual

Arecont Vision

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HSG2 Installation Manual

Inside the box:

A. Arecont Vision HSG2 Housing
B. Flat washer
C. Spring washer
D. Machine screw
E. Two (2) rubber plugs
F. RJ45 Cable
G. Two-sided hexagonal wrench

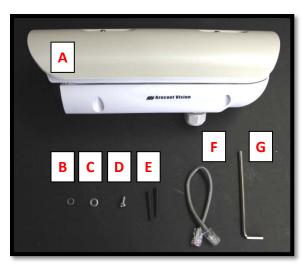## Not included but needed:

- #1 Phillips head screwdriver

Image 1

Mounting the Camera:

1. Remove HSG2 housing and hardware from the box.

2. Open the HSG2 housing by using the provided wrench to loosen the two screws shown in **Image 2**.

   NOTE: Do not remove screws from the housing.

Image 2

3. Remove the tray from the housing shown in **Image 3**.

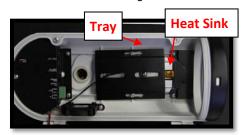   *Note: Please do not remove the heat sink from the HSG2 housing.*

Image 3

4. Use the provided screw, flat washer and spring washer to attach Arecont Vision MegaVideo® cameras on the tray shown in **Image 4-1 and Image 4-2**.

Image 4-1

Image 4-2

5. Attach the tray onto HSG2 housing and make sure the tray firmly contact with the heat sink shown in **Image 5**.
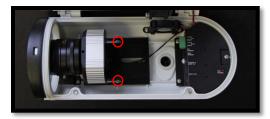

Image 5

6. Remove the silicone cap from the housing, cut the side part (if necessary) (**Image 6**) to run the RJ45 cable, external power and digital in/out cables through the silicone cap. Insert the provided rubber plugs to cover unnecessary holes in the silicone cap (**Image 7**)
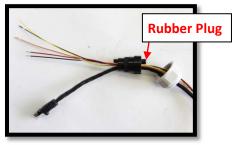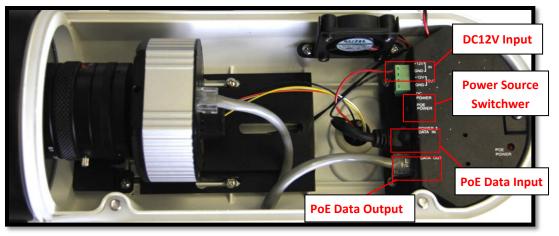

Image 6

Image 7

Image 9

7. Run Ethernet cable, external power cable (if necessary) and digital in/out cables (if necessary) through the hole of HSG2 housing and tighten all fittings to ensure a liquid-tight seal. (**Image 8**)

Image 8

8. Plug the Ethernet cable into the HSG2 PoE power & data input. (**Image 9**)

9. Use the provided RJ45 cable to connect Arevont Vision's MegaVide® camera to the HSG2 PoE data output. (**Image 9**)

10. Switch HSG2 power source to PoE power shown in **Image 9**. *NOTE: If the camera is powered via PoE, please skip **step 11-12**.*

11. If the HSG2 housing is powered by an outside power supply, 12VDC, connect the external power to the HSG2 DC12V input (**Image 9)**.

    NOTE: HSG2 can support heater, 2 fans and camera via either PoE or DC12V.

12. Switch the HSG2 power source to DC power shown in **Image 9**.

13. Attach the HSG2 to the wall mount.

14. Power on the camera, adjust focus and tighten the set screws on the chassis.

HSG2 Wall Mount (HSG2-WMT) Installation Instructions

Inside the box:

    A. Wall mount
    B. Pack of four (4) wood screws and four (4) dry wall anchors
    C. Two-sided Hexagonal Wrench

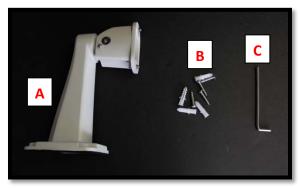**Not included but needed:**

- #2 Phillips head screwdriver

Image 10

1.   Remove wall mount and hardware from the box.

Image 11

2.   Run the Ethernet cable and outside power cable (if necessary) through the wall mount.

3.   Install the HSG2 housing onto wall mount as shown in **image 11**.

4.   Attach the wall mount to the wall using drywall screws or any optional hardware suitable for the mounting surface.

5.   For installation of the camera, please reference "**Mounting the Camera.**"

HSG2 Junction Box Adapter (SV-JBA) for MD-WMT2 Installation Instruction

Caution:

Use of SV-JBA is recommended for outdoor installation on hard surfaces requiring external conduit.

Inside the box:

- A. Junction Box Adapter
- B. Pack of four (4) machine screws
- C. One double-sided hex key
- D. Pack of four (4) wood screws and four (4) dry wall anchors
- E. Mounting Template

Not included but needed:

- #2 Phillips head screwdriver
- HSG2-WMT (HSG2 Wall Mount)
- ¾" NPT Conduit (if necessary)

Image 12

1. Remove the junction box and hardware from the box.

Image 13

2. Remove the conduit plug by first removing the socket set screw by using the provided hex key.

3. Attach the junction box adapter to the wall using drywall screws or any optional hardware suitable for the mounting surface.

4. Run the Ethernet cable and outside power cable (if necessary) through the junction box adapter.

5. Attach HSG2 wall mount to the junction box adapter as shown in **Image 13**.

6. Connect ¾" NPT conduit to the junction box adapter.

7. For installation of the camera, please reference "**Mounting the Camera.**"

HSG2 Pole Mount Adapter (MD-PMA) Installation Instructions

<u>Inside the box:</u>

- A. Pole Mount Adapter
- B. 2x Compression Fittings
- C. 2x Small Steel Straps
- D. 2x Large Steel Straps
- E. Pack of four (4) machine screws

<u>Not included but needed:</u>

- #2 Phillips head screwdriver
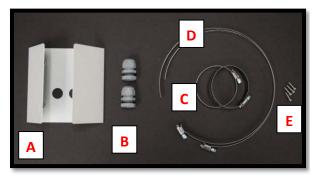- MegaDome**®** Wall Mount, MD-WMT2

Image 14

1. Remove pole mount adapter, compression fittings, steel straps and hardware from the box.

2. Install compression fittings to pole mount adapter as shown in **Image 15**.

3. Run the Ethernet cable and outside power cable (if necessary) through the compression fittings.

4. Attach the wall mount to pole mount adapter as shown in **Image 16**.

5. Use the supplied two large or small steel straps to attach the pole mount adapter to the pole and tighten the compression screws as shown in **Image 16**.

6. Attach HSG2 housing to wall mount adapter. Please reference "**Mounting the Camera,**" if needed.

7. Tighten the compression fittings to seal the wiring holes.

Image 15

Steel Strap

Image 16

HSG2 Corner Mount Adapter (MD-CRMA) Installation Instructions

Inside the box:

- A. Corner Mount Adapter
- B. 2x Compression Fittings
- C. Pack of four (4) machine screws
- D. 2x Packs of four (4) wood screws and four (4) dry wall anchors

Not included but needed:

- #2 Phillips head screwdriver
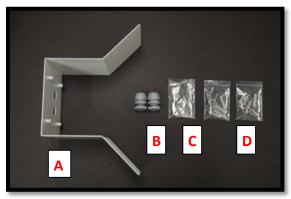- MegaDome**®** Wall Mount, MD-WMT2

Image 17

1. Remove corner mount adapter, compression fitting and hardware from the box.

2. Install compression fittings to corner mount adapter as shown in **Image 18**.

3. Run the Ethernet cable and outside power cable (if necessary) through the compression fittings.

4. Attach Wall Mount Adapter to Corner Mount Adapter as shown in **Image 19.**

Image 18

Image 19

5. Using the screws provided (or other hardware) attach the corner mount adapter to an exterior 90° corner wall.

6. Attach the HSG2 housing to Wall Mount Adapter. Please reference "**Mounting the Camera**", if needed.

7. Tighten the Compression Fittings to seal the wiring holes.

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