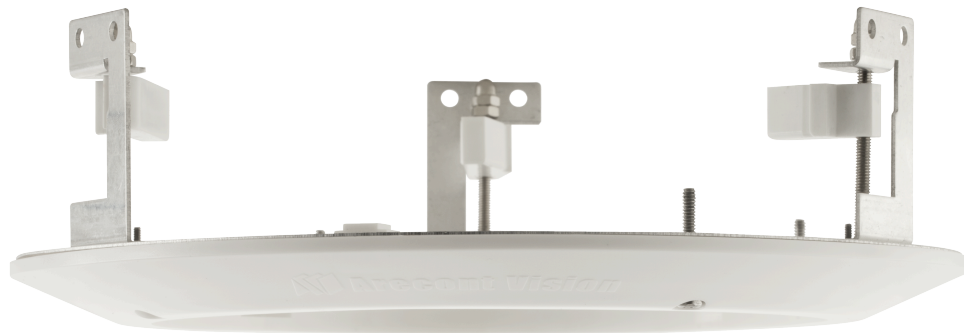# SO-FMA In-ceiling Mount
Installation Manual

Compatible with all **Surround**Video® Omni Series Cameras

⚠️ # CAUTION!

1. Do not attempt to service a damaged unit yourself. Refer all servicing to qualified service personnel.
2. Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/ANSI, and with all local codes and authorities having jurisdiction. Wiring should be UL Listed and/or Recognized wire suitable for the application.
3. Always use hardware e.g. screws, anchors, bolts, locking nuts etc. which are compatible with mounting surface and of sufficient length and construction to insure a secure mount.

Warranty Information

Global (3 Year) Limited Warranty

ARECONT VISION warrants to Purchaser (and only Purchaser) (the "Limited Warranty"), that: (a) each Product shall be free from material defects in material and workmanship for a period of **thirty-six (36) months** from the date of shipment (the "Warranty Period"); (b) during the Warranty Period, the Products will materially conform with the specification in the applicable documentation; (c) all licensed programs accompanying the Product (the "Licensed Programs") will materially conform with applicable specifications. Notwithstanding the preceding provisions, ARECONT VISION shall have no obligation or responsibility with respect to any Product that (i) has been modified or altered without ARECONT VISION's written authorization; (ii) has not been used in accordance with applicable documentation; (iii) has been subjected to unusual stress, neglect, misuse, abuse, improper storage, testing or connection; or unauthorized repair; or (iv) is no longer covered under the Warranty Period. ARECONT VISION MAKE NO WARRANTIES OR CONDITIONS, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, OTHER THAN THE EXPRESS LIMITED WARRANTIES MADE BY ARECONT VISION ABOVE, AND ARECONT VISION HEREBY SPECIFICALLY DISCLAIMS ALL OTHER EXPRESS, STATUTORY AND IMPLIED WARRANTIES AND CONDITIONS, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT AND THE IMPLIED CONDITION OF SATISFACTORY QUALITY. ALL LICENSED PROGRAMS ARE LICENSED ON AN "AS IS" BASIS WITHOUT WARRANTY. ARECONT VISION DOES NOT WARRANT THAT (I) THE OPERATION OF THE PRODUCTS OR PARTS WILL BE UNINTERRUPTED OR ERROR FREE; (II) THE PRODUCTS OR PARTS AND DOCUMENTATION WILL MEET THE END USERS' REQUIREMENTS; (III) THE PRODUCTS OR PARTS WILL OPERATE IN COMBINATIONS AND CONFIGURATIONS SELECTED BY THE END USER; OTHER THAN COMBINATIONS AND CONFIGURATIONS WITH PARTS OR OTHER PRODUCTS AUTHORIZED BY ARECONT VISION OR (IV) THAT ALL LICENSED PROGRAM ERRORS WILL BE CORRECTED.

For RMA and Advance Replacement information visit http://www.arecontvision.com

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Installation

1. The SurroundVideo® Omni camera has been designed to provide installers with flexible mounting options such as ceilings, walls, poles or corners. Determine a secure location to mount the camera.
2. Use the supplied security L-key, to remove the four (4) screws securing the dome cover. The bubble and four (4) securing screws will be used on the SO-FMA. The camera trim ring is no longer required and can be discarded or saved for future use.
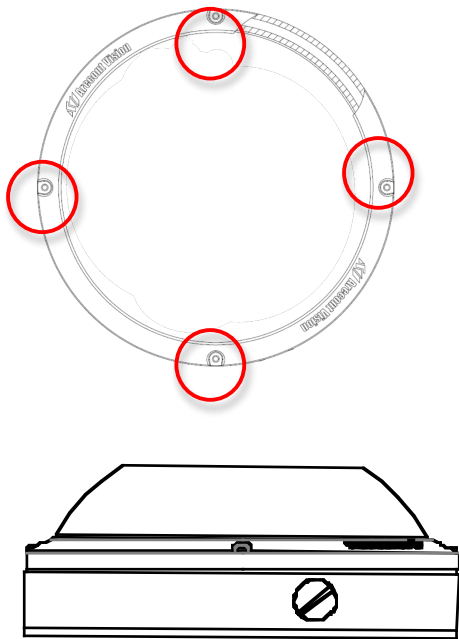
NOTE: When mounting the camera outdoors or in a wet environment, use of supplied rubber gasket is recommended. Ensure the three holes on the top of the housing are aligned with the gasket and it is properly seated flush with the camera housing.

Ensure you have the proper compatible mounting parts prior to starting your installation:
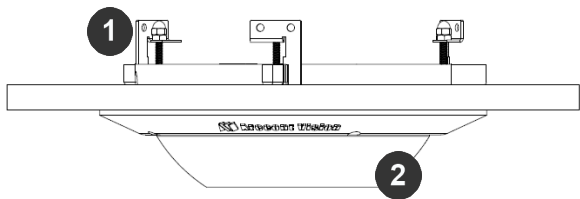
Reference #	Mount Type	In-ceiling Mount Components Required
1	In-ceiling mount	SO-FMA in-ceiling adapter
2		SurroundVideo® Omni camera

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NOTE: It is recommended to conduct periodic inspections of the installation. Rust on the metal parts or screws may result in damage to the camera.
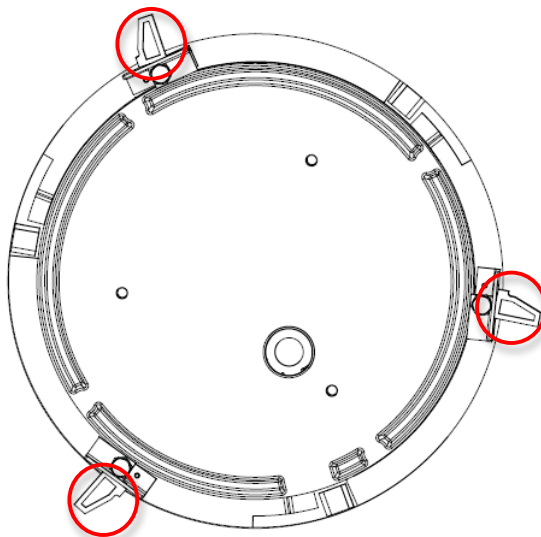
In-ceiling Mount

To properly flush mount the SurroundVideo® Omni to a drop ceiling or similar surface, a flush mount adapter kit (SO-FMA) is required (sold separately).

1. Cut a hole in the ceiling using the template provided.
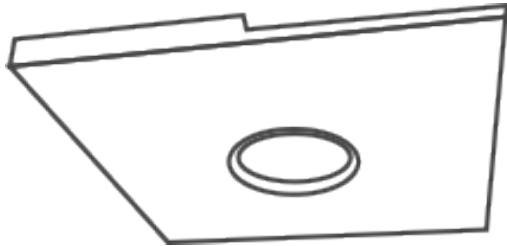
2. Insert the Flange Plate brackets from the SO-FMA into the ceiling hole. The lip of the plate should be flush with the ceiling.

Figure 1: Insert the Flange Plate brackets via the SO-FMA into the ceiling hole

3. Screw the 3 screws into the ceiling. Continue to tighten the screws until the flush mount is snuggly installed. The "Support Arm" will ride down the screw to compress the mounting surface. NOTE: Do not over-torque the lever screws.
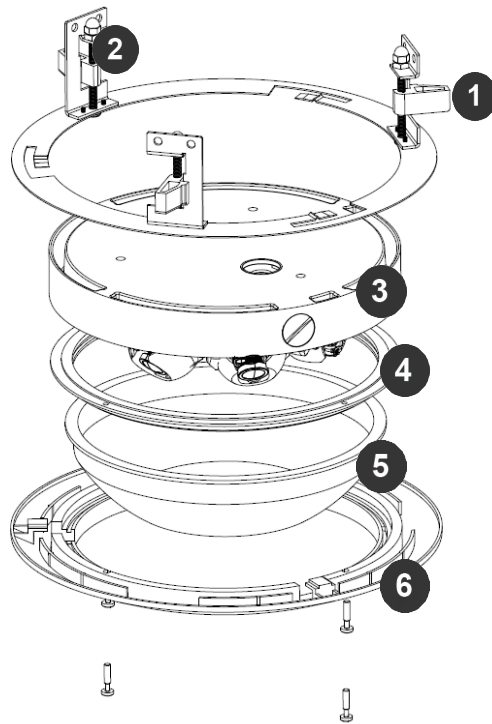
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Figure 3: Compress the mounting surface with lever screws

Reference #	Description
1	SO-FMA flange plate support arm
2	Lever screw
3	SurroundVideo Omni G2 camera
4	Rubber gasket
5	Dome cover
6	SO-FMA trim ring

4. Attach the trim ring to the flush mount adapter by rotating counter clockwise (Figure 4).
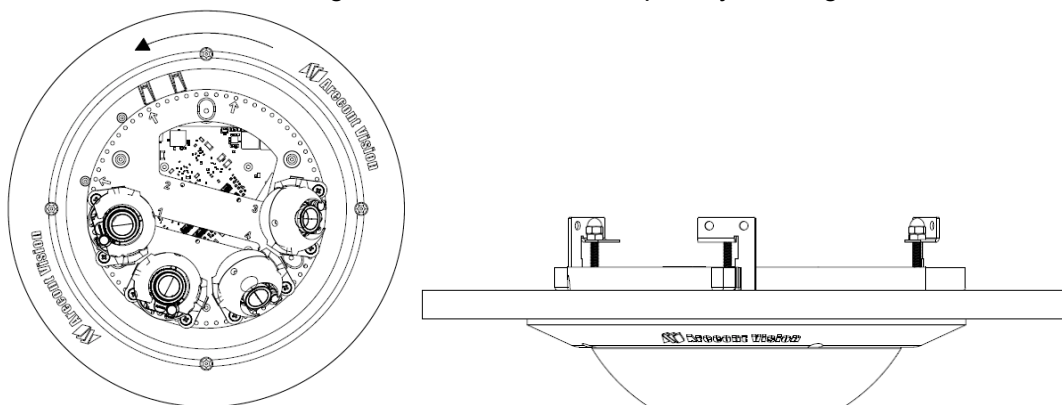

Figure 4: Attach trim ring to the flush mount adapter counter clockwise

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5. To configure the camera, reference the camera's installation manual.

Support

1. Arecont Vision FAQ Page Located at ArecontVision.com

2. Check the following before you call:
    *   Restore camera to factory default with AV200 or the camera webpage.
    *   Upgrade to the latest firmware by visiting ArecontVision.com.
    *   Isolate the camera on a dedicated network and test with AV200.
    *   Swap the "troubled" camera with a known good camera to see if the problem follows the camera or stays at the location.

3. Contact Arecont Vision Technical Support one of three ways:
    1. Online Portal: Support.ArecontVision.com
    2. Phone: 1.818.937.0700 (option #1)
    3. Email: support@arecontvision.com

3. Use the Arecont Vision software AV IP Utility located on the CD or available for download at our website (www.arecontvision.com) for camera discovery and setup (see Instruction Manual located on the CD or available on our website).

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