RHIUTH Top Hat Housing with Skirt

Installation Guide

Regulatory Compliance: Safety UL1950

This guide explains how to attach:

- The RHIUTH top hat housing to different mounting structures used for the SpeedDome Ultra camera dome, and
- The skirt to the top hat housing.

WARNING! If the ceiling cannot support the camera dome, ask building maintenance to install additional ceiling supports.

Parts Supplied

Install Kit 0351-2152-01

Housing assy., top hat	1	0400-1256-01
Shirt assy.	1	0400-1145-01
Install Kit	1	0351-2152-01
Anchor bolt, toggle, 1/4x2.25 w/Hdwr	2	2880-0011
Anchor, plastic	2	2880-0073-01
Screw, STAP, AB, 4.2x32, PHP	2	5810-4091-120
Washer, M4, Large O.D.	2	5842-0300-020
Clamp, Romex	1	6010-0036-01

Tools Required

- Electric drill with 3.0mm (1/8in) and 7.0mm (1/4in) bits
- Phillips head screwdriver
- Ratchet wrench with 151mm (6in) extension and 10mm socket.

Procedure

1. To mount housing [a] directly to a hard ceiling (Figure 1), punch or drill hole in the ceiling for cable access, then for:

   Concrete: Use anchor hardware [b].

   Sheet rock: Use anchor [c] and screw [d].

   Wood: Use screw [d].

2. To mount housing [a] to a mounting structure (Figure 2).

   Note: For RHIUFB, RHIUAB, or RHIUHC mounting structures, feed cables through the Romex clamp and into the housing (Figure 2); otherwise, feed cables directly into the housing.

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Figure 1. Direct ceiling attachment

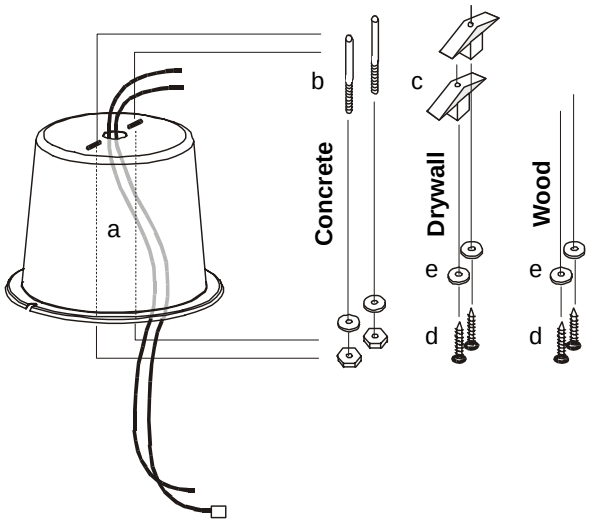
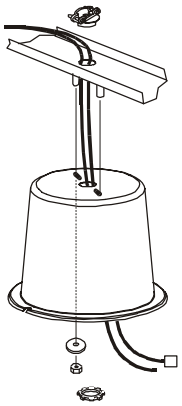


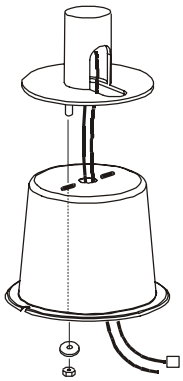
Figure 2. Attachment to mounting structure

To Tile Mount Bracket

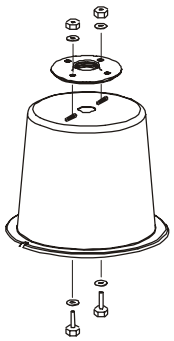


Use M6 hardware from mounting structure RHIUFB or RHIUAB

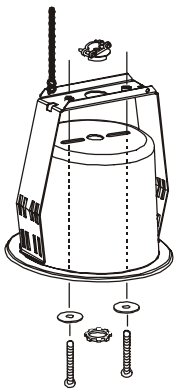
To Plate Adapter



Use M3 hardware from mounting structure RHIUPNDT or RHIULWM



Use M6 hardware from mounting structure RHIUIBM



Use M6 hardware from mounting structure RHIUHC

Procedure to Mount Skirt

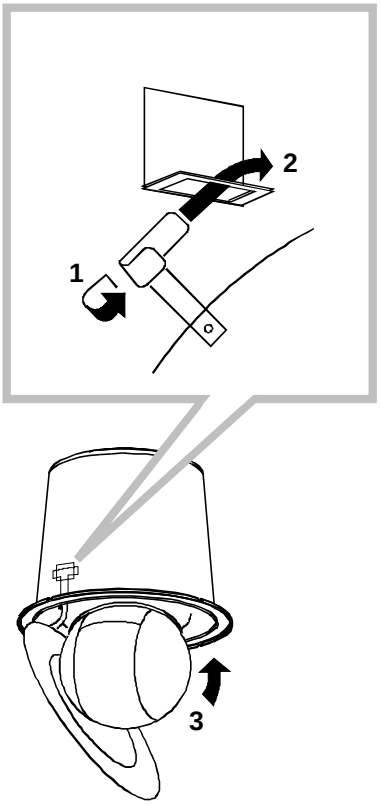
Referring to Figure 3:

1. Take the T-lanyard of the skirt and bend one end of the “T” as shown.
2. Insert the T-lanyard into the slot in the top hat housing until both ends of the “T” extend and catch securely.

   WARNING! Insert the T-lanyard exactly as shown to ensure the skirt is securely attached. Ensure the “T” extends once it is inserted.

3. Attach the skirt to the bottom of the top hat housing. It is magnetically held in place.

Figure 3. Attaching the skirt



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