Disclaimer: *Explosion-proof enclosures should be installed, inspected, and maintained by qualified and competent personnel.*

Review the following before and during field installation for detailed installation and maintenance procedures.

Crouse Hinds ECP documentation for ECP ATEX/IEC Ex Explosionproof Enclosures

Solexy RX Series Coupler documentation

To avoid risk of electrical shock, electrical power must be off before and during installation and maintenance.

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1) Each enclosure has tap-in mounting feet included. Mount the enclosure in the desired location. Refer to Figure 1 for mounting dimensions.
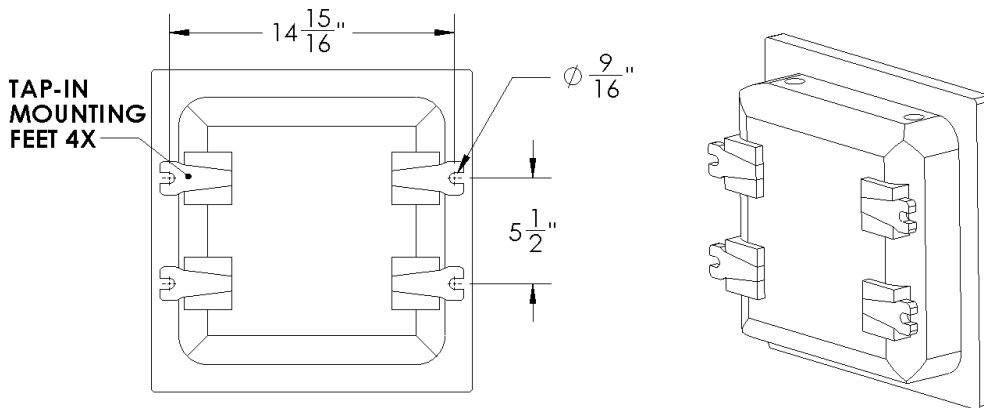

Figure 1.

2) Install the QTY (4) RF Couplers to the enclosure, as well as a conduit coupler (not supplied) for AC Line and Data entry per coupler and enclosure manufacturer documentation.
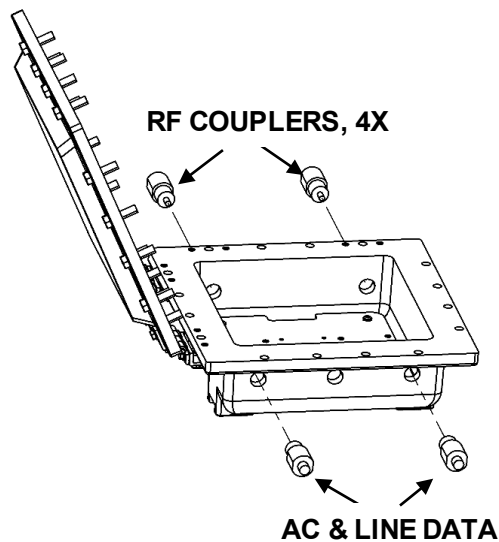

Figure 2.

3) Install the access point to the backplate.

Cisco Access Points- Using the included #8 screws, attach the low-profile mounting bracket supplied with the access point. Plug in the ethernet cable and slide the access point into the mounting bracket. See Figure 3. The backplate also has a dedicated hole pattern to mount the Cisco IW3702E using QTY (4) ¼-20 x .5" screws, split lock washers and flat lock washers (Figure 4).
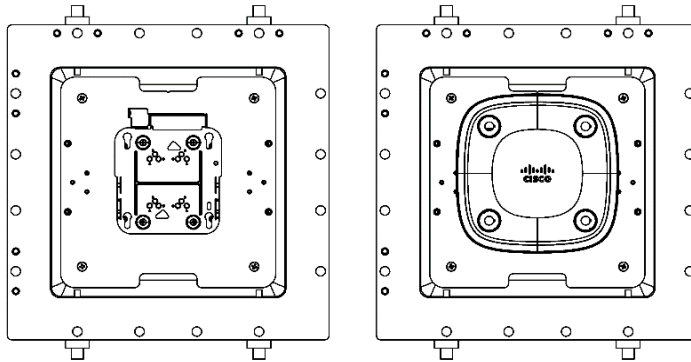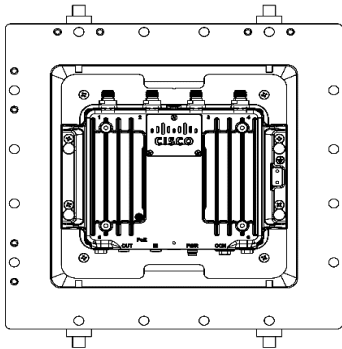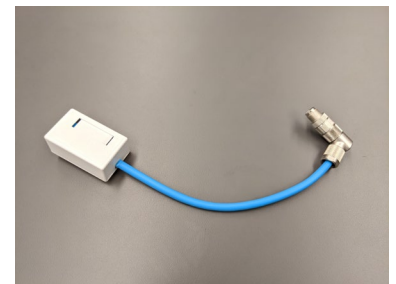

Figure 3.

> **Important Note:** Cisco industrial AP models (IW3702) have M12 X-code PoE IN port. *Ventev recommends using right angle (90deg) M12 X-code connector to ensure proper stress-free connection. Use Ventev SKU 294898 - Cat 6 patch cable, outdoor M12 X-code Male right angle to RJ45 Female Jack connectors 10" long.*

Ventev SKU 294898

Figure 4.

Aruba AP-5XX Access Points- Using the QTY (2) M4 screws that are included with the Aruba access point, attach the Aruba adapter strip to the back of the access point. Plug in the ethernet cable. Attach the strip to the backplate using the included #8 screws. See Figure 5.
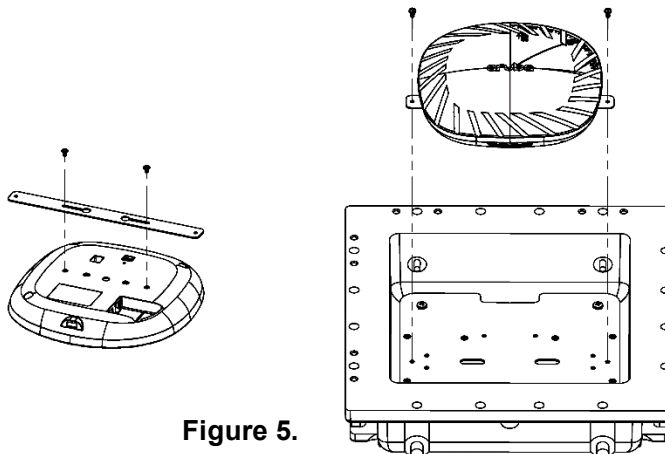

Figure 5.

Older Aruba Access Points / T-Bar Mountable Access Points- Previous generations of Aruba access points use Aruba supplied snap-on T-bar clip. Attach snap-on T-bar clip to the AP and then clip to the T-bar bracket included with the enclosure. Mount the T-bar to the backplate with the included QTY (4) screws. Slide the AP along the T-bar for access to the screw holes. See Figure 6.
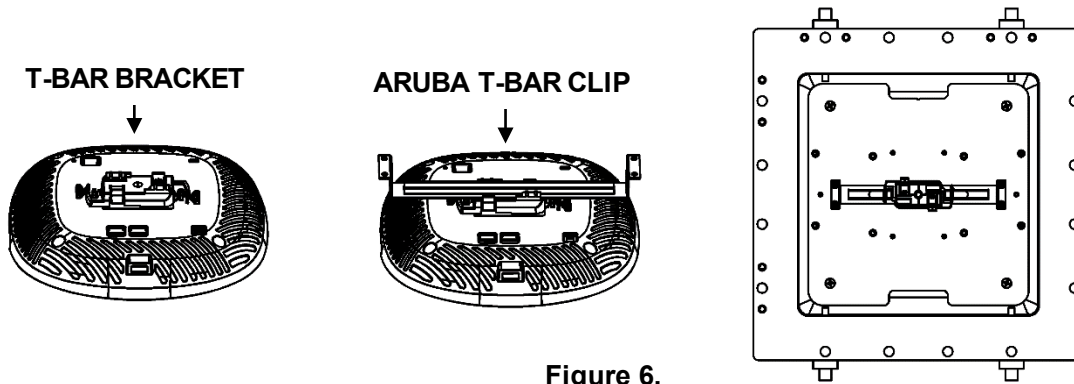
T-BAR BRACKET   **ARUBA T-BAR CLIP**

Figure 6.

Meraki Access Points- The backplate has a hole pattern for the mounting bracket of the Meraki MR-76/86. It is mounted to the backplate by using QTY (4) ¼-20 x .5" screws, split lock washers and flat washers that are included with the enclosure. The mounting brackets for other Meraki access point models can be mounted using included self-drilling screws, split lock washers and flat washers. Plug in the ethernet cable.
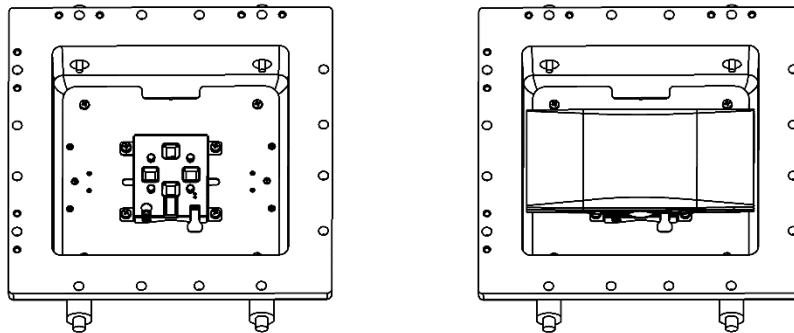

Figure 7.

4) Connect the RF jumpers to the ports on the access point. Attach the omni antennas to the RJ couplers.

5) **Grounding:** Enclosure comes with a ground wire and ring terminal for equipment grounding internally. The ring terminal can be positioned over an unused hole in the backplate and fastened using one of the spare screws. An external grounding terminal is provided as supplemental bonding connection.

6) Close the lid on the enclosure and tighten all cover screws to 40-45 foot-pounds (55-61 Newton-meters).