



INSTALLATION INSTRUCTIONS: AAT-ACE-DOME ENCLOSURE

NOTE!

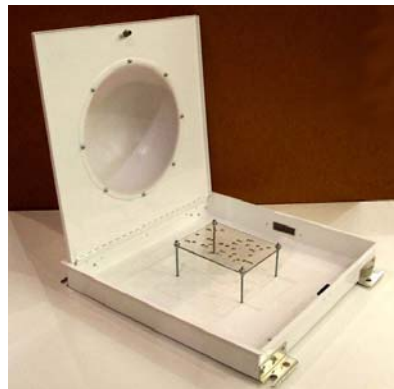
- (1) THIS CABINET IS A PASSIVE WIRELESS ACCESS POINT DESIGNED FOR LOW VOLTAGE APPLICATIONS ONLY.
- (2) THE CEILING TILE GRID SYSTEM MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THIS CABINET. THIS CABINET IS DESIGNED TO BE HUNG FROM FOUR (4) 3/8" THREADED RODS ATTACHED TO THE BUILDING STRUCTURE, OR STANDARD CONSTRUCTION GRADE SUSPENSION WIRE AND HARDWARE IN ACCORDANCE WITH LOCAL CODES AND REGULATIONS.

ASSEMBLY COMPONENTS:

1. 1 EA.—AAT-ACE-DOME ENCLOSURE
2. 1 EA.—KEY FOR INSTALLED LOCK IN DOOR OF ENCLOSURE
3. 2 SETS OF SPACERS—TWO LENGTHS OF SPACERS ARE PROVIDED FOR TRANSMITTER INSTALLATION. CONSULT INSTALLATION INSTRUCTIONS FOR SPECIFIC MODEL NUMBER.
4. 1 EA.—FIRE-FOAM SEAL KIT—ONE KIT CONTAINS THREE (3) FIRE-FOAM SEAL STRIPS TO FIT INSIDE THE CABLE ACCESS BRACKET.
5. 1 EA.—ACCESS BRACKET COVER.
6. 4 EA.— 1/4-20 X 5" HEX HEAD PLATFORM SUPPORT BOLTS.
7. 1 EA.— TRANSMITTER PLATFORM FOR MOUNTING THE WIRELESS TRANSMITTER.
8. 1 EA.— INSTALLATION INSTRUCTIONS.

STEP ONE - OPEN SHIPPING CARTON AND INSPECTION

1. Prepare a location for the AAT-ACE-DOME to be positioned for inspection after removal from the shipping container. After the AAT-ACE-DOME is properly installed, the outside surfaces of the flanges around the door will be exposed to the workspace below the ceiling tile. For appearance purposes, the outside surfaces of these flanges should be protected from denting and scratching.



CAUTION! THE DOOR TO THE AAT-ACE-DOME SHOULD BE LOCKED SHUT IN THE CLOSED POSITION. MAKE SURE THAT THE ENCLOSURE DOES NOT SWING OPEN.

STEP TWO - INSTALLING THE AAT-ACE-DOME ENCLOSURE

1. Remove one ceiling tile (2 feet x 4 feet or 2 feet x 2 feet). Install four (4) threaded rods, or hanging support wires, to the building structure in accordance with standard practices and local codes. Level the cabinet, with the rods or support wires, so the weight of the AAT-ACE-DOME is not born by the ceiling tile system.
2. In the case of a 2' x 2' ceiling tile system the AAT-ACE-DOME will fill the area of the tile. If there is interference between the access port and the ceiling grid strut use tin snips to trim the grid edge for clearance. In a 2' x 4' ceiling tile system the tile must be accurately trimmed to fit on either side of the enclosure if it is centered in the tile space. If the AAT-ACE-DOME is placed to one end of the 2' x 4' tile opening the tile must be trimmed accordingly to fit.

STEP THREE - INSTALLING WIRELESS TRANSMITTER

1. The wireless transmitter can be installed at this time to the platform inside the AAT-ACE-DOME enclosure. Pre-drilled holes are provided for supported brands.
2. Follow manufacturer's recommendations for proper bending radius for the communications cables going to the wireless access point inside this enclosure.
3. The cable(s) must enter the enclosure through the cable access port with its fire-foam seal kit and aluminum cover. THESE MUST BE INSTALLED! Excess cable may be installed inside the enclosure in a figure-eight pattern. If allowed by local codes the slack cable may be stored in the ceiling area.
4. For proper use of the fire-foam seal kit refer to "EXHIBIT-A" at the end of this document.

STEP FOUR - INSPECTION

1. Ensure that the AAT-ACE-DOME enclosure is hung from the building structure using approved threaded rods or approved hanging wires and is installed according to local codes and regulations.
2. Ensure that the AAT-ACE-DOME enclosure does not rest its weight directly onto the ceiling tile grid system.
3. Ensure that the cuts and holes in the ceiling tiles are clean and smooth.
4. Ensure that the enclosure door opens and closes without binding.
5. Ensure that the cable bending radius is within manufacturer's specifications.
6. Ensure that the cables enter through the cable access port and that the fire-foam seal kit and cover are properly installed. See "EXHIBIT-A".

Exhibit “ A “
Installation instructions for Installing Fire Penetration Kits

These kits are used to seal the unit with Fire Penetration Foam around installed access cables into the AAT-ACE-DOME enclosure.

1. Remove the top plate (cover) from the cable access bracket.
2. Sort and comb your cable(s) for smooth and straight access through the penetration. Follow manufacturer's specifications for bend radius.
3. Lift the cables and place two (2) pieces of foam underneath the cable(s).
4. For multiple cables, place cable(s) and space so you can insert strips of foam between them firmly to create a seal Cut foam strips at least 3/8" width to be placed between the cables.
5. For a single cable insert the cable between the second and third foam layer and compress with the cover as it is slid into place.
6. Cables are installed.

