

# Installation Instructions

Model Number 1036-00

## Assembly Components:

- Ceiling enclosure Model 1036-00 assembly – 1 each
- Ceiling tile bridge – 2 each
- #8-32 X 3/8" screw – 4 each
- #8-32 eyebolt – 4 each
- 3/4" Conduit Clamp – 2 each

If any of these items are missing, contact your Oberon representative.

Find a flat work surface to assemble the *ceiling enclosure*, *access point* and *antenna(s)* prior to mounting in ceiling.

Step 1 - Cut a 12.5" x 12.5" opening in the center of a ceiling tile (not included – ref. *Figure 1*).

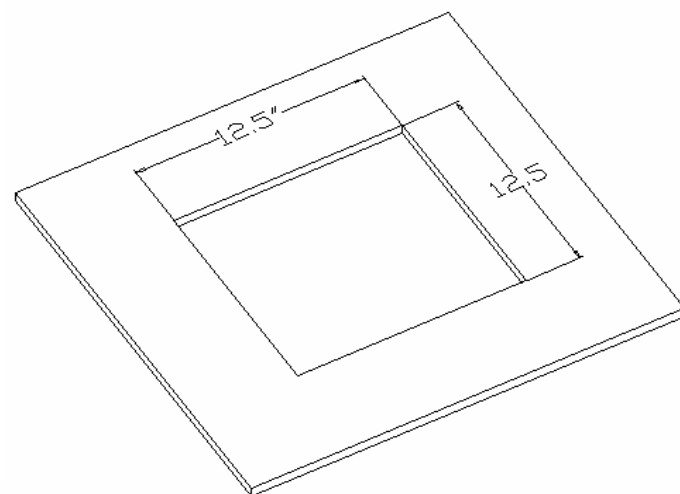


Figure 1 - Cutting ceiling tile.

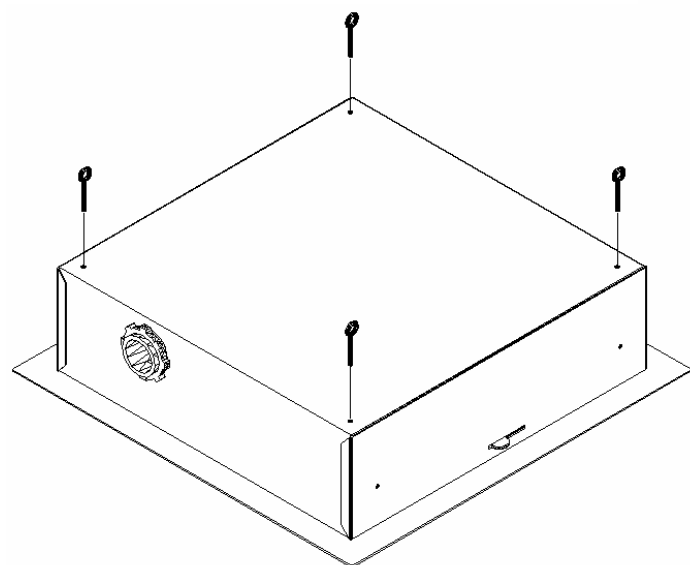


Figure 2 - Hardware installation.

Step 2 – Place the *ceiling enclosure assembly* on the work surface. Install the 4 eye bolts from the topside of the access point enclosure. The *eyebolts* will be used to secure the enclosure with grid wires. Remove one of the 1" trade size hole cover on the side of the enclosure and install the 3/4" cable clamp(s) (the side on which the cable clamp is to be installed will be determined the location the enclosure is to be installed and direction from which conduit will be brought into the enclosure – ref. *Figure 2*).

Step 3 – Lay ceiling tile over the enclosure assembly such that the previously cut opening in the ceiling tile equally spaced around the outside of the enclosure (ref. *Figure 3*). Place the ceiling tile bridges along each side of the enclosure and attach using a #8-32 screw. Prior to tightening, be sure to properly align the tile bridges so the ends of the tile bridges align with the outside edge of the ceiling tile. Once the tile bridges are properly aligned, press the shoulder of the tile bridge down firmly against the tile and then securely tighten the screws. This is to assure that there is minimal gap between the enclosure's flange and the ceiling tile once it is placed in the ceiling.

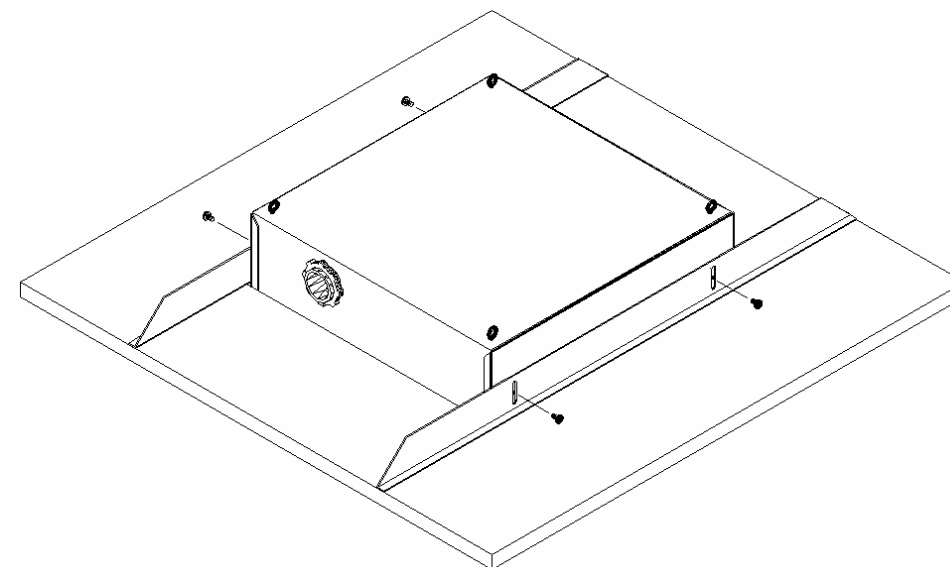


Figure 3 - Installation to ceiling tile.

Step 4 – Use the *mounting hole legend* to determine the mounting hole locations for the type of *access point* chosen. Securely fasten the *access point* to the mounting plate using (4) # 8-32 screws (ref. *Figure 4*) as defined by the mounting hole legend.

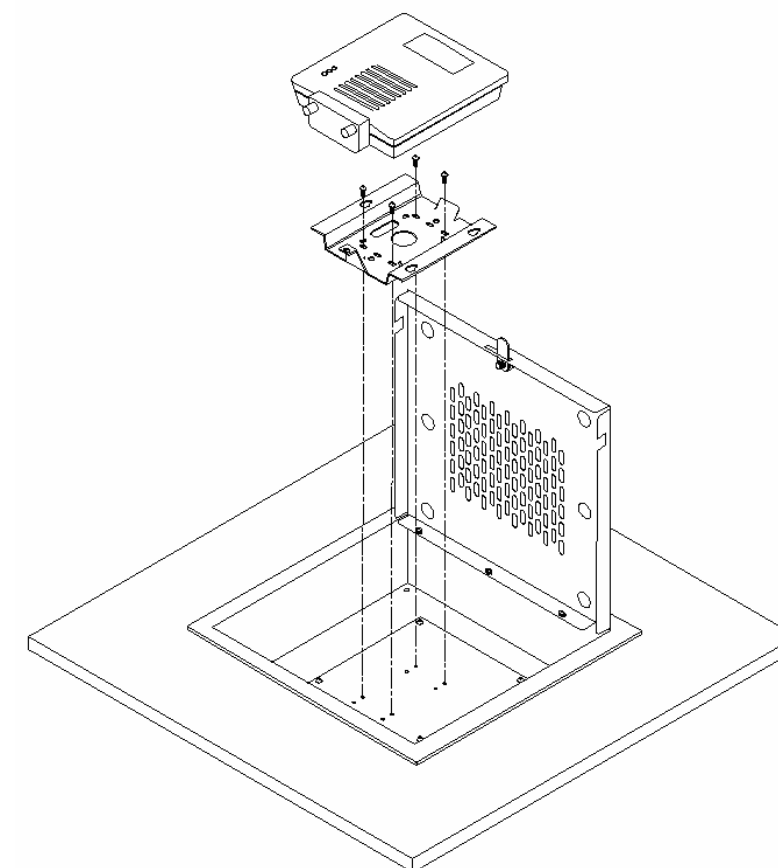
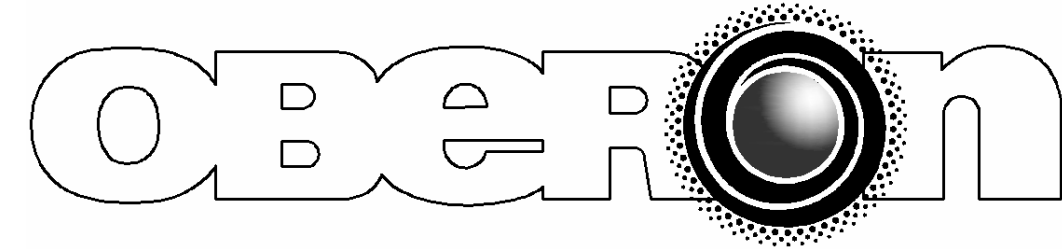


Figure 4 - 1036 mounting plate installation.



# MODEL 1036-00

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### \*\*\*\* WARNING \*\*\*\*

**Please thoroughly read the product warning below before installation to provide for a safe work environment.**

Step 5 – Remove the ceiling tile from the location where the access point enclosure is to be placed (if necessary) and replace with the assembled unit (ref. Figure 5). Use grid wire to attach the *access point enclosure* to the ceiling. Attach one end of the wire to the *eyebolts* and the other end to a permanent structure within the ceiling such as a ceiling joist.

**! \*\*IMPORTANT\*\* -**  
*This is an important safety feature that could prevent human injury or damage to the access point should the unit become dislodged from the ceiling.*

View showing access point enclosure attached to ceiling joists using eye bolts.

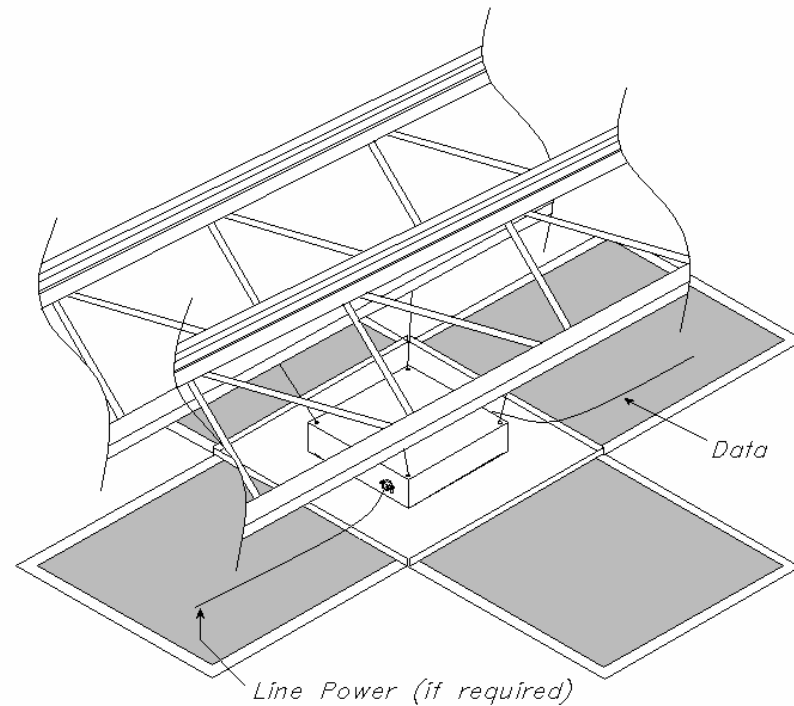
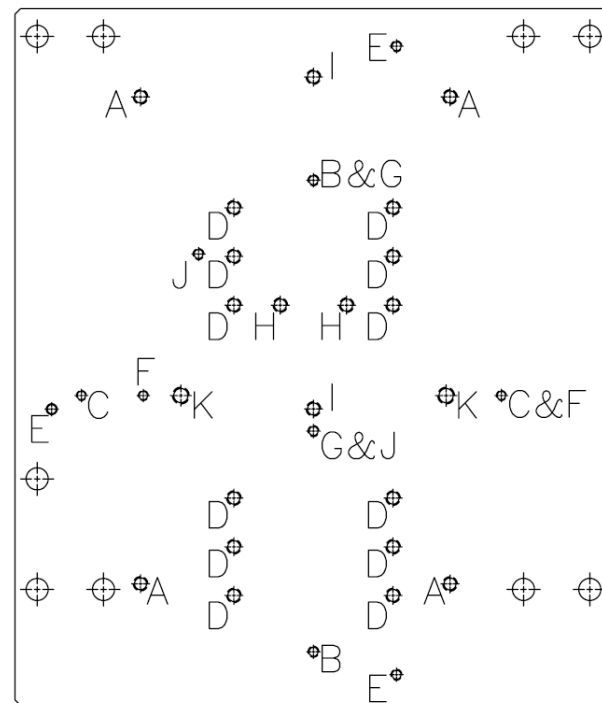


Figure 5 - Ceiling installation.



#### Mounting hole legend.

- A – Cisco AP350
- B – Netgear
- C – Cisco AIR-WGB350
- D – Cisco AP1242 & AP1200 and BlueSocket
- E – Orinoco AP-2000
- F – Newbury
- G – Secnet 11
- H – Chantry Networks BeaconPoint BP200
- I – AirMagnet Sensor
- J – Orinoco AP-4000
- K – Cisco 1000

1. Support guide wires must be used for the installation of this product. Acoustical Ceiling grid work is not designed to support the weight of the enclosure. Four holes placed holes in the back of the enclosure are provided for the installation of eye bolts. Supporting guide wires should be attached to these eye bolts.
2. When closing the enclosure access door, be sure that the cam lock is completely engaged to prevent the access door from accidentally swinging open.
3. When opening the enclosure door, be sure to support the door to prevent the door from accidentally falling open.