

Installation Instructions

Model Number 1052-HFHS-N

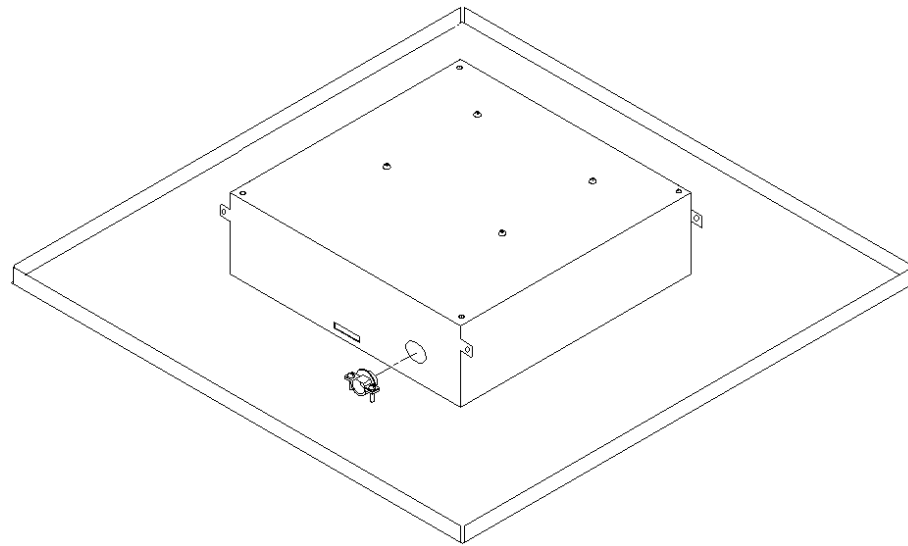
Assembly Components:

- Ceiling enclosure Model 1052-HFHS-N assembly – 1 each
- #6 – 32 eye bolt – 4 each
- 3/4" Trade size cable clamps – 2 each
- #8 – 32 screw – 4 each
- #6 – 32 screw – 4 each
- Installation Instructions – 1 each
- Keys for access door lock – 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 – Place the *ceiling enclosure assembly* on the work surface with the keyed doorway unlocked. Remove hole covers located on the outside edge of the back box to install cable clamps. Install one cable clamp if using P.O.E. or install 2 cable clamps if bringing in power and Ethernet separately.



Step 2 – (**Enterasys Hipath APs Only**) Install the access point so that the three antenna connectors are facing away the door lock. Securely fasten the *access point's mounting plate* to the mounting holes on the back wall of the enclosure using (4) # 8-32 screws. Attach the screws to the **outer** hole pattern. Attach the *Access Point* to the mounting plate. Proceed to *Step 3*.

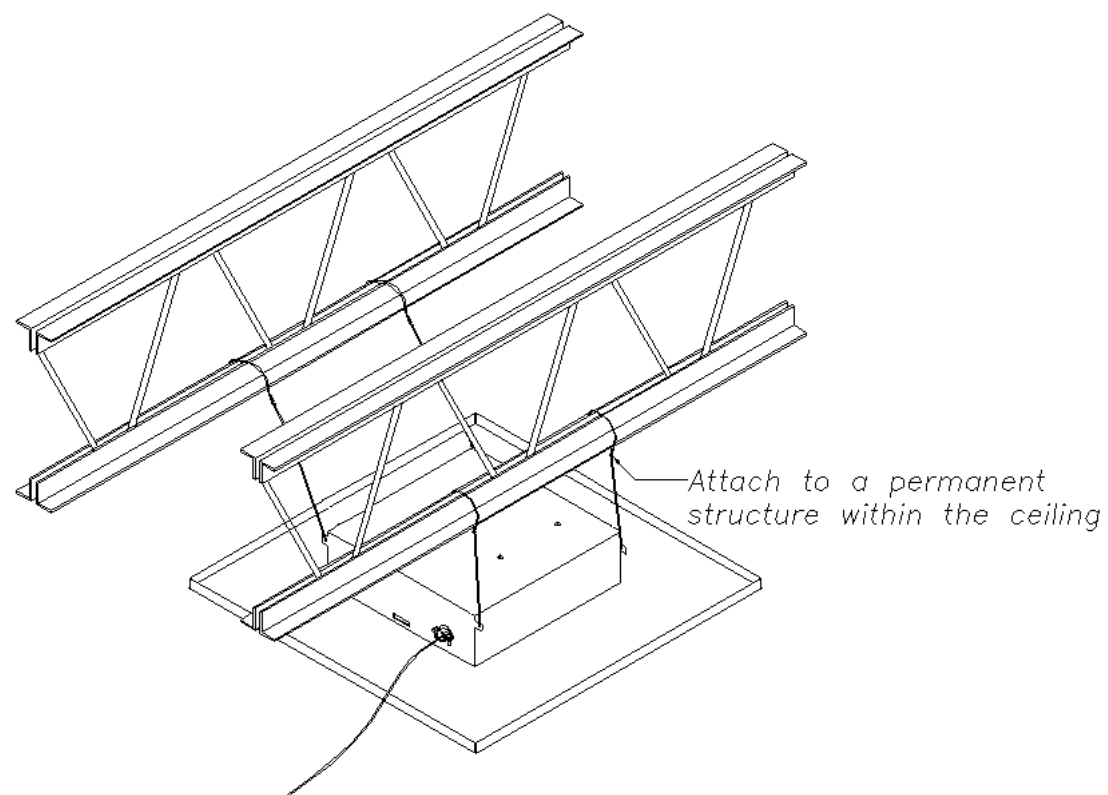
Step 3 – Install Oberon's 34-S24493TS36RSM dual band 802.11n antenna by sliding the clips into the hole positions located on the enclosure door. After installation, connect the *RF coax* cable from the *antenna* to the *access point*.

The assembled unit is now ready for ceiling installation.

Step 4 – Remove the ceiling tile and replace it with the completed *access point enclosure* assembly.

Step 5 – Use minimum 12-gauge grid wire (included) to attach the *access point enclosure* to the ceiling structural support. Attach one end of the wire to the eye tabs located along the edge of the back box and the other end to a permanent structure within the ceiling structural support 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.*

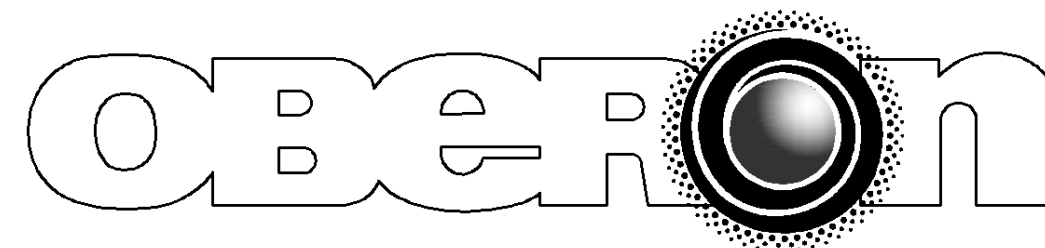


Step 6 – Run the data and power cable (if required) through the cable clamps located on sides of the *access point enclosure*. In order to maintain a separation of signal and power, install the data and power cables through opposite sides of the enclosure utilizing the two knock-outs provided.

Step 7 – Attach data and power cables to the *access point* through the access door then tighten the screws on the cable clamp.

Step 8 – Close and lock the access door. The installation is now completed.

The Oberon Model 1052-HFHS-N access point enclosure is specifically designed to be used with the Enterasys Hipath AP3620 AP2620 access points and Oberon's 34-S24493TS36RSM dual band 802.11n antenna (not included).



MODEL 1052-HFHS-N

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**** WARNING ****

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

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 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.