Step 9 – Place the access point in the opening of the enclosure (reference *Figure 5*) with the access points LED light away from the key lock. If the key is turned the proper direction, the access point should drop in and self-center itself so that the feet on the access point falls into the key slots on the mounting plate (reference Figure 6).

⚠ **NOTE: If the access point and key slots do not align properly, turn the key 180° and repeat step 5.**

Step 10 – After verifying that the access point is properly seated within the opening, turn the key 180° to lock the Access Point in place. The key should require minimal effort to turn. If excessive force is required to turn the key, verify that the access point is properly seated within the opening and then re-try turning the key.

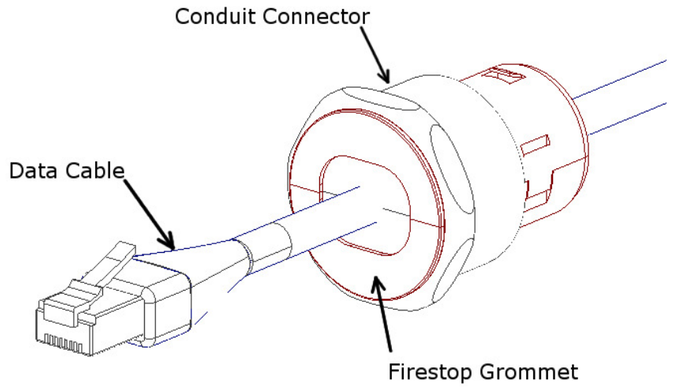

Figure 5 – Pull the data cable through far enough to allow attachment to the access point (8" - 10"). Snap the grommet around the cable(s).

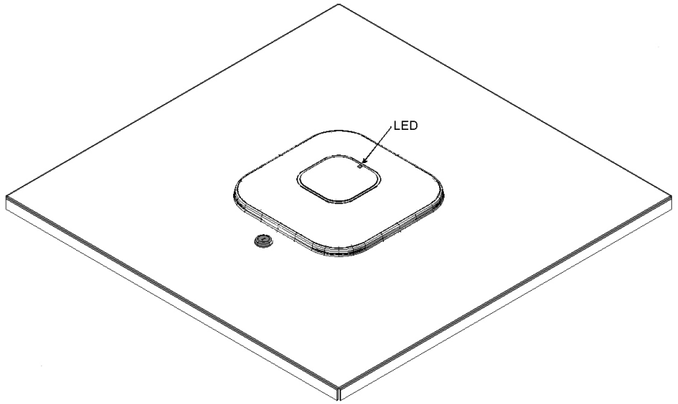

Figure 6 – Proper positioning of AP within the 1064 enclosure. Note that the access point should be located within the AP mount so that the LED is located closest to the lock

MODEL 1064-T

Installation Instructions

**** WARNING ****

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

1. Ceiling mounted products should be installed in accordance with National Electric Code paragraphs 300.10 (Electrical Continuity of Metal Raceways and Enclosures) and 300.11 (Securing and Supporting). Independent support wires or other means must be used for the installation of this product in the ceiling. Acoustical, suspended, false, drop and concealed spline ceiling grid work is not designed to support the weight of this product. Oberon's ceiling mounted products have four support wire tabs on the back box. These tabs shall be used for supporting the product with independent support wires, wire rope, threaded rod, or other secure support means of adequate gauge and fire resistance. A UL listed anchor or fastener suitable for the building material and type of construction shall be used to anchor the support mechanism.
2. The Cabinet System Communication is configured in the field by qualified service personnel.
3. When closing the enclosure access door, be sure that the cam lock is completely engaged to prevent the access door from accidentally swinging open.
4. When opening the enclosure door, be sure to support the door to prevent the door from accidentally falling open.
5. This enclosure has a maximum operating ambient of 55 ºC (131 ºF). The temperature within the enclosure may not exceed this temperature, depending on power dissipation within enclosure.
6. A minimum air clearance of 1" between the housing of the access point and the enclosure side walls must be maintained for the safe operation of the equipment.
7. This product is intended to be installed by trained personnel.
8. Only Listed ITE products shall be installed within the enclosure.
9. This product is to be repaired by personnel trained by the manufacturer or returned to the manufacturer for repair or replacement.
10. Maximum weight to be installed in the unit is 25 lbs.
11. All knockouts, openings, and holes shall be sealed with a plug constructed of metal, or a non-metal material that complies with UL 2043 or UL 1479.
12. All unused mounting holes should be sealed with tape or other material that complies with UL 1479.
13. AC Power is not to be used inside the enclosure.
14. A readily accessible disconnect device shall be incorporated in the building installation wiring.
15. See OSHPD approved installation drawing where applicable.

1. Los productos montados en el techo deben instalarse de acuerdo con los párrafos 300.10 del Código Eléctrico Nacional (Continuidad eléctrica de conductos y recintos metálicos) y 300.11 (Fijación y soporte). Se deben utilizar cables de soporte independientes u otros medios para la instalación de este producto en el techo. La rejilla acústica, suspendida, falsa, caída y oculta en el techo estriado no está diseñada para soportar el peso de este producto. Los productos montados en el techo de Oberon tienen cuatro pestañas de alambre de soporte en la caja posterior. Estas pestañas se utilizarán para soportar el producto con cables de soporte independientes, cable, varilla roscada u otros medios de soporte seguros de calibre adecuado y resistencia al fuego. Se debe usar un ancla o sujetador con certificación UL adecuado para el material de construcción y el tipo de construcción para anclar el mecanismo de soporte.
2. La comunicación del sistema de gabinete está configurada en el campo por personal de servicio calificado.
3. Al cerrar la puerta de acceso al gabinete, asegúrese de que el bloqueo de la leva esté completamente enganchado para evitar que la puerta de acceso se abra accidentalmente.
4. Al abrir la puerta del gabinete, asegúrese de sostener la puerta para evitar que la puerta se abra accidentalmente.
5. Este recinto tiene un ambiente operativo máximo de 55 ºC (131 ºF). La temperatura dentro del gabinete no puede exceder esta temperatura, dependiendo de la disipación de energía dentro del gabinete.
6. Se debe mantener un espacio libre de aire mínimo de 1 "entre la carcasa del punto de acceso y las paredes laterales del gabinete para la operación segura del equipo.
7. Este producto está destinado a ser instalado por personal capacitado.
8. Solo los productos ITE listados se instalarán dentro del gabinete.
9. Este producto debe ser reparado por personal capacitado por el fabricante o devuelto al fabricante para su reparación o reemplazo.
10. El peso máximo a instalar en la unidad es de 25 lbs.
11. Todas las perforaciones, aberturas y agujeros deben sellarse con un tapón construido de metal o un material no metálico que cumpla con UL 2043 o UL 1479.
12. Todos los agujeros de montaje no utilizados deben sellarse con cinta u otro material que cumpla con UL 1479.
13. La alimentación de CA no se debe utilizar dentro del gabinete.
14. Se debe incorporar un dispositivo de desconexión fácilmente accesible en el cableado de instalación del edificio.
15. Vea el dibujo de instalación aprobado por OSHPD donde corresponda.

Installation Instructions

Model Number 1064-T

Assembly Components:

- Ceiling AP Mount, Model 1064-T Assembly – 1 each
- #8-32 Screws – 4 each
- #8-32 x 1/4" Standoffs – 4 each
- Keys for Lock – 2 each
- 8" Cable Tie – 1 each
- Hanger Wire – 4 each
- Dual Cable Egress Firestop Grommet – 1 each
- 1" Trade Size Conduit Connector – 1 each

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

Find a flat work surface to assemble the *ceiling AP mount* and *access point* prior to mounting in ceiling.

Step 1 – Turn the AP mount over so that the access point opening is facing upward. Install the Cisco mounting plate using four (4) #8-32 pan head screws. The mounting plate should be placed so that the round portions of the key slots are located away from the enclosure lock (reference *Figure 1*). The Cisco "BRACKET 2" should be used with all Cisco 1400, 1600, 2600, 2700, 3500, 3600, and 3700 Access Points.

NOTE: When using Cisco 3600 and 3700 series access points, mount the access point mounting plate directly to the enclosure's mounting plate. When using Cisco 1140, 1600, 2600, and 3500 series access points, you will need to use the optional standoff kit to have the access point set at the proper height in the enclosure. The standoff kit is Oberon P/N *39-STANDOFF*.

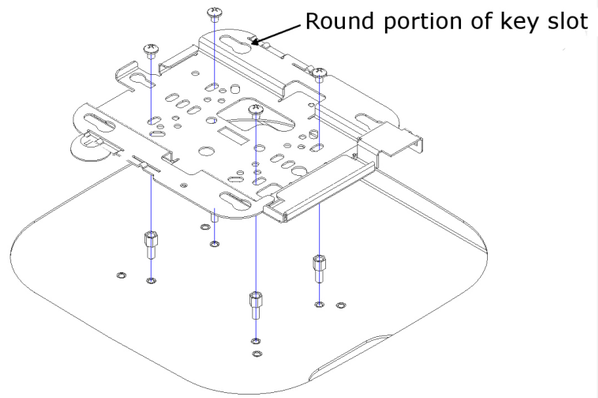

Figure 1 – Close-up showing proper orientation of the Cisco Bracket 2, refer to note for using standoffs

Step 2 - Optional safety tether: To attach the optional safety tether, insert the included cable tie into the Kensington lock slot at an angle toward the top of the access point. There is an opening that will allow the cable tie to pass through (reference *Figure 2*).

Step 3 - Loop the cable tie through the tether anchor located on the mounting plate of the enclosure and lock the cable tie loosely (reference *Figure 3*).

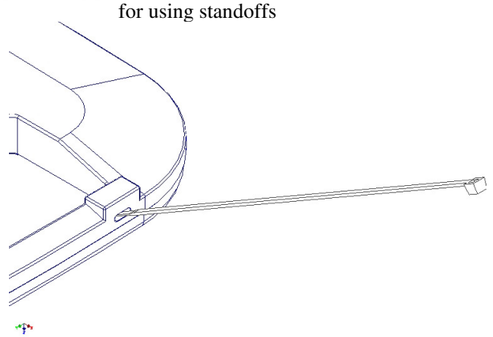

Figure 2 – Insert cable tie through Kensington lock slot

Step 4 – Remove the ceiling tile and replace it with the completed *AP mount* assembly.

Step 5 – Use minimum 12-gauge grid wire to attach the *AP mount* to the ceiling. Attach one end of the wire to the *support tabs* and the other end to a permanent structure within the ceiling such as a ceiling joist (reference Figure 4).

⚠**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 conduit connector located on the side of the *access point enclosure*. Pull the data cable through far enough to allow attachment to the access point (8" - 10"). Clip the provided firestop grommet onto the data and power cable inside the enclosure and slide the grommet into the conduit connector so the end is flush with the connector (reference Figure 5).

Step 7 – Attach data and power cables to the *access point* from the front side of the AP mount. Make sure the firestop grommet is still within the conduit connector.

Step 8 – Insert the key into the lock and turn the lock 180° in both directions to determine which way the slide needs to be moved so that the mounting plate is located furthest from the key lock.

NOTE: The Cisco AP's are locked into the AP mount using the key. The turning of the key activates a cam mechanism that slides the mounting plate underneath the access point, thus, locking the feet of the access point into keyhole shaped slots located on the mounting plate. Once the access point is installed and the key removed, the access point is securely mounted in the AP mount and cannot be removed without the key. Additional security measures as described in Cisco's *Installation Guide* (i.e. padlocks, security screws, and security hasp) are not required.

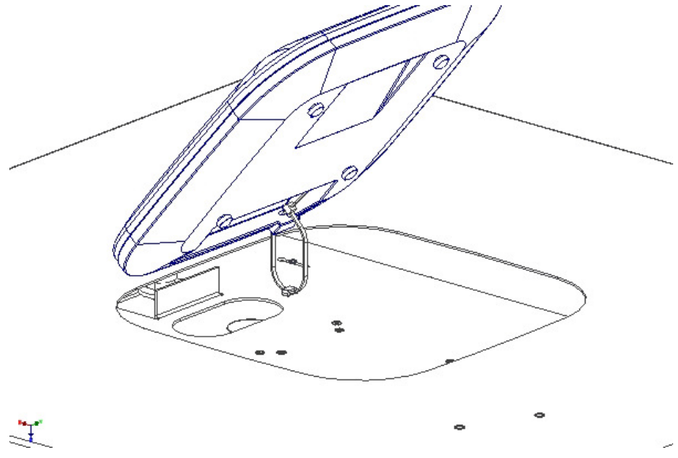

Figure 3 – Loosely attach the cable tie

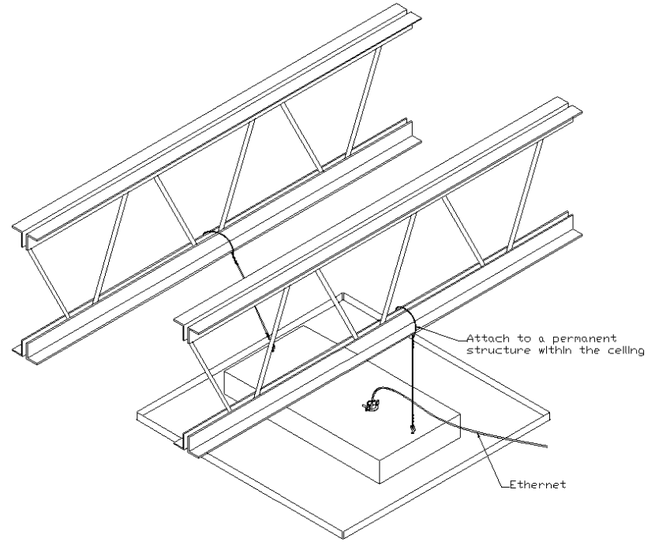

Figure 4 – Installation of grid wires and Ethernet cable.