

# Installation Instructions

## Model Number 900-00

### Assembly Components:

- Surface Wall Mount Box, base and cover - 1 each
- #8 - 32 screws (for attaching access point mounting plate) – 4 each
- Installation Instructions – 1 each

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

The Oberon Model 900-00 is designed to surface mount the Aruba and Cisco Enterprise wireless access points.

Step 1 - Determine the location where the *access point* will be installed. Ideally, the location should be in an area where the mounted access point will be free of obstructions and high up on the wall or on the ceiling. To remove the cover, first loosen the screws in the captive nut enough to allow the cover to rotate slightly, then loosen the screw on the slotted end of the cover a couple turns to allow the cover to be lifted off the base. Do not entirely remove the screws as this will make re-assembly easier after the access point has been installed.

### Surface Mount Over Outlet

The mount base can be installed in one of two ways. Ideally, a data outlet will first be installed in the location where the access point is mounted. For this type installation, remove the data outlet's cover plate by removing the two screws holding it in place. Using the screws previously removed, place the base of the Oberon mount over the outlet, with the captured screws toward the bottom of the base, and screw it in place using either the center set of obround holes (for a single gang data box) or the outer set of obround holes (for a double gang box) (Ref. figure 1). Optionally, the mount base can be rotated 90° and installed over the outlet plate without having to remove the outlet cover. In this type installation, use screws that match the wall surface material and attach the mount base to the wall surface through the keyhole openings in the back of the base.

### S/B Surface Mount with Biscuit Jack

If no data outlet is available, the base can be surface mounted directly to a wall or ceiling using screws (not supplied) inserted into the four (4) keyhole openings located on the outer corners of the base. First, remove the knockout to provide a place to bring in the Ethernet cables. Use the base to mark the screw locations on the wall or ceiling and attach the base. A surface mount box or biscuit jack and equipment cord can be mounted inside the Model 900. Use an adhesive backed surface mount box. Consider bend radius of permanent link cable and equipment cord when attaching surface mount box. (Ref. Figure 2)

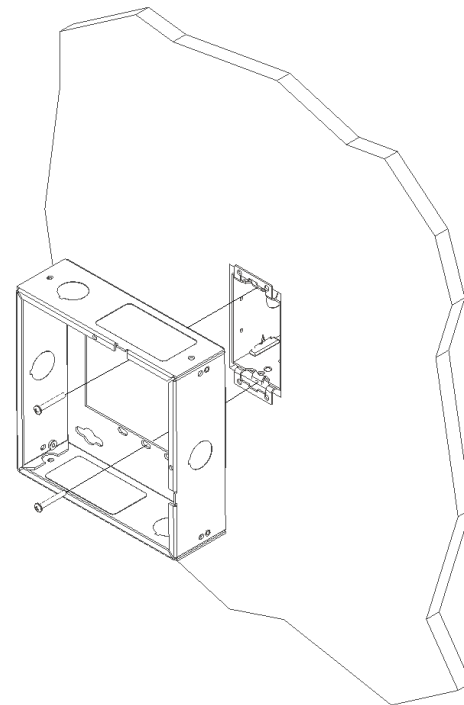


Figure 1 - Surface Mount Over Outlet

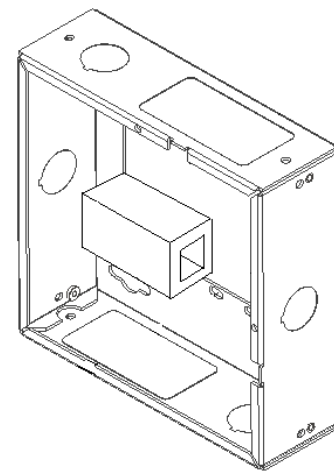


Figure 2 - Surface Mount Box Installation (not included)

Step 2 - **(ARUBA INSTALLATIONS)** To install an Aruba access point, align the round bosses on the back of the access point with the opening on the cover of the Oberon mount. Slide the access point down and secure in place using the #8-32 screw or plunger. Install the screw into the center nut to prevent the access point from being dislodged (Ref. Figure 3).

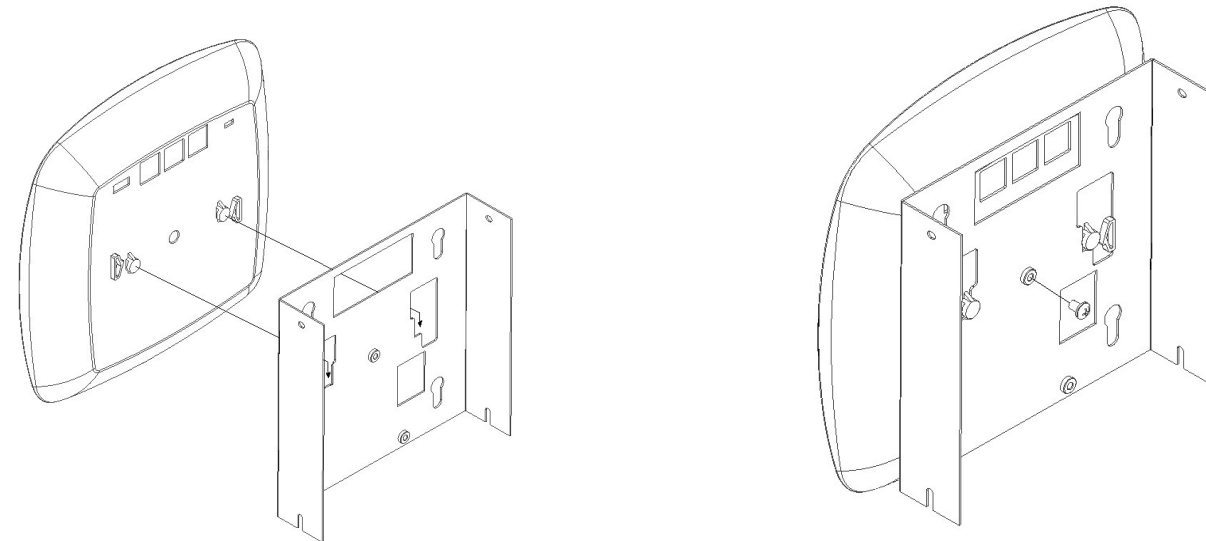


Figure 3 - Aruba Installation

**(CISCO 2600, 2700, 3600, 3700 INSTALLATIONS)** To install a Cisco access point, place the access point's mounting feet into the keyhole slots, with the AP's Ethernet ports toward the large rectangular opening, and slide the access point down. Secure in place using a #8-32 screw. Install the screw into the nut located near the edge (Ref. Figure 4).

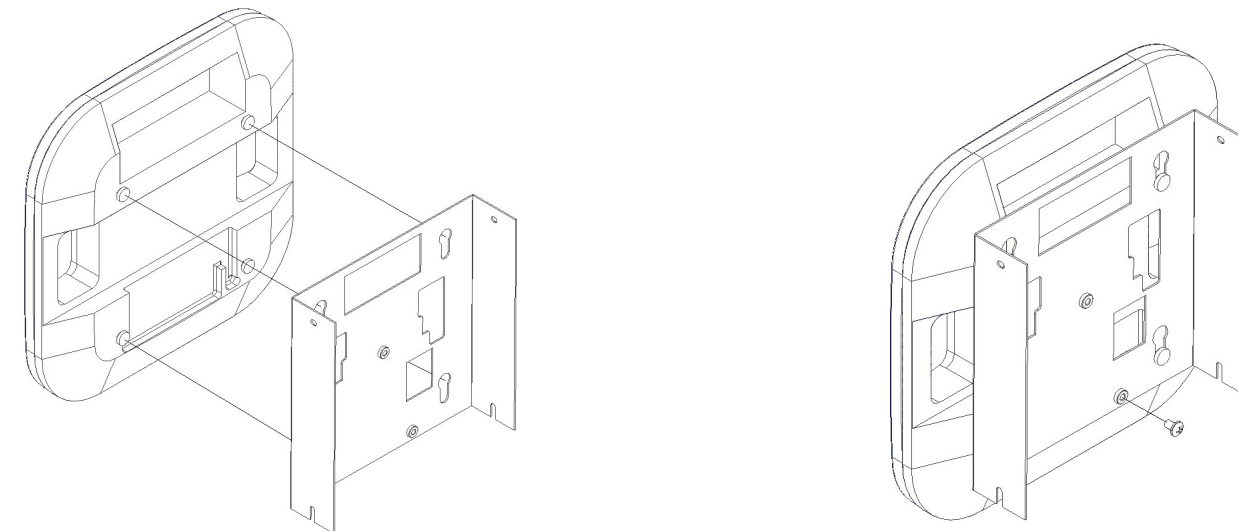


Figure 4 - Cisco 2600, 2700, 3600, 3700 Installation

(CISCO 2800, 3800) To install a Cisco access point, place the access point's mounting feet into the keyhole slots and slide the access point down and secure in place using the #8-32 screw. Install the screw into the nut located nearest the side flange (Ref. Figure 5).

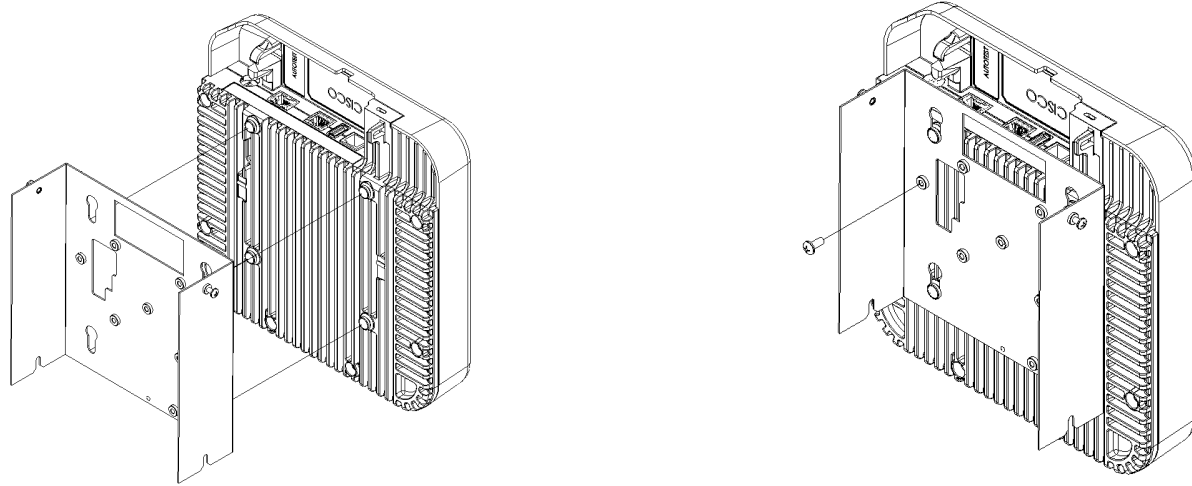


Figure 5 - Cisco 2800, 3800 Installation

Step 3 - (Aruba and Cisco) Connect equipment cord between AP and data receptacle jack or surface mount box (if used). Place the cover/AP assembly over the base, so that slots in the cover are just above the height of the screws in the base. Lower the cover to allow the slots in the cover to engage the screws in the base. Next tighten the screws in the captive nuts on the cover so that they will protrude into the small obround holes in the side of the base. To complete the assembly, finish tightening the screws at the slotted end of the cover. (Ref. figure 6).

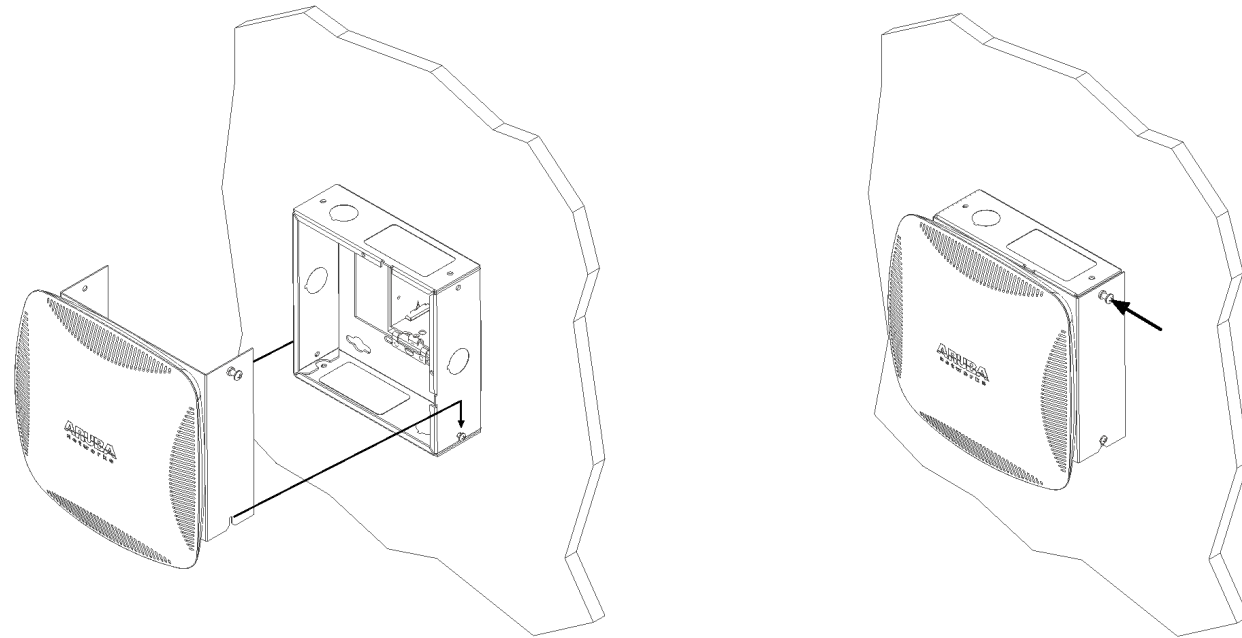


Figure 6

**⚠️\*\*IMPORTANT\*\*** - It is important that the mount is securely fastened to the wall to prevent human injury or damage to the access point.



## MODEL 900-00

### Installation Instructions

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

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

1. Always consider the hazard to other people:
  - a. During installation, use warning signs, etc.
  - b. Don't work with people directly below the work area as equipment could fall and cause an injury
2. Be sure to securely fasten the mount to the wall to prevent the mount from becoming dislodged.