



ATS-UMAP-1

Universal Mount Adapter Plate For
APS (Drill Your Own Holes)

Installation Guide

INSTALLATION GUIDE (ATS-UMAP-1)

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Overview

This is a quick installation guide on how to install the AccelTex Universal Mount Adaptor Plate for APs. The mount allows the user to attach a variety of Access Point (AP) mounting plates and create a custom structure per application. The guide shows how to modify and install the plate. Please read through the entire guide before beginning. This guide assumes a network drop and safety wire is present at the mounting location.

Installation Safety

This is a one-person installation. The mount modification requires a person to operate a drill with a cutting bit to make the mounting plate specific to its application. Be sure to use all Personal Protection Equipment (PPE) for safe practices.

Tools Required

- | | |
|---|---|
| (1) Handheld Drill or Drill Press Capable of 700-1000 RPM drill speed | (1) Carbon Tool Steel Cutting Bit (Size dependent on mounting hardware) |
| (1) Socket Wrench | (1) Table Clamp(s), C-clamps or Vise |
| (1) Socket (Sized for use case) | (1) Precision Straight Edge |
| (1) Angle Square or equivalent | (1) Marking Tool (Felt Pen, Marker, Transfer Punch, etc.) |

Parts Needed

- (1) ATS-UMAP-1
- (1) AP Mount (Not Provided)
- (1) AP (Not Provided)
- (1) Mounting Hardware for AP Mount (Not Provided)
- (4) M3 SS Hex Nut (Re-used from existing compatible AccelTex UNIV1 mounting plate)

Installation and Modification

Inspect Mounting Interface

The ATS-UMAP-1 is used in conjunction with many different AccelTex products. The mount should be inspected for damage to the structure, PEM screws, and associated edges.

Directions

1. Inspect that the mount and interface is not damaged and is able to be securely fastened.
2. Make sure appropriate mounting hardware is readily available.
3. Set up area for tooling. If using a drill press, make sure the workspace is clear of all debris and items that could cause injury or damage to the mount.



Figure 1 Example showing the set-up of an ATS-UMAP-1 for a Meraki MR72 backplate.

Modifying the Mount

The ATS-UMAP-1 will need to be modified to meet the mounting requirements. Holes should be appropriately marked and oriented such that the mount is square to the desired orientation.

Directions

1. Using the square and the straight edge, align the mount to the desired orientation.

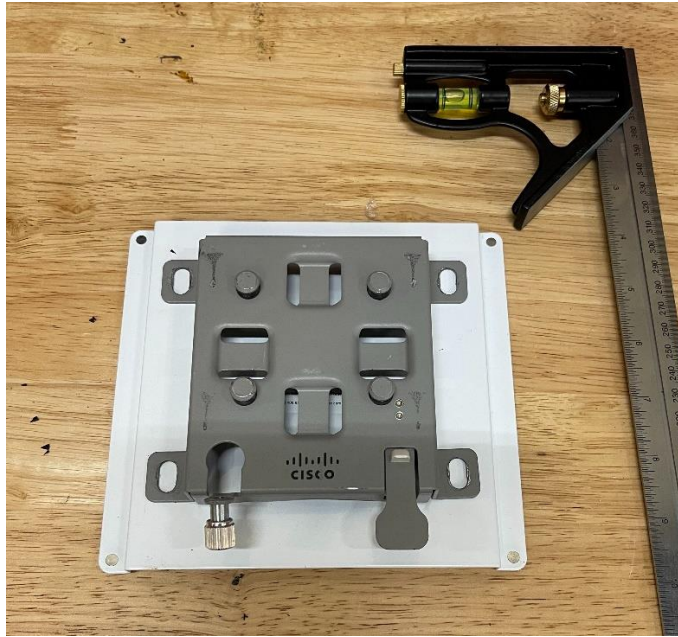


Figure 2 Combination square being used to align the backplate of the MR72 to the ATS-UMAP-1

2. Mark the hole pattern on the surface of the mount. The hole pattern can be measured and transposed to the surface, or the surface can be marked directed from the interfacing hole pattern. Use a marking tool to create the layout.

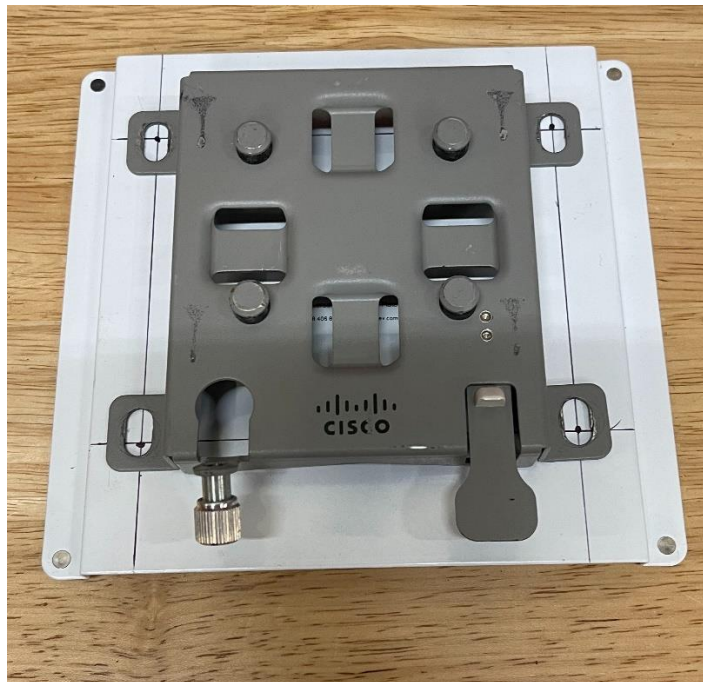


Figure 3 Hole pattern measured and marked on the ATS-UMAP-1

3. By use of hand drill or drill press, drill out the hole pattern. Make sure the drill bit is carbon tool steel and is appropriately sized for your clearance holes. Use a clamp to secure plate during drilling.



Figure 4 Hole pattern drilled with an appropriately selected bit made from carbon tool steel and oversized holes for bolt clearance.

Assemble Mount

The ATS-UMAP-1 Universal Mount needs to have the hole pattern cut before assembly.

Directions

1. Secure the AP Mounting plate to the ATS-UMAP-1 using appropriate hardware.

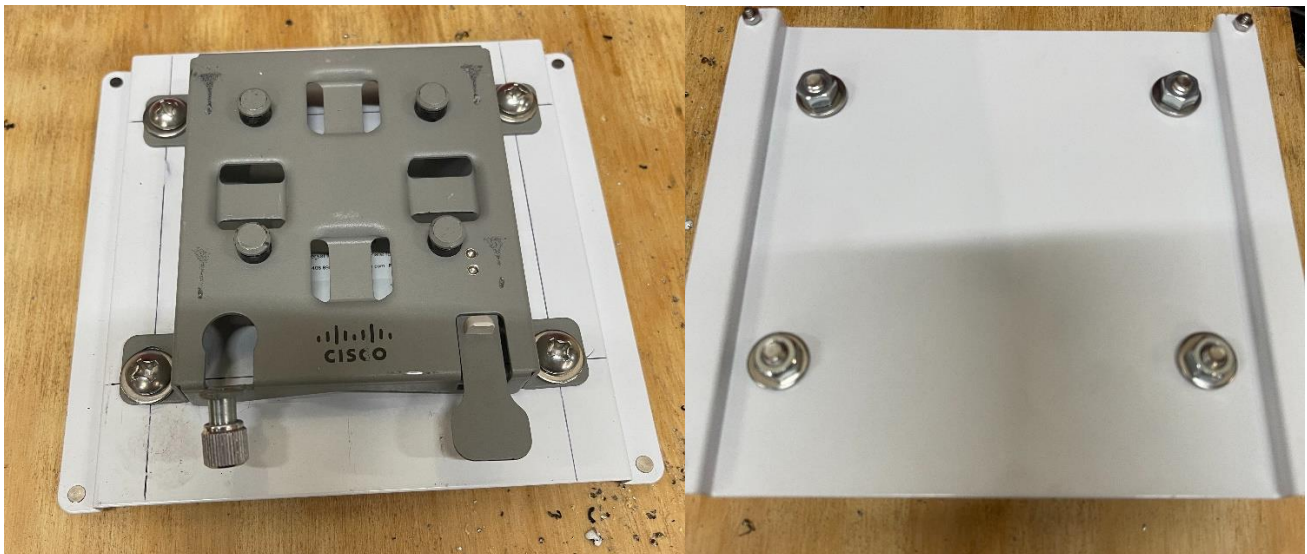


Figure 5&6 Hardware assembled to the ATS-UMAP-1

2. Secure the AP to AP Mounting plate. If manufacturer hardware is included for this attachment, attach as specified by manufacturer.

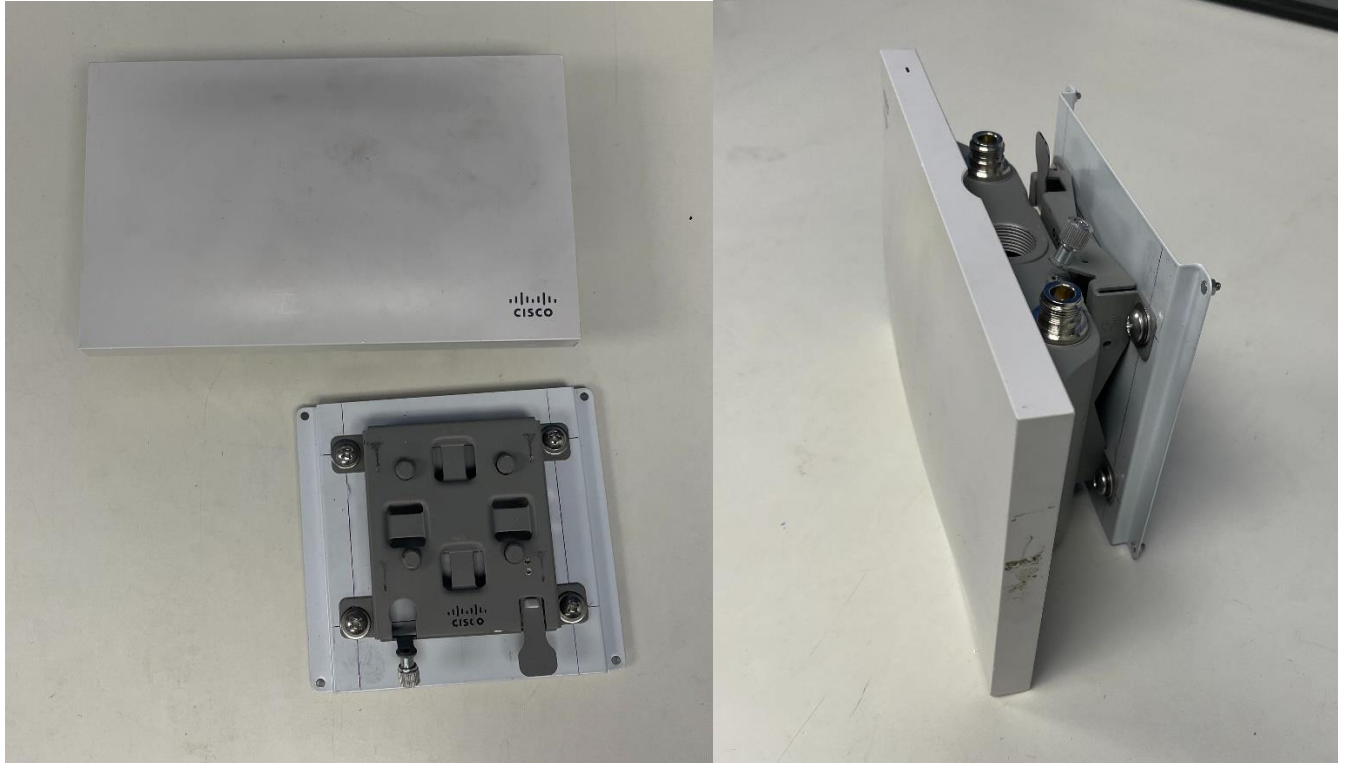


Figure 7 & 8 Attaching the AP to the mount assembly.

3. Secure the Assembly to the compatible AccelTex mounting interface using the M3 Hex Nuts and Socket Wrench. Torque to hand tight (Not to exceed 3 in-lbs).

[Additional Help and Support](#)

For additional help and support, please contact us:

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