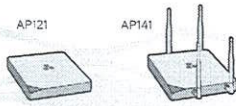
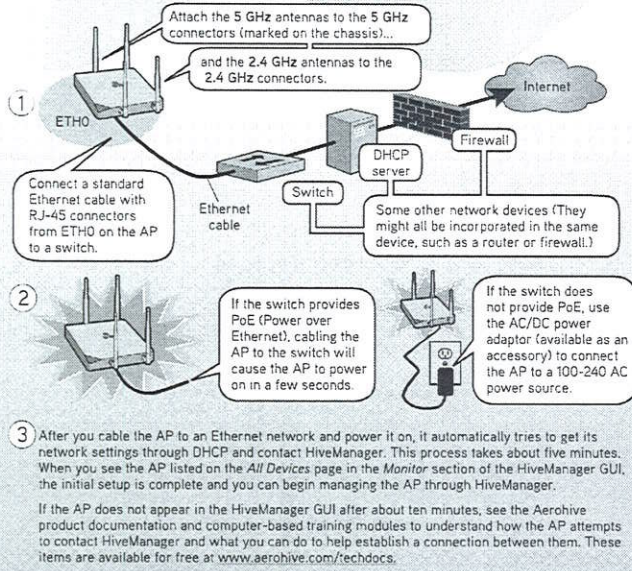


Aerohive QuickStart for the AP121 and AP141



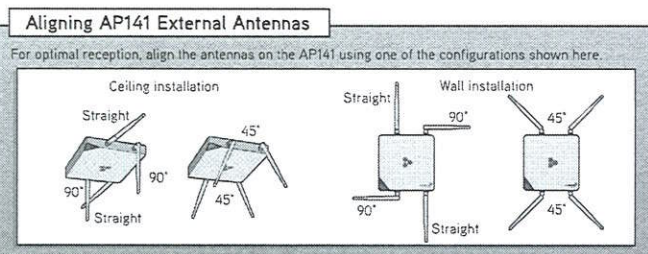
This guide explains how to set up an Aerohive AP121 or AP141 access point so it can make a network connection to HiveManager, and how to mount it on a ceiling or wall. (The AP141 with articulated antennas is shown in the following illustration, but the instructions apply equally to both models.) To register, get the latest product documentation, see compliance information, and download software updates, visit www.aerohive.com/support.



Status Indicator

The status indicator on the lower left-hand corner of the device shows the following activity states:

- Dark:** Power is off, or the indicator has been disabled.
- Amber (flashing):** The device is performing a firmware upgrade. Do not power off the device during this process.
- Amber (solid):** This indicates that the CAPWAP connection has not been successfully established, or the device is booting or shutting down.
- White:** The device is powered on and operating properly, and has made a successful CAPWAP connection through the ETH0 interface.



Mounting the AP121 and AP141

Using the rail mount bracket, you can mount the AP121 or AP141 to the tracks of a dropped ceiling grid. Using the mounting plate, you can mount it to any flat surface that can support its weight (AP121: 11.6 oz or 0.36 kg; AP141: 13.5 oz or 42 kg). Both mounting options are explained below. (The AP121 is shown in these illustrations, but the instructions apply to both models.)

Ceiling Mount

To mount the AP121 or AP141 to a standard 15/16"-wide track (2.38 cm) in a dropped ceiling, use one of the two rail mounting brackets that ship with the AP, depending on whether the track is flush with the ceiling tiles or recessed. You also need a drill and—most likely—a ladder.

Note: Aerohive also offers a mounting kit for 9/16"-wide tracks for AP121, AP141, AP330, and AP350 models (AH-ACC-9-16-CLIP-330-350).

Nudge the ceiling tiles slightly away from the track to clear some space, and then attach the appropriate rail mounting bracket to the ceiling track. When you have the mounting bracket in the correct location, cut or drill a hole in the ceiling through which you can then pass the Ethernet and power cables.

- Press the mounting bracket upward against the ceiling track so that the track contacts the two pressure tabs and pushes them flush with the bracket.
- Rotate the mounting bracket until the two pressure tabs click into place, gripping the ceiling track.
- In the open space not covered by the L-shaped mounting bracket, drill a hole in the ceiling tile (not shown). Then pass one or both Ethernet cables through the hole, and if you plan to supply power from an AC power source, pass the power cable through as well. Finally, connect the cables to the AP.

With the cables connected, attach the AP to the mounting bracket as shown below to complete the installation. For the AP141, attach the articulated antennas and, for optimal reception, align them according to the configurations shown in *Aligning AP141 Articulated Antennas*.

- With the AP upside down, connect the cables (not shown). Align the two V-shaped tabs and the security tab extension on the mounting bracket with the tab slots and security tab slot on the AP, and then press the AP upward until it snaps into place.

When you are done, adjust the ceiling tiles back into their former position.

Surface Mount

You can use the mounting plate to attach the AP to any surface that supports its weight (less than 1 lb or .45 kg for either device), and to which you can screw or nail the plate. First, attach the plate to the surface. Then, in the space not covered by the L-shaped mounting plate, drill a hole in the wall so that you can pass the cables through to the AP. Finally, connect the cables to the device, attach the device to the plate, and—for the AP141—attach the articulated antennas.

Mount the AP on a wall as explained below.

- With the two flexible V-shaped tabs at the sides of the plate extending away from the surface, attach the mounting plate to a secure object such as a wall, ceiling, post, or beam.

Note: There are various holes through which you can screw or nail the plate in place. Choose the two or three that best suit the object to which you are attaching it.
- Cut or drill a hole in the wall in the space not covered by the L-shaped mounting plate, pass the cables through to the AP, and connect them. (You can also run the cables along the wall to the AP instead of through a hole.)
- Align the tabs and security tab extension on the mounting plate with the tab slots and security tab slot on the AP.
- Push the AP against the mounting plate until the tabs click inside the tab slots. For the AP141, attach the articulated antennas and orient them as described in *Aligning AP141 External Antennas*.

Depending on how the AP is powered and how it connects to the network, connect a power cable and one or two Ethernet cables. (The cables are not shown in the illustration.)

Locking the Device

You can secure the device using a Kensington lock. You also lock the AP to the mounting bracket or mounting plate using the security screw or slotted screw included with the mounting kit. To use a Kensington lock, loop the cable attached to the lock around a secure object, insert the T-bar component of the lock into the device lock slot on the AP, and then turn the key to engage the lock mechanism.

To lock the AP to the mounting plate or bracket with the security screw, you will need a drilled spanner insert bit for size #6 security screws and a screwdriver that will accept the bit. The correct bits are available from Aerohive in sets of three for AP121, AP141, AP330 and AP350 models (AH-ACC-SEC-BIT-330-350-3PK). To use the security screw, refer to the illustration below. To use the slotted screw, you will need a flat-blade screwdriver.

Insert the security screw through the hole in the chassis. Use a screwdriver with a drilled spanner bit to fasten the screw to the security tab extension on the mounting plate or rail mounting bracket.

Turn clockwise to tighten