

Outdoor Antenna Installation Instructions

How do you install an external antenna connecting to an Avi-on controller? Follow these steps

Step 1) Choose a location on the fixture for the antenna using the following criteria

- **Internal fixture and antenna placement considerations**
 - Inside the fixture, locate the Avi-on controller at least 3- to 4-inches from the LED driver
 - Verify that the Avi-on device will be mounted internally where it will not interfere with internal obstacles when the lid is closed
 - That the antenna cable is long enough to easily bridge the distance between Avi-on controller and the installed antenna
 - That the antenna cable will be “free floating,” and it will not be bent, smashed, or cut in any way
 - Be sure to mount the antenna facing DOWN, so that the fixture housing does not block radio signals from the ground (facing up can make it difficult to program the devices)
- **External fixture and antenna placement considerations.** Verify that the dimensions of the antenna and fixture case are compatible:
 - That the metal case material is thinner than the threads on the antenna
 - That the antenna inside the enclosure will not hit anything when the lid is closed



Step 2) Position the metal of the fixture between the rubber seal and the lock washer



Step 3) Drill a 1/4" hole and install the antenna

