

# AP1 Installation Instructions

**1** Install antenna as shown. Securely tighten screw. Slide antenna insulator grommet down to engage with hole on top of case.

**NOTE:** If an antenna other than that supplied is used, it must have a antenna gain of 6 dBi or less in order to comply with the RF exposure warning. Refer to the antenna manufacturer specifications for details.

**WARNING:** DO NOT APPLY POWER TO UNIT UNTIL ANTENNA IS INSTALLED! DAMAGE WILL OCCUR!

**2** Apply 12VDC to screw terminals labeled “-“and “+”.

*Power supply must be able to handle a 3 AMP load.*

**3** Wait 1 minute after power-up, then observe the Coverage LED. The LED will blink a number of times to indicate the network signal strength, as follows:

| # BLINK | COVERAGE | # BLINK | COVERAGE |
|---------|----------|---------|----------|
| 9       | 95%      | 4       | 70%      |
| 8       | 90%      | 3       | 65%      |
| 7       | 85%      | 2       | 60%      |
| 6       | 80%      | 1       | 55%      |
| 5       | 75%      | 0       | 50%      |

CONSTANT RAPID BLINKING = NETWORK HAS ISSUED A SHUTDOWN COMMAND – CONTACT PROVIDER.

Permanently mount the unit in a fixed, indoor location which provides at least 65% coverage. Always mount the unit at least 2 feet away from large metal objects and human beings.

**4** Press the manual test button to send test signal to the Network. The coverage LED will blink rapidly for 3 seconds while the test signal is being sent. Confirm reception of signal with provider.

**5** Trigger input channels. All input channels have an integration delay of 1 second. Default trigger method is voltage (5 to 15VDC). To change channels 1 to 4 trigger method to “Electronic Pull-to-Ground”, cut resistors R1 to R4, respectively. The coverage LED will blink rapidly for 3 seconds while the channel trigger signal is being sent. Confirm reception of signal with provider.

**! WARNING:** To ensure user's safety and to satisfy FCC RF exposure requirements, this unit must be installed, so that a minimum separation distance of 34 cm is always maintained between the antenna of the transmitting device and nearby persons. Operation at closer than this distance is not recommended.

