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.