



# **IC Sentinel Data Modem Guide**

**Version 1.0**

PN: 2433

## What's Included:

- Data Modem (1 each)
- Data Modem Power Cable (1 each)
- Data Modem Antenna (1 each)
- Data Modem Bracket (2 each)
- 4 ft. Ethernet Cable (2 each)
- POE Injector with AC Cable (1 each)



## Additional Notes

- The two 4ft. Ethernet cables and *Data Modem Power Cable* are banded together to keep the cables organized.
- You will need a screwdriver to properly install the *Data Modem*

## Installation Instructions

**Step 1-** Screw the *Data Modem Antenna* into the *Data Modem Cell* plug. The plug is located on the upper right side of the *Data Modem*.



**Step 2-** Insert the two *Data Modem Brackets* into the *Data Modem*.  
**NOTE:** Do not insert the right bracket in completely as this will make it harder to attach to the *IC Sentinel*.



**Step 3-** Unscrew the four screws on the left side of the *IC Sentinel*. These screws will be used to attach the *Data Modem* to the *IC Sentinel*.

**Step 4-** Using the screws from Step 3, screw in the right bracket first. This will allow you to push the *Data Modem* completely into place once the bracket is attached to the *IC Sentinel*.

**Step 5-** Screw in the left bracket now. **NOTE:** If the bracket does not align with the screw holes, ensure that the *Data Modem Brackets* are inserted completely into the *Data Modem*.





**Step 6-** Plug the blue Ethernet cable into the *Data Modem* Ethernet port. Plug the green Ethernet cable into the *IC Sentinel* Ethernet port. Plug the *Data Modem Power Cable* into the *Data Modem* and ensure to screw the plug so it will not become loose.

**Step 7-** Plug the blue Ethernet cable into the LAN port of the *POE Injector*. Plug the green Ethernet cable into the LAN + DC port of the *POE Injector*.

**Step 8-** Plug both the *Data Modem Power Cable* and *POE Injector* into a wall outlet.

**NOTE:** When plugged in, the *Data Modem* will have the Power and Status lights immediately turn on. Then after about 15 seconds the LS light should power on. This means that the *Data Modem* is looking for a connection. Finding a connection can take up to two minutes when being turn on. Once it finds a connection, the LS light will turn off and the CD light will turn on indicating it found a connection. The connection strength is indicated by the power on the signal lights. If the *Data Modem* is having trouble finding a connection, try adjusting the angle of the *Data Modem Antenna* or moving the location of the *IC Sentinel*.

