

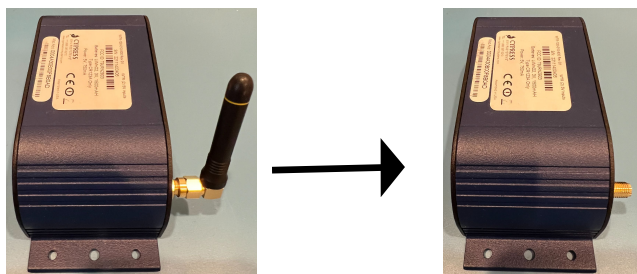


Installing the WTR inside the Outdoor Enclosure

To install the Wireless Transducer Reader inside the metal outdoor enclosure, please follow the steps below.

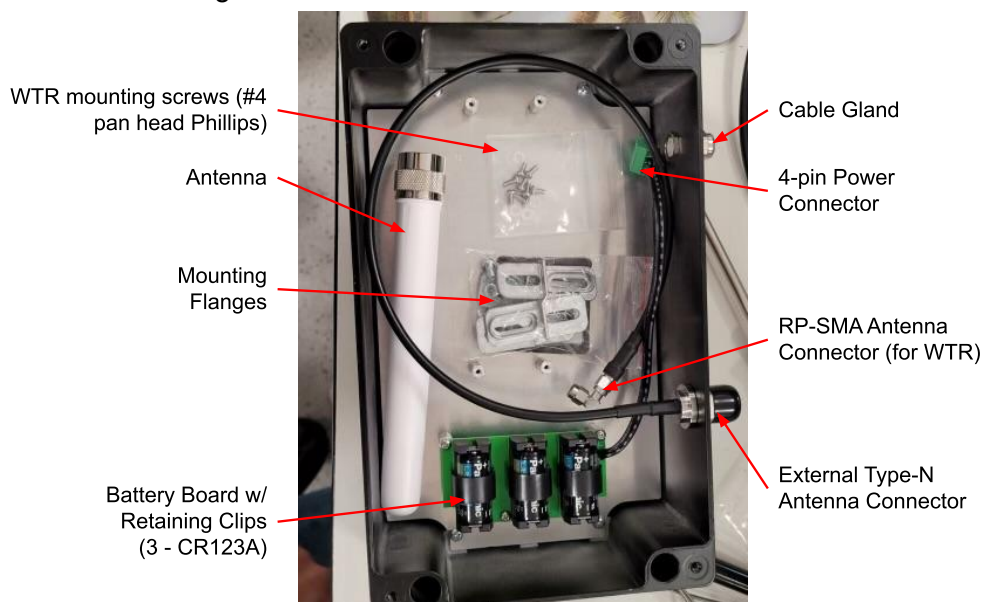
1. Prepare the WTR

- a. Carefully unscrew the existing antenna from the WTR.



- b. Remove the 4-pin power connector from the front.
 - i. This connector has a small jumper wire between "Batt In" and "Batt Out".
 - ii. You will not need this connector for the enclosure.
- c. Remove the 8-pin connector with the thermocouple cable from the front.
- d. Remove the thermocouple wires by using a small flat screwdriver to unscrew the terminal.
 - i. Note the yellow wire is on Ch1+ and the red wire is on Ch1-

2. Unscrew the cover of the outdoor enclosure and remove the loose contents. Identify the components in the image below.



3. Install the WTR into the enclosure.
 - a. Use a Phillips screwdriver to screw 4 WTR mounting screws through the WTR into the standoffs. As shown in the picture below, the front of the WTR should be closest to the side with the cable gland.



4. Connect the WTR
 - a. Attach the RP-SMA antenna connector to the WTR (where the antenna was removed).
 - i. NOTE - Be careful when aligning the RP-SMA connector. Make sure the pin doesn't get damaged when connecting.
 - ii. Be careful when bending the RF cable.
 - b. Feed the thermocouple wire through the cable gland.
 - c. Reconnect the thermocouple wires to the 8-pin connector.
 - i. The yellow wire goes to Ch1+ and the red wire goes to Ch1-.
 - ii. Use a small flat screwdriver to tighten the connection.
 - d. Plug the 8-pin connector into the WTR.
 - e. Plug the 4-pin power connector (attached to the Battery Board) into the WTR.

5. Tighten the cable gland around the thermocouple wire
6. Carefully screw in the external antenna
7. Close and screw in the lid
8. Attach the mounting flanges

The enclosure is now ready to be installed. NOTE - the antenna and cable glands should be at the bottom when it is installed.