



Trough D Tech Quick Start Guide

Thank you for your purchase! We are delighted to welcome you to our community and grateful for the opportunity to offer you exceptional products and service. This Quick Start Guide is designed to assist you in getting started. For more information, please see the Trough D Tech User Manual at www.sensortechllc.com/DTech/TroughDTech.

Overview

The Trough D Tech monitor detects the level of water in a stock tank or trough using a submersible hydrostatic sensor. The Trough D Tech is mounted on a post near the water source, and the sensor is lowered into the bottom of the trough. Complete the following steps to install the Trough D Tech.

Provision the Trough D Tech



1. Scan the provided QR code or navigate to <https://dtech.sensortechllc.com/provision>.
2. Follow the instructions on the screen to start the provisioning timer.
3. Use a #1 Phillips screwdriver to remove the clear case top.
4. Connect the provided battery, ensuring it is positioned near the center at the top, with the red and green LEDs clearly visible.
5. Reinstall the clear case top, tightening it securely with the screwdriver to ensure a watertight seal. Avoid over-tightening to prevent cracking.
6. Test cellular transmission by quickly coining the monitor (rubbing a metal object against the two small screws on the top left side of the case) until red AND green LED lights begin flashing. If the transmission is successful, you will be notified via text or email within 2 minutes. If you do not receive a notification after 2 minutes, move the monitor to a higher area with greater cellular strength and repeat Step 6.

Install the Trough D Tech

We recommend placing the post and monitor opposite of where livestock access water, when possible.

Depending on your location, the Trough D Tech can be installed onto either a T-post or a wooden post.

1. To attach the case to a T-post, use the provided #8 screw to secure the case to the T-post bracket. Place the bracket onto the T-post, ensuring the cable easily reaches the trough and the sensor reaches the bottom of the tank.
2. To attach the case to a wooden post, use the two provided #6 wood screws to secure the case onto the wooden post, ensuring the cable easily reaches the trough and the sensor reaches the bottom of the tank.

Test the Trough D Tech

Test cellular transmission by quickly coining the monitor (rubbing a metal object against the two small screws on the top left side of the case). If the transmission is successful, you will be notified via text or email within 2 minutes. If you do not receive a notification after 2 minutes, move the monitor to a higher area with greater cellular strength and try again.

Congratulations! Your device has been successfully installed.

Light Indicator Patterns and Meanings

Pattern	Meaning
Alternating red and green flashes	The unit registered a change in state or presence of water and initiated a notification.
10 rapid green flashes	The unit successfully sent a notification.
Some rapid green flashes followed by several rapid red flashes	The unit tried to send a notification but was unable to establish a reliable signal.