Fence 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 Fence D Tech User Manual at www.sensortechllc.com/DTech/FenceDTech.

Overview

The Fence D Tech uses an antenna to capture pulses emanating from your electric fence and notifies you when issues are detected. Complete the following steps to install the Fence D Tech.

Account and Notifications Setup

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 bottom 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 Fence D Tech

Place the Fence D Tech monitor on the opposite end of the electrified fence's power source, and a few feet away from any other significant source of electricity. To determine how far you can install the unit from the fence, check the maximum distance at which the amber light inside the unit still blinks. **The antenna's orientation relative to the fence affects its ability to detect pulses. For optimal stability, position the antenna parallel to the fence. As the antenna's angle moves further from parallel, the quality of the grounding becomes increasingly critical.** If the voltage is below 2000V, inspect the power sources and replace them if needed, as lower voltage may reduce the monitor's ability to detect the line effectively.

Depending on your location, the Fence 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 antenna is within your operational distance.
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 antenna is within your operational distance.
3. Attach the crocodile terminal wire to the ground post on the side of the case, and then connect the crocodile clip to either the green grounding screw on the bracket (T-Post install only), a T-Post, or to a separate grounding rod. **Note:** The Fence D Tech must be properly grounded to function effectively, and its sensing range will improve with a higher-quality ground connection.

Test the Fence D Tech

1. Position the antenna near the electric fence line until the unit's amber light begins blinking.
2. 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 repeat Steps 1-2.

Congratulations! Your device has been successfully installed.

Light Indicator Patterns and Meanings

Pattern	Meaning
Blinking amber light (approx. 1 second)	The monitor is detecting pulses from the fence.
Alternating red and green flashes	The monitor is registering a change in state and will send a notification if it does not sense the fence come back within 15 - 30 seconds.
10 rapid green flashes	The monitor successfully sent a notification.
Some rapid green flashes followed by several rapid red flashes	The monitor tried to send a notification but was unable to establish a reliable signal.

Troubleshooting

Issue	Solution
The amber light is not blinking when I get close to the fence.	1. The monitor uses the antenna to detect the electric pulse, and the better the ground connection, the greater its sensitivity. Try moving the antenna closer or improving your ground connection. 2. The fence charger may not be producing enough charge to sufficiently power the fence. All connections should be checked, solar panels cleaned, and batteries replaced as needed. 3. The line may be shorted. The line should be checked for tall grass, breaks, and other possible sources of shorts
Whenever the state changes, I see multiple red blinks after several seconds of alternating red and green.	The monitor is unable to establish a cellular connection. Move the box further up to improve its reception. If the problem continues, you may need to move the monitor to a location with more reliable cellular connection.
My fence broke, but the amber light is still blinking.	The unit is still picking up a significant electrical field. Verify the location of the break. Is it between the fence's power source and the unit? Is the unit near another electric fence or a significant source of electricity? Either situation could lead to the observed activity.