

## \*NEW\* Leak Detection MDT



The Leak Detection MDT helps property owners monitor for water leaks near hot water tanks, under sinks, boiler/basement room floors, or anywhere that water could flood or damage the property. When water is detected, a message is immediately sent to the DCAP allowing an alert via email for quick action to mitigate the damage.

The Leak Detection MDT is based on our Submersible MDT and comes with a two-foot long water sensing cable which you place on the ground where water might pool. Longer cable lengths are available. Since the MDT is fully sealed, it too can be placed on the ground. The fully sealed MDT has a typical battery life of over 10 years.

A temperature sensor is also included which monitors the ambient temperature, for example to detect freezing conditions. The DCAP configuration can then allow for temperature-based alerts to be sent.

The Leak Detection MDT comes in two variations, a Standard Range version that can drop into any existing Tehama Network, and our new Max Range version. Using a magnet, you can query the state of the MDT and force a transmission. See Operation on next page for details.

## Specifications

Inputs Options	Light-duty leak detection sensing cable, temperature sensor <ul style="list-style-type: none"> <li>• Optional Pulse input</li> <li>• Optional Encoded input</li> </ul>
Data Resolution	1-hour interval, Immediate transmission if water is detected
Radio	902 – 928 MHz; FCC and IC Certified; Open field range nearly 2 miles (Standard Range Models) * Open field range nearly 10 miles (Max Range Models) *
LED	Indicates RF network connection status and on/off state
Operating Environment	-20° to 145° F
Power	Sealed primary lithium battery
Typical Battery Life	10+ years @ 50° to 90° F, reduced at extreme temperatures
Dimensions	6.2" x 2.4" x 1.5"

\*Actual range may vary depending on installation location and topography. Continual product enhancements may cause specifications to change without notice.

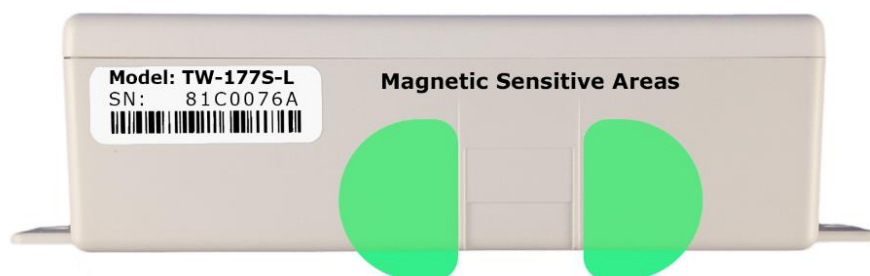
## Models

For use in <b>Standard Range</b> systems **		
Leak Detection MDT (Std. Range)	TW-167S-L	Leak Detector cable, one-hour interval data. Compatible with standard networks
Leak Detection MDT + Pulse (Std. Range)	TW-167S-LP	Leak Detector cable + Single pulse input, one-hour interval data. Compatible with standard networks
Leak Detection MDT + Encoder (Std.)	TW-167S-LE	Leak Detector cable + Single Encoder input, one-hour interval data. Compatible with standard networks
For use in <b>Max Range</b> systems **		
Leak Detection MDT, (Max Range)	TW-177S-L	Leak Detector cable, one-hour interval data. For use in Max Range networks
Leak Detection MDT + Pulse (Max Range)	TW-177S-LP	Leak Detector cable + Single pulse input, one-hour interval data. For use in Max Range networks
Leak Detection MDT + Encoder (Max)	TW-177S-LE	Leak Detector cable + Single Encoder input, one-hour interval data. For use in Max Range networks

\*\* Standard and Max Range systems are NOT compatible: only Max Range MDTs can be used with a Max Range Repeater (and Max Range DCAP) and vice versa. Refer to [AN-119](#) in the documents section of our website for more information.

## Operation

The Leak Detection MDT operates like our regular Submersible MDT. A button press is created by waving a magnet near the areas shown. Status and control are the same as our regular MDTs, including a “press” to initiate a read and transmit it to the DCAP. The LED on the top provides the same feedback as our regular LEDs.



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