

# S-SERIES WATER ROPE LEAK DETECTOR



The Water Rope Leak Detector is a compact spot leakage detection sensor for detecting presence of water (or other liquids) that communicates via the SoniLink Hub.

This power efficient leak detector allows for up to 5-10 years of operation on its included battery. Users can manage all sensor data remotely, and receive alarms via the SoniCloud app.

## Features

- Sensors seamlessly transmit to SoniLink Hubs, creating a comprehensive monitoring network - connect hundreds of sensors to a single hub
- Our LoRaWAN®-based technology, SoniLink, ensures secure and reliable wireless connectivity. Experience real-time monitoring with extended range and efficiency
- Compact in size and entirely wireless, installation is a breeze
- IP67-rated waterproof enclosure for harsh environment applications
- Equipped with NFC for easy deployment and configuration through the SoniCloud app
- Instantly compatible with cloud-based SoniCloud monitoring hosted on AWS
- Flexible alerting options via phone call, text, email and push notification
- Onboard temperature and humidity sensors, ideal solution for pipe leakage monitoring, basement flooding, and pump failure, among others
- 5 years standard | Up to 10 years configurable\*

*\*Battery life estimates are based on standard environmental conditions and transmission intervals. Actual performance may vary based on configuration, signal environment, and reporting frequency. 5-year battery life at standard transmission and 10-year battery life at extended transmission.*

## Specifications

### Wireless Transmission

Technology LoRaWAN®-based SoniLink

Transmission Power 22dBm

Sensitivity -137dBm @300bps

### Measurement

#### Leakage Detection

Liquid Type Conducting liquid

Trigger Condition When liquid level reaches 5mm

Cable Length 1.5m (Customizable)

Resolution 0.1°C

#### Temperature

Range -30°C to +70°C

Accuracy 0°C to +70°C (+/- 0.3°C), -30°C to 0°C (+/- 0.6°C)

Resolution 0.1°C

#### Humidity

Range 0% to 100% RH

Accuracy 10% to 90% RH (+/- 3%), below 10% and above 90% RH (+/- 5%)

Resolution 0.5% RH

### Operation

Power On & Off NFC, Power Button (Internal)

Configuration NFC Configuration via Mobile App

### Physical Characteristics

Power Supply 1 × 4000 mAh ER18505 Li-SOCL2 Battery (extendable to 2 batteries)

Battery Life 5 years standard | Up to 10 years configurable\*

Operating Temperature -30°C to +70°C

Relative Humidity 0% to 100% (non-condensing)

Ingress Protection IP67

Dimension 105.6 × 85.3 × 27 mm (4.16 × 3.36 × 1.06 in)

Installation Wall Mounting

### Approvals

Regulatory CE, FCC

Environmental RoHS

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