



INDUSTRIAL WATER LEAK ROPE SENSOR

LORAWAN WATER LEAK DETECTION

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KEY FEATURES

- ◆ **Immediate Leak Detection** – Quickly identifies water leaks, minimizing damage and costly repairs.
- ◆ **Long-Range LoRaWAN Communication** – Provides reliable connectivity throughout residential and commercial properties.
- ◆ **Easy Wireless Installation** – No wiring required; simple placement in leak-prone areas.
- ◆ **Long Battery Life** – Optimized for years of trouble-free operation without frequent battery replacements.

DEVICE OVERVIEW

Protect entire perimeters and large surface areas with our industrial-grade rope sensor. The conductive rope detects the presence of water along its entire length, making it perfect for lining the walls of a basement, encircling critical machinery, or monitoring data center sub-floors. Get immediate alerts and track leak duration for a comprehensive view of the event.

Best For: Perimeter and large area protection.

TECHNICAL FEATURES

- **LoRaWAN Version:** v1.0.3, Class A
- **Supply Voltage:** Built-in Battery, 2.5v ~ 3.6v
- **Power Options:** 8500mAh Li-SOCl₂ or Solar Powered 3500mAh option
- **Self-Discharge:** <1% / Year @ 25°C for 8500mAh Li-SOCl₂ battery
- **Operating Temperature:** -40 ~ 85°C
- **Downlink Configuration:** Remotely configurable via ioX-Connect platform
- **Cable Dimensions:** 1meter, 5meter & 10meter options. Cable diameter: 6.0mm Conductor diameter: 1.0mm
- **Firmware Updates:** Wireless OTA (Over-The-Air) firmware upgrade capability
- **Supported Frequency Bands:** CN470, EU433, KR920, US915, EU868, AS923, AU915, IN865, RU864

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