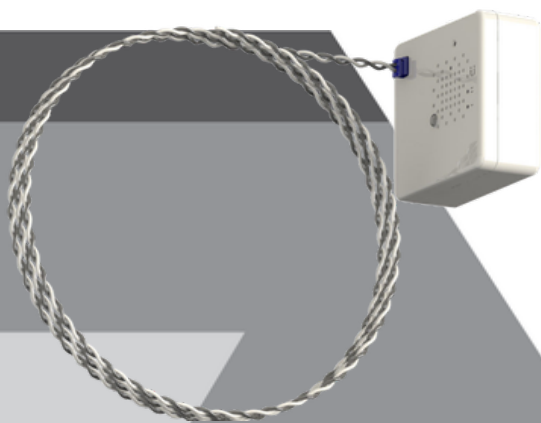




packet**SENSE** Leak

The **packetSENSE Leak** is a LoRaWAN®-enabled solution designed to detect water leaks early and help minimize the risk of costly water damage or flooding. When a leak is detected, the device sends alerts through the LoRaWAN® network, enabling users to respond quickly and take appropriate action.

Data and notifications can be viewed through a centralized dashboard or received via email, providing ongoing visibility into monitored areas. Designed to help protect critical infrastructure, equipment, and assets, the packetSENSE Leak Detection supports faster response, reduced operational disruption, and more proactive facility maintenance.

Features

- **User-configurable** parameters and thresholds
- **Low-power** design with extended battery life
- **Flexible mounting**: wall, ceiling, or tabletop
- **Compact and easy** to deploy
- **Multi-sensor** functions:
 - Leak detection
 - Pulse reading (water/gas)
 - G-force and motion detection
 - Light, temperature, and humidity sensing
 - Magnetic and external contact switch

Applications

- **Water leak and moisture** monitoring
- **Utility** metering (water, gas, energy)
- Smart **building and facility** automation
- **Security** and intrusion detection
- **Environmental** and occupancy monitoring

Technical Specification

Data Communication Supported

Technology	LoRaWAN®
Frequency	EU868/AS923-3
Tx Power	14 dBm

Electrical

Power Source	Battery
Battery	CR2477
External Connector	Connector Type: JST A02ZR02ZR28H305B ≤ 20Hz (Pulse Reading) Driven by open drain/relay contact

General Specifications

Operating Temperature	0°C to 60°C (10°C to 40°C optimal)
Storage Temperature	-30°C to +60°C (0°C to 30°C optimal)
Operating Humidity	5% - 95% Non-Condensing (Operational)
Ingress Protection	IP30
Dimension	42 x 42 x 20 mm (enclosure) 42 x 42 x 21 mm (with bracket)
Operating Humidity	5% - 95% Non-Condensing (Operational)

LoRa Alliance Member

packetworx
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