instruVU®
Visibility and Compliance with Confidence.

# Wireless Water Leak Sensor

The InstruVU Wireless Water Leak Sensor is a high-sensitivity security device designed to detect the presence of liquid in critical infrastructure.

Available in both spot detection and leak-sensing rope configurations, it provides an early warning system to prevent costly water damage and equipment failure in high-stakes environments like data centers and medical storage.

# FEATURES

- Dual-Detection Options: Available as a spot sensor for localized areas (like under a specific pipe) or with a leak-sensing rope to cover large perimeters or sub-floor areas.
- Rapid Response Alerts: Engineered to trigger an immediate wireless uplink the moment liquid is detected, allowing for real-time intervention.
- Industrial Ruggedness: Housed in a weatherproof, IP66/IP67-rated enclosure (depending on the variant), making it resilient against dust and humidity in mechanical rooms.
- Exceptional Power Efficiency: Powered by a high-capacity 8500mAh Li-SOCl2 battery, supporting a service life of up to 10 years depending on reporting frequency.
- Smart Datalogging: Includes internal memory to log events locally, ensuring that even if the network is temporarily unavailable, the "leak detected" event is recorded with a timestamp.
- Flexible Deployment: Features Bluetooth v5.1 for easy mobile configuration and supports over-the-air (OTA) updates for long-term maintenance.

# SPECIFICATIONS

| Features: | |
|---|---|
| Detection Method: | Conductivity (Spot or Rope) |
| Leak Rope Length: | 5 meters (Standard); Extendable |
| Power Supply: | 8500mAh Li-SOCl2 battery (Replaceable) |
| Battery Life: | >10 years (based on 1 uplink per day) |
| Operating Temperature: | -40°C to +85°C |
| Ingress Protection: | IP66 (Standard) / IP67 (Optional) |
| Configuration Interface: | Bluetooth, NFC, or PC via TTL |
| Alarm Threshold: | Immediate upon liquid contact |
| Dimensions: | 115 mm x 90 mm x 40 mm |

# APPLICATIONS

## Water Heater

## Data Center

## Medical Storage