Innovative Leak Detection sensor

MerryIoT Leak Detection

A MerryIoT Hub is required to get the sensors connected (Sold separately)

Best-in-class integrated 4-in-1 leak detector

Drip/Leak/Flood, Temperature, Humidity, Vibration/Tamper

Signal coverage test button

Years of battery life time

Built-in alarm buzzer with min 80 dB

Device movement/ tilt/vibration/tamper notification

Thousands ft. long range coverage between the hub and the sensor

Press-and-play installation and no tools needed

Easy to manage with MerryIoT app for both iOS and Android

Description

Don't ever worry about leaks or floods in your basement, under your sinks, from your water heater, or anywhere else in the house.

The MerryIoT Water Leak Sensor will in real-time alert you the moment it comes in contact with leaking water.

You can also get readings of high and low humidity and temperature through the sensor.

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MERRYIOT

Radio / Wireless

Frequency: EU 868 MHz; US 902~928 MHz
Antenna Gain: -2dBi Peak
RF Sensitivity: -135dBm
Protocol: LoRaWAN1.0.3

Power Supply

Battery Type: 1.5 V AA Alkaline x 2 pcs, 5400 mAh
(75Ω Cont. discharge)
Expected Battery Lifetime: Up to 5 years
(Note: Service life varies to the operating conditions.)
Average Current: 135mA max / 100uA min

Operating Conditions

Temperature: 0 to 50°C
Outdoor & Indoor use (IP67 equivalent)

Sensors

Water Sensing Probes
Temperature Sensor
- Measurement range: -40°C -125°C
- Accuracy: ±(1°C)

Humidity Sensor
- Measurement range: 0 %RH - 100 %RH
- Accuracy: ±5 %

Three-Axis Linear Accelerometer
- 3 sensitivity levels: High/Mid/Low

Mechanical Specifications

Dimensions: 70 mm x 25 mm x 70 mm
Weight: 120 g

Regulatory Certification

Type Approval: CE/FCC/IC