

# MerryIoT Leak Detection

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.

#### 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:  $\pm(1^{\circ}\text{C})$

**Humidity Sensor**

- Measurement range: 0 %RH - 100 %RH
- Accuracy:  $\pm 5\%$

**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