

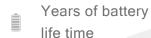
# MerryIoT Leak Detection





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

Signal coverage test button



Built-in alarm buzzer with min 80 dB

Device movement/ notification



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



Press-and-play installation and no tools needed



Easy to manage with MerryloT app for both iOS and Android



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 MerryloT 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

 $(75\Omega \text{ Cont. discharge})$ 

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