

# Water Leak Sensor



The Water Leakage Sensor utilizes LoRaWAN connectivity to send uplink notification when water leak is detected.

## FEATURES

- EU, US frequency support
- LoRaWAN 1.0.3
- Combined with temperature, humidity and water leak detection functions
- Detachable long cable for detection
- To avoid expensive repairs and loss of treasured items
- Combined with temperature, humidity and water leak detection sensors
- Micro USB port for detachable probe
- 0 to 50°C operation temperature range

## Specification

Frequency	868MHz & 915MHz
RF TX power	US:+19dBm EU:+17dBm
Antenna Gain	-2dBi Peak, -5dBi Avg
RF Sensitivity	-135dBm
Battery Type	3.6V ½ AA Li-SOCl <sub>2</sub> , 1200mAh
Battery Lifetime*	Up to 16 months
Average Current	135mA maximum/ 100uA minimum
Protocol	LoRaWAN 1.0.3
Operation Temperature	0 to 50°C
Environmental Rating	IP50 equivalent
Dimensions	50mm x 20mm x 50mm
Weight	30g without battery 40g with battery
Water Sensing probe	Micro-USB type connector
Humidity Accuracy	+/- 5%
Temperature Accuracy	+/-1°C
Type Approval	FCC/IC/CE

## SKU Detail

SKU	Country	Channels	Frequency Band (MHz)
TBWL100-868	Europe	8	EU868 (862~870)
TBWL100-915	USA	16	US915 (902~928)

\* Samples are also available for IN865, AS923, AU915, KR920.