



Connectivity

LoRaWAN 868 MHz, EU868, US915, AS923

RF sensitivity

-135.5 dBm

RF power

+14 dBm

Gain

2.61 dBi

Temperature range

-20 – +75°C

Humidity range

0 – 99%

Accuracy

± 0.2°C, ± 2%

Measurement interval

Every 5 – 1440 mins (configurable)

Battery

2 x 14500 3.6 V

Battery lifetime

5 years (depending on Measurement interval)

Size

76 x 75 x 27 mm

HUMIDITY & TEMPERATURE SENSOR

LWX 01 EXT

LWX-01-EXT is a perfect combination of LoRaWAN wireless technology and environmental monitoring like temperature and humidity. LoRaWAN allows LWX-01-EXT ultra-long-distance transmission, lower power consumption, and better safety mechanism for the purpose of better customer privacy and data protection. With 2 battery, LWX-01-EXT can last for longer than 5 years in order to achieve maximum flexibility, with significant reduction of maintenance frequency.

1

**LoRaWAN US915,
EU868, AS923 compatible**

**Ultra-Long-Range signal
transmission (up to 20 KM)**

2

3

5 years plus sustainability