



**Connectivity**

LoRaWAN 868 MHz, EU868, US915, AS923

**Temperature range**

- 20 – + 75°C

**Humidity range**

0 – 99%

**Accuracy**

$\pm 0.2^{\circ}\text{C}$ ,  $\pm 2\%$ ,  $1 \mu\text{g} / \text{m}^3$

PM2.5 Mass concentration,  
PM2.5 Number Concentration

**Measurement interval**

Every 5 – 1440 mins (configurable)

**Power**

USB 5V 1A

**Size**

75 x 75 x 27 mm

## HT & PM2.5 SENSOR

# LWX 07

LWX-07 is a perfect combination of LoRaWAN wireless technology, environmental monitoring like temperature and humidity, and air pollution detection (PM2.5 sensor equipped). LoRaWAN allows LWX-07 ultra-long-distance transmission (up to 20 KM), lower power consumption, and better safety mechanism for the purpose of better customer privacy and data protection. Powered through USB, LWX-07 can achieve maximum flexibility, with significant reduction of maintenance frequency.

**1** LoRaWAN US915,  
EU868, AS923 compatible

**2** Ultra-Long-Range  
signal transmission

**3** Air pollution detection