DEEPSENXE
AIoT SOLUTION PROVIDER

PM2.5 & CO_2 SENSOR
LWX 10

LWX-10 is a perfect combination of LoRaWAN wireless technology, environmental monitoring like temperature and humidity, carbon dioxide (CO_2) control, and air pollution detection (PM2.5 sensor equipped). LoRaWAN allows LWX-10 ultra-long-distance transmission, lower power consumption, and better safety mechanism for the purpose of better customer privacy and data protection. Powered through USB, LWX-10 can achieve maximum flexibility, with significant reduction of maintenance frequency.

LoRa Alliance®

Connectivity
LoRaWAN 868 MHz, EU868, US915, AS923

CO_2 range
400 − 10000 ppm

Temperature range
-20 − +75°C

Humidity range
0 − 99%

Accuracy
± 0.2°C, ± 2%, 30 ppm

Measurement interval
Every 5 − 60 mins (configurable)

Power
USB   5V 1A

Size
76 x 75 x 27 mm

Support TVOC IAQ Rating described by UBA

1
LoRaWAN US915, EU868, AS923 compatible

2
Carbon dioxide detection

3
Air pollution detection
(PM2.5 sensor equipped)