



TVOC Sensor (TPE-TVOC)

TVOC concentration sensor (Lora). This sensor can accurately measure the concentration of alcohol, toluene, formaldehyde, paint and other alkane and hydrocarbon organic volatiles in ppm level polluted air.

OVERVIEW

- Low power consumption
- Wireless communication (LoRaWAN) long distance communication, strong penetration
- Electric battery, convenient construction
- Accurate measurement of the concentration of organic volatiles in PPM polluted air

Product Code	TPE-TVOC
Physical Parameters	
Size	85*110*40mm
TVOC Measurement Parameters	
Measurement Principles	Electrochemistry
Measurement Range	0~200ppm
Resolution Power	0.5ppm
Measurement Precision	<± 4%
Measurement Stability	<± 2%
Measurement Sensitivity	55 ± 15nA (ppm)
Temperature compensation	Yes
LoRaWAN	
Working Mode	Single Channel, Class A
Mechanical and Chemical Parameters	
Sealing	IP65
Withstands Exposure to	Mineral Oil, Petroleum, Salt Mist, Vegetable Oil, 5% caustic soda
Temperature Range	
Storage Temperature	-25 ~ 60 °C
Operating temperature	-20 ~ 60 °C