

EM500-SWL LoRaWAN Level Sensor

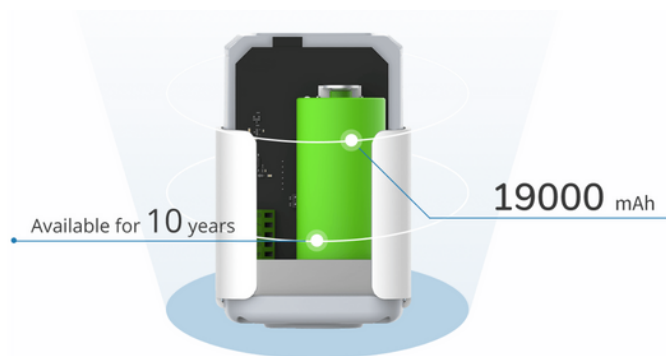


Features

- Customizable measuring range up to 200m
- Submersible pressure sensor not affected by foam, wind, or rain
- IP67 full sealed plastic waterproof design (Transceiver is not included)
- Measuring medium: water(customizable for oil and other non-corrosive media)



The LoRaWAN Level Sensor is designed to measure the tank level or open water applications while fully submerged in liquid. It is robust and sealed to prevent corrosion and failure.



LoRaWAN®	Frequency	CN470/RU864/IN865/EU868/US915/AU915/KR920/AS923
	Tx Power	20dBm
	Sensitivity	-137dBm @300bps
	Mode	OTAA/ABP Class A
Measurement (CO2)	Range	3m/5m/10m H2O (Customizable up to 200m)
	Accuracy	±0.5% FS
Physical Characteristics	Probe Length	At least should be 1-1.5m longer than measuring range
	Power Supply	19000 mAh Li-SOCl2
	Operating Temperature	Transceiver: -30°C to +70°C Pressure Sensor: -10°C to +60°C
	Ingress Protection	IP66 (IP67 as required)
	Dimension	105.4 × 71 × 69.5 mm (Probe and cable are not included)
	Mounting	DIN rail, wall