

IOT-S500WD-S

Mini Leak Detection Sensor



IOT-S500WD-S is a tiny and mighty leakage detection sensor for detecting presence of water leaks and transmitting an alarm using LoRaWAN technology. With this low power consumption technology, it can work up to 5 years with a 590mAh battery. So it can be easily used in smart offices, buildings, and houses. Users can receive real-time alarms via a built-in buzzer locally.

Outstanding Features

- Detect the presence of conductive liquids using a small water probe
- A replaceable built-in 590mAh battery with up to 5 years of life for wire-free power supply
- IP67 waterproof
- A buzzer for real-time alarming
- Equipped with NFC for easy configuration
- Compliant with standard LoRaWAN gateways and network servers

Specification

Model	IOT-S500WD-S	
Wireless Transmission	Technology	LoRaWAN
	Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
	Tx Power	16dBm(868 MHz)/20dBm(915 MHz)/19dBm(470 MHz)
	Sensitivity	-137dBm @300bps
	Mode	OTAA/ABP Class A
Leakage Detection	Liquid Type	Conductive Liquid
	Trigger Condition	Once Liquid Level Reaches 0.5mm
Physical Characteristics	Power Supply	1 × 590mAh CR2450 Lithium Battery
	Battery Life	5 years(One hour leakage per week,25°C/77°F)
	Operatiog Temperature	-10°C to 60°C(14°F to 140°F)
	Relative Humidity	0% to 100%(No condensing)
	Ingress Protection	IP67
	Dimension	63 × 63 × 14mm(2.48 * 2.48 * 0.55 ")
	Material & Color	ABS+PC, White
	Installation	3M Tape Mounting ,Destop
Others	Buzzer	Support