



Outdoor LoRaWAN Soil Moisture Sensor

The sensor is compatible with LoRaWAN and has an ultra-long range and ultra-long battery life. The sensor measures the air quality level of indoor environments.

The sensor is designed to measure the temperature of the soil and soil moisture and send the data from the LoRaWAN network. The suggested soil moisture sensor measuring range is 30-meter radius.



Application Examples:

- Garden
- Greenhouse
- Food Industry
- Farms
- Smart Farms

Specifications:

- 868/915 MHz LoRaWAN protocol
- Up to 15 km communications distance
- Up to 10 years of battery life
- Low power consumption; sleep current 1.5uA
- Customizable instant status notification
- Wall mountable Enclosure
- LoRaWAN Downlink Support



The sensor reports 4 parameters:

- Soil Moisture
- Soil Temperature
- Sensor Internal Temperature
- Battery level

All data can be visualizing easily on the cloud