

LoRaWAN/NB-IoT Soil Moisture&EC Sensor

OVERVIEW:

The Dragino SE01 series is a **Soil Moisture & EC Sensor** for IoT of Agriculture. It is designed to measure the **soil moisture of saline-alkali soil and loamy soil**. The soil sensor uses **FDR method** to calculate the soil moisture with the compensation from soil temperature and conductivity. It also has been calibrated in factory for Mineral soil type.

It detects **Soil Moisture, Soil Temperature and Soil Conductivity**, and uploads the value via wireless to **LoRaWan and NB-IoT IoT Server**.

It supports **BLE configure and wireless OTA update** which make user easy to use.

The Dragino SE01 is powered by **8500mAh Li-SOCI2 battery** or **solar panel with li-on battery**, it is designed for long-term use up to several years.



Applications:

Smart Agriculture

