

# Soil Sensor Datasheet

Addition to  
Smart Sense AirQ™  
Measuring Unit

Developed by  
**MOBILISIS**®

**AIRQ** ENVIRONMENTAL  
MONITORING  
STATION

 **smartsense**  
Connect With Your Environment.



# Highlights

**Agro-meteorological device measuring temperature and humidity of soil**

**Measurements taken above and under the ground level in 3 different customizable depths & heights**

**NB-IoT communication to the Cloud**

**Integrated battery with smart power management system enabling long service life**

**Autonomous & reliable measurement under all weather conditions**

# Technical Specifications

Detection Method	magnetometer, temperature and humidity sensors
BLE Compatibility	Data transfer to external devices via Bluetooth Low Energy is supported
Power Source	Built-in Hybrid Primary Li-SOCl <sub>2</sub> battery
Voltage	3.6 V
Capacity	17 Ah
Stick dimensions [mm]	Φ15 x 1499
Casing dimensions [mm]	120 x 120 x 70
IP Rating	IP66
Temperature Range	-50 - +105 °C
Accuracy	±0.5 °C @ -10 to +85 °C
SIM card	4FF Nano SIM

\* [AirQ datasheet available here online.](#)