

ATRS0010 Linmimeter Sensor

Multimaterial Ultrasonic LoRaWAN Distance Sensor

The sensor is equipped with an ultrasonic sensor which measures the distance to the surface of the substance to be measured. This type of sensor is able to detect both liquid and solid, so it can be used in many applications.

The sensor has a cable of several meters long, which allows it to be installed in the location where the measurement will be carried out. The transmitter to the other end of the cable should be installed in an area where the coverage benefits guarantee the sending of information.

BENEFITS

- LoRa Frequency 868MHz
- LoRaWAN protocol
- Long Battery Life
- Long Range coverage

APPLICATIONS

- Smart City
- Smart Agriculture
- Smart Industrie





Dimensions	200x90x60
Weight	610g (including batteries)
Operating Temp	-40°C to + 65°C
Housing	IP 66 protection ABS UV resistant
Antenna	Internal antenna
Sensor	Ultrasonic measurement Temperature

SENSORS

Ultrasonic sensor	Description: ultrasonic measurement sensor Measuring range: 300mm-5000mm Resolution: 1mm
Temperature sensor	Description: measures the internal temperatur of the device Measure range: -40°C a +65°C Accuracy: ±3°C
Battery	Description: measures power supply voltage level of the device Measure range: up to 15V Resolution: 1mV Estimated Lifetime: Max 7 years: 1 data/day, 1 submission/day Max 2 year: 1 data/hour, 1 submission/hour

This sensor works with a LoRaWAN Network

Discover our LoRaWAN Gateway at <https://sicetelecom.it/prodotto/iot/lorawan-gateway/>



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