



LoRaWAN TH Outdoor Temperature & Humidity Sensor

SENSOR

Temperature;

Range -40 to +125 C

Resolution 0.01 C

Accuracy tolerance +/-0.2 C

Humidity;

Range 0 to 100 %RH

Resolution 0.01 %RH

Accuracy tolerance +/-2 %RH

RADIO

LoRaWAN 1.0.2 Class A

Licence Free ISM Bands (EU868, US915..), Default EU868, 8 Channel

Up to 100mW (20dbm) output power

High sensitivity -148dbm

3dbi External Antenna

Long Range, greater than 10km line of sight

POWER

3.6V 9000mah ER26500 C Size LiSClO2

10uA sleep current

Up to 5 years battery life depending on send interval

Low battery alarm

CONFIGURATION

Configuration via USB, Pc, Phone, Tablet

Send Interval, 5min to 24h

High and Low Alarm thresholds

Full LoRaWAN parameters access

Over The Air Activation (OTAA) with DevEUI, AppEUI, AppKEY

PHYSICAL

Outdoor IP65 waterproof enclosure

Mounting flanges

76X70X40mm