

The Dragino LHT65 Temperature & Humidity sensor is a Long Range LoRaWAN Sensor. It includes a built-in SHT20 Temperature & Humidity sensor and has an external sensor connector to connect to external sensors such as Temperature Sensor etc.

The LHT65 allows users to send data & reach extremely long ranges. It provides ultra-long range spread spectrum communication & high interference immunity whilst minimizing current consumption. It targets professional wireless sensor network applications such as irrigation systems, smart metering, smart cities, building automation, & so on.

LHT65 has a built-in 2400mAh non-chargeable battery which can be used for more than 10 years.

LHT65 is full compatible with LoRaWAN v1.0.4 protocol, it can work with standard LoRaWAN gateway.

LHT65 has 3200 data records with datetime which can be retrieved with datetime for further analyze.



STANDARD FEATURES

Wall mountable

Built-in 2400mAh battery for over 10 year use

LoRaWAN Class A protocol

Built-in Temperature & Humidity sensor

AT Commands to change parameters

Optional External Sensors

Remote configure via LoRaWAN Downlink

Tri-color LED to indicate status

Firmware upgradable via program port

3200 set sensor record with time stamp

SENSOR SPEC

BUILT-IN TEMPERATURE SENSOR

Range: -40 ~ +80 °C
Accuracy: ± 0.3°C
Resolution: 0.01°C

BUILT-IN HUMIDITY SENSOR

Range: 0 ~ 99.9% RH
Accuracy: ± 3%RH (10 ~ 90%RH)
Resolution: 0.04% RH
Response Time: < 5s

EXTERNAL TEMPERATURE SENSOR

Resolution: 0.0625 °C
MAX ±0.5°C accuracy from -10 to 85°C
MAX ±2°C accuracy from -55 to +125°C
Operating Range: -55 °C ~ 125 °C

ORDER INFO

LHT65-XXX-YY
XXX: Frequency Bands, options:
EU433,CN470,EU868,IN865,KR920
AS923,AU915,US915