LoRaWAN Temperature Sensor

LSN50v2-D2x

LSN50v2-D22

LSN50v2-D20

LSN50v2-D23

OVERVIEW:

The Dragino LSN50v2-D2x is a LoRaWAN Temperature Sensor for Internet of Things solution. It is used to measure the air, liquid or object temperature, and then upload to IoT server via LoRaWAN wireless protocol.

The temperature sensor used in LSN50v2-D2x is DS18B20 chipset, which can measure -55°C ~ 125°C with accurancy ±0.5°C (max ±2.0 °C). The sensor cable is waterproof, moisture-proof and anti-rust for long term usage.

LSN50v2-D2x support temperature alarm feature, user can set temperature alarm for instant notice.

LSN50v2-D2x is powered by 8500mAh Li-SOCI2 battery, It is designed for long term use up to 10 years. (Actually Battery life depends on the use environment, update period.Please check related Power Analyze report).

Each LSN50v2-D2x is pre-load with a set of unique keys for LoRaWAN registration, register these keys to local LoRaWAN server and it will auto connect after power on.

Features:

- LoRaWAN v1.0.3 Class A
- Ultro low power consumption
- Max 3 x External DS18B20 Probes
- Measure range -55°C ~ 125°C
- Temperature alarm
- Bands: CN470/EU433/KR920/US915
- EU868/AS923/AU915/IN865
- AT Commands to change parameters
- Uplink on periodically
- Downlink to change configure

Order Info- LSN50v2-D20-XX
or LSN50v2-D22-xx
or LSN50v2-D23-xx

XX:

- XX: Frequency Bands, options:
  EU433,CN470,EU868,IN865,KR920
  AS923,AU915,US915