

LoRaWAN Temperature Sensor

LSN50v2-D2x



LSN50v2-D20



LSN50v2-D22



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 can measure $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ with accuracy $\pm 0.5^{\circ}\text{C}$ (max $\pm 2.0^{\circ}\text{C}$). 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-SOC12 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
- Ultra low power consumption
- Max 3 x External Temperature Probes
- Measure range $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$
- 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