

LoRaWAN Dry Contact Sensor

LHT65N-DC



LHT65S-DC



OVERVIEW:

The Dragino LHT65N/S-DC is a **LoRaWAN Dry Contact Sensor** is a Long Range LoRaWAN Sensor. It detects dry contact status, open/ close status, counts, and then upload to IoT server via LoRaWAN network. It includes a **built-in Temperature & Humidity sensor** and **3-wire(VCC/ GND/ INT)** for dry contact .

LHT65N/S-DC **supports open alarm feature**, user can set open alarm for instant notice. The sensor supports Datalog feature, it can save the data when there is no network and uplink when network recover.

LHT65N/S-DC has a **built-in 2400mAh non-chargeable battery** which can be used for more than 10 years*.

LHT65N/S-DC is full compatible with LoRaWAN v1.0.3 Class A protocol, it can work with a standard LoRaWAN gateway.

*The actual battery life depends on how often to send data, please see battery analyzer chapter.

Features:

- Wall mountable
- LoRaWAN v1.0.3 Class A protocol
- Firmware upgradable via program port
- 1 meter external cable
- Tri-color LED to indicate status
- Support Open/ Close uplink
- Support pulse counting
- Bands: CN470/EU433/KR920/US915/EU868/AS923/AU915
- AT Commands to change parameters
- Built-in Temperature & Humidity sensor
- Remote configure parameters via LoRaWAN Downlink
- Built-in 2400mAh battery for more than 10 years of use

Sensor Spec:

Built-in Temperature Sensor:

- Resolution: 0.01°C
- Accuracy Tolerance : Typ ± 0.3 °C
- Long Term Drift: < 0.02 °C/yr
- Operating Range: -40 ~ 80 °C

Built-in Humidity Sensor:

- Resolution: 0.04 %RH
- Accuracy Tolerance : Typ $\pm 3\%$ RH
- Long Term Drift: < 0.25 RH/yr
- Operating Range: 0 ~ 96 %RH

External Probe:

- 3 wire: VCC/ GND/ INT

Order Info: LHT65N/S-DC-XX

XX: The default frequency band

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

Application Scenarios



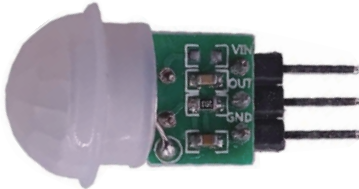
Door Sensor



Water Leak



Level Detect



PIR



Flow Sensor



Laser Switch