

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 ± 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



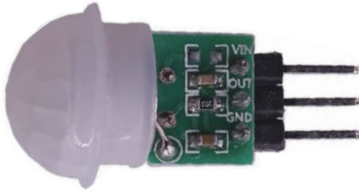
Door Sensor



Water Leak



Level Detect



PIR



Flow Sensor



Laser Switch