LoRaWAN Contact Sensor

CPL01

OVERVIEW:

The Dragino CPL01 is a LoRaWAN Contact Sensor. It detects open/close status and uplink to IoT server via LoRaWAN network. user can see the dry contact status, open time, open counts in the IoT Server.

CPL01 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.)

The CPL01 will send periodically data every day as well as for each dry contact action. It also counts the contact open times and calculate last open duration. User can also disable the uplink for each open/close event, instead, device can count each open event and uplink periodically.

CPL01 has the open alarm feature, user can set this feature so device will send Alarm if the contact has been open for a certain time.

Each CPL01 is pre-load with a set of unique keys for LoRaWAN registration, register these keys to LoRaWAN server and it will auto connect after power on.

Features:

- LoRaWAN v1.0.3 Class A
- Dry Contact Open/Close detect
- 8500mA Li-SOIC2 Battery
- Open/close statistics
- Open duration alarm
- Datalog and retreive via LoRaWAN
- Bands: CN470/EU433/KR920/US915
- EU868/AS923/AU915/IN865
- AT Commands to change parameters
- Uplink on periodically and open/close action
- Downlink to change configure

Applications:

- Smart Buildings & Home Automation
- Logistics and Supply Chain Management
- Smart Metering
- Smart Agriculture
- Smart Cities
- Smart Factory

Order Info: CPL01-XX

XX:

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