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.

CPL01 is designed for outdoor use. It has a weatherproof enclosure and industrial level battery to work in low to high temperatures.

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.

*Battery life depends on how often to send data, please see battery analyzer.

Features:

- Wall Mountable
- Outdoor Use
- Open/Close detect
- Open/Close statistics
- Datalog feature
- LoRaWAN v1.0.3 Class A
- 8500mA Li-SOIC2 Battery
- AT Commands to change parameters
- Firmware upgradable via program port
- Uplink on periodically and open/close event
- Remote configure parameters via LoRa Downlink
- Bands: CN470/EU433/KR920/US915/EU868/AS923/AU915/IN865

Applications:

- Open/Close Detection
- Pulse meter application
- Dry Contact Detection

Order Info: CPL01-XXX

XXX: The default frequency band

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

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