LoRaWAN Door Sensor

LDS03A

Stores

Villa

WareHouse

SuperMarket

Garag

Home Area

OVERVIEW:

The Dragino LDS03A is a LoRaWAN Door Sensor. It detects door open/close status and uplink to IoT server via LoRaWAN network. user can see the door status, open time, open counts in the IoT Server.

LDS03A is powered by 8500mAh Li-SOCl2 battery, It is designed for long term use up to 10 years. (Actually Battery life depends on the use environment, update period.)

The LDS03A will send periodically data every day as well as for each door open/close action. It also counts the door open times and calculate last door open duration. User can also disable the uplink for each open/close event, instead, device can count each open event and uplink periodically.

LDS03A has the open alarm feature, user can set this feature so device will send Alarm if the door has been open for a certain time.

Each LDS03A 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
- Door Open/Close detect
- 8500mA Li-SOIC2 Battery
- Door 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- LDS03A-XX

XX:

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