



packetDOOR

PacketDOOR is a low power device that monitors door (*cabinet, vault*) status, specifically, the opening or closing of doors. Data is sent via LoRaWAN® whenever there is a status change to the door sensor or through a set interval.

Furthermore, this data can be converted to a more usable form through sending alerts via SMS or e-mails from a third-party platform or application such as packetVIEW.

This allows users to be quickly notified if any important doors have been opened while the area behind it has been, possibly, accessed, which will provide crucial security information.

Features

- Interrupt-based door status detection
- Periodic status update
- Long battery life
- LoRaWAN® compatible
- Optimized as IoT end-node

Applications

- Data Cabinets
- Security System and Operations
- Access Control System
- Reefers
- Vault storage

Technical Specification

LoRa

Device	S76S
Integrated MCU	STM32L073xZ
Integrated RF IC	SX1276
Frequency	868Mhz
Antenna	Internal
Range	Up to 15k
RF Power	+25dBm

Reed Switch

Type	ORD211 SPST NO (<i>Normally Open</i>)
Storage Temperature	-40°C to +105°C
Maximum Switching Voltage	24V
Maximum Switching Current	100mA

Electrical Characteristics

Power Source	Battery
Battery Voltage	3.6V
Battery Type	ER18505 Lithium-Thionyl Chloride A-type
Battery Capacity	4 Ah
Battery Discharge Voltage	2.0 V
Idle-mode Current	55 µA
Operating Current	12mA

Physical Characteristics

Operating Temperature	-45°C to 85 °C
Storage Temperature	
Protection grade	IP68
Dimension	200 x 94 x 45 mm
Setup	Can be: Wall-mounted, Floor-mounted, Adhesive

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TELCO FOR THINGS

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