# Fennec Door Count

Universally mountable door counting device

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**General**

- Processor: 32-Bit ARM Cortex M0
- LoRa Radio: SX1272
- On-board internal antenna

**Dimensions**

- 36 x 23 x 115 mm

**Environment**

- Temperature: -25 to +70 °C
- Humidity: 5 to 95%
- Housing: Plastic
- Ingress Protection: IP65

**Communication**

- LoRaWAN: 868 MHz

**Power Requirements**

- Internal: Non-rechargeable 3.0V
- Battery type: Coin cell - CR2450 (Battery lifetime - 3 years)*
- Optional 5V external power supply

**Power Consumption**

- Deep sleep mode: < 4μA
- 0.1 sec transmission mode: 20mA

**Additional Connections**

- Thermistor 1x (temperature sensor)
- Digital input 1x
- Analog Inputs: 1x 4-20mA + 1x 0-10V

* 1 LoRa packet per hour. Improved with lesser frequency.