

Technical features



Badge reader Wireless IoT

- ✓ Check in real time inputs and outputs of authorized personnel
- ✓ PASS verifies the accesses and duration of the latter of working staff
- ✓ Control over maintenance work and track working hours in an optimal manner
- ✓ Efficient control of inputs and outputs within dispersive environments and with a high passage of workers and maintenance workers

PASS is the standalone solution for registering entry/exit of personnel, without the need for electricity nor WiFi

Main features of the device

- Reader of entrances and exits by authorized personnel
- Web App for device registration, configuration and management of inputs / outputs
- Real time and / or asynchronous data collection and transmission
- Certified for operation on the Sigfox network and protected from electromagnetic interferences
- Sigfox Ready 0U - Certificate P_00D9_ BC2F_01

Communications

- Sigfox network protocol
- Status message: 1 daily with battery status indication
- Encryption: AES128
- Fully customizable firmware and sensor interface

Power Supply

- Operating voltage: 6V
- Power supply: 4 replaceable 1.5V AA type styluses
- Duration: up to 3 years

Antenna

- Radio module: 868 MHz
- Power: 25 mW (+ 14dBm)
- RF sensitivity: up to -150 dBm
- Range: up to 15 Km

Environmental conditions

- Operating temperature: -20°C /+55°C
- Degree of protection: IP401

Mechanics

- Weight: 212g without batteries/ 305g with batteries
- Dimension: 145x96x35 mm