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ST4RT THE CHANGE



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Monitoring device / Scattered spectrum technology SmartReader V1.8

INTRODUCTION

SmartReader devices are located at strategic reading points of sites of interest for real-time monitoring of **SmartTag** of dispersed spectrum technology, which processes and sends information via ethernet or Wi-Fi networks to **SmartFlow**® software.

BENEFITS

- Reading of scattered spectrum technology tags
- Alarm communication
- Load control with GPIO ports
- PoE + or AC power
- Ergonomic
- Easy to install
- Standard Ethernet and Wi-Fi communications



CHARACTERISTICS

- IoT / Industry 4.0 device
- Transmission power -16 to 22 dBm
- ISM band frequency range (2.4 GHz to 2.4835 GHz)
- 4 GPIO ports
- 1 ADC port
- Ethernet connectivity, 2.4GHz Wi-Fi, Bluetooth 4.0
- 64 GB storage (expandable with MicroSD)
- WINDOWS 10 IoT ENT 2016 LTSB ENTRY operating system
- Power backup with rechargeable batteries (see model)

MECHANICAL SPECIFICATIONS

- Dimensions: H: 84mm x L: 69mm x W: 50mm
- Temperature -20 °C to 70 °C

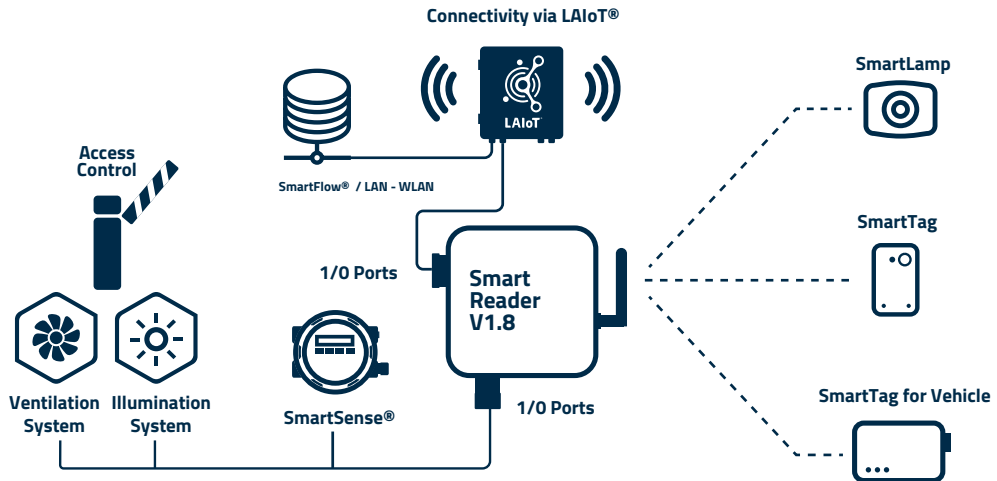
ELECTRICAL SPECIFICATIONS

- Power supply voltage 85-240 VAC
- AC Current 0.35 Amp
- PoE + standard 802.3 AT (See model)

PRODUCT SPECIFICATIONS

HARDWARE / Data Sheet

OPERATING SCHEME



PART NUMBERS

Part number	Description
5.2 SF-SR-1.8-SB	Smart Reader V1.8 with 100BT port.
5.2 SF-SR-1.8-CB	Smart Reader V1.8 with 100BT port and rechargeable battery