

# SensorProx SF

## Readers

The SensorProx SF range of readers are practical and easy to install. All the readers are epoxy filled and weatherproof therefore suitable for indoor and outdoor applications. The SensorProx SF range uses smart card technology so cards can be used for multiple applications.

### Key Features

- Mifare Compatible
- Metal back plate for easy installation
- Secure Encrypted Format, cards & readers
- Non-drop bottom screw
- Backlit reader and keypad
- Touch sensitive number pad with LED feedback
- Smartcard technology
- Red, Green & Blue LED feedback

### LED Feedback

The Logo and keypad (SF-KPV only) is backlit blue for easy identification. The back light changes Green for access granted or Red for access denied. This makes the readers very user friendly.

### High Security

Both readers & cards are encrypted offering the user a secure solution with no card duplication

### Modern Design

New smooth sleek black design makes this reader ideal for installs where aesthetics are a priority.

### Single Gang

The SF-KPV and SF-SG are designed for US single gang mounting and also UK single gang mounting.

### Metal Backplate

Metal back plate allows the reader to be on metal surface without affecting the read range.

### Smartcard

The SensorProx SF range utilises read/write smart card technology. Cards can be also be used for other applications such as biometric authentication, cashless vending and PC log on security.

### Interactive Keypad

Keypad is constant backlit blue. When key is pressed the key illuminates bright blue indicating confirmation of key press.



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### Technical Specification

#### Reader Specification

LED	Blue, Red, Green
Weatherproof	Fully Potted IP 65
Reading Technology	Smart Card
Read Range	50mm
Frequency	13.56 MHz
Function	Read Only
Interface	Wiegand

#### Physical

SF-MINI	85(H) x 55(W) x 17(D)mm
SF-SG	116(H) x 85(W) x 21(D)mm
SF-KPV	116(H) x 85(W) x 21(D)mm
Case Material	Plastic
Case Colour	Black

#### Environmental

Operating Temperatures	-30°C to +70°C
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#### Electrical

Operating Voltage	10 - 15 vDC
Operating Current	150mA (Max)



### Part Numbers

SF-MINI	SensorProx SF mini smart card reader
SF-SG	SensorProx SF single gang smart card reader
SF-KPV	SensorProx SF single gang prox and pin reader
SF-ISO	SensorProx SF Format ISO Cards. 1K Smart Card Technology
SF-KEY-Y/G	SensorProx SF Format Yellow or Grey Keyfobs. 1K Smart Card Technology

Other reader formats & cards are available, please ask a member of staff for Part Numbers



### Technical Tip

The SF readers have a configurable output allowing them to read the Full CSN of Mifare Classic, Mifare Plus and Desfire cards. These readers can also be purchased to reader SensorProx and HID prox format cards.



SF-MINI



SF-SG



SF-KPV