

Wiegand Proximity CARD READER

Product code: **SSR-202**

Reliable Wiegand communication



KEY FEATURES

- High-bright, Tri-colour LED
- Audible buzzer with different Allow and Deny sounds
- Industry standard 125khz operational frequency
- Reads Hitag™ 1, Hitag™ 2, EM4102 card technologies
- Configurable bit masking for limiting card number length to 16, 24 or 32 bits
- Wiegand communications for integration to 3rd-party controllers & devices

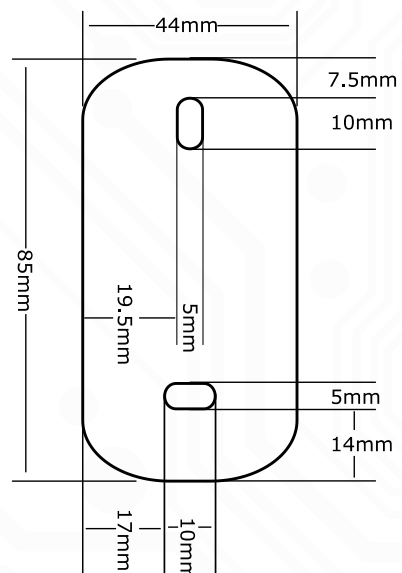
The Saflec Systems **SSR-202 Wiegand Proximity Card Reader** is a reliable, secure, dependable, cost-effective access control solution for various applications.

The reader uses the **Wiegand** protocol for communication, enabling it to transmit data to 3rd-party access controllers and Wiegand-enabled Saflec Systems controllers and expansion boards.

The reader supports multiple card technologies and offers easy-to-use configuration in our SACS software interface, enabling efficient access control to restricted areas while maintaining the safety and security of personnel and assets.

The reader's housing is an attractive yet robust ABS plastic enclosure.

Dimensions



One of the key benefits of the Saflec Systems SSR-202 Wiegand Proximity Card Reader is its ability to communicate seamlessly with any **third-party** equipment using the Wiegand protocol.

In addition, it is designed to interface with our **SDC-620 controllers, SDC-320 controllers, SEB-722 remote IO expansion boards, and SSI-302 Wiegand converter boards**, making it perfect for various access control applications.

The reader reads various transponder cards at a frequency of 125kHz, including Hitag™ 1, Hitag™ 2 and EM4102.

It features a tri-color LED and Piezo buzzer that provide a visual and audible confirmation of successful card reads, with distinct buzzer tones and LED colours for authorized and unauthorized access attempts.

The weather resistant (IP54 rated) housing design incorporates a clip and screw closing mechanism, ensuring a neat and tidy installation with the screw out of plain view on the underside of the reader.

PRODUCT SPECIFICATIONS

Power requirements

Operating Voltage (DC)	10 to 14 Vdc
Maximum Current	125 mA

Environmental characteristics

Operating Temperature	0°C to +70°C
Storage Temperature	-10°C to +80°C
Enclosure Rating	IP54

Digital Outputs (Wiegand)

Specification:	Open collector transistor output with 4k7 Pullup Resistor to 5V DC
Max Voltage on terminal	-2 to +20V referenced to ground
Max Load	100mA

Digital Inputs (Wiegand)

Specification:	TLL input with 4k7 Pullup Resistor to 5V DC
Max Voltage on terminal	-10 to +20V referenced to ground
V Input Low	< 1V
V Input High	> 3V