

## SRX313SP

### Smart Card Door Access Control Reader

- Contactless smartcard reader, using 13.56 MHz,
- Reads Standard Mifare smart cards, conform to ISO 14443A,
- Red, Yellow and Green LED and buzzer,
- Compact, ergonomic and convenient,
- Standalone access control intelligence,
- Reading range 3"-4",
- International Protection Rating IP54 against dust and moisture,
- Holds access information about 1500 cards,
- Management through reader and keypad, or with external computer,
- Relay output for door control,
- Inputs for an optional 'request to open' button

### Performance:

The SRX313SP controller is designed for small-sized access control applications.

It can be fully managed through its keypad, and connection to an external computer is optional.

The SRX313SP meets basic access control functionality, such as card management, facility code setting, time & date setting, and status settings.

The SRX313SP is equipped with one RS232 series communication port and one RS485 communication port, if multiple SRX313SP units need to be connected to an external computer.



### Management functions:

- Bulk card addition
- Add individual card
- Change password
- Change password by position
- Delete card
- Delete card by card number
- Delete all
- Change administrator password
- Set 4 digit forced password
- Set 8 digit super password
- Set the Mifare card type
- Set door open time
- Set door state
- Set date & time

### Network communication:

- RS-232 communication port
- RS-485 communication port, allowing connection of up to 63 terminals
- Network distance up to 4000 feet
- Data transmission rate 9600bps

### Inputs and Outputs:

- Standard door-status input
- 'Request to open' button input
- Optional input port
- Two output ports (door strike + option)
- Tri-color LED indicator (Red, Yellow and Green)

### Dynamic voltage protection:

- All inputs and outputs have dynamic voltage protection
- Electronic lock output has overload and short-circuit protection
- The output power supply is isolated from the main board

### Power supply:

- Power supply: 12VDC/3A, Allowed range 8~13VDC
- Static current: 80mA, Max current: 180mA
- Output load parameter: 30VDC
- Working current 3A

### Door access control:

- Each SRX313SP controller can contain information about 1500 cards
- Each controller can store and buffer 4032 records of transactions
- There are 2 ways of entry: smart card + 4 digit password, or 8 digit super password
- Forced password alarm

### Others:

- Temperature: -45°F ~ +176°F
- Humidity: 10~90%
- Data memory retention when powered off
- Color: Silvery and black
- External Size: 4.76" x 3.43" x 1"
- Gross Weight: 5.3 oz