

CONTROLLER

# SMX-513

Proximity Stand alone Single-door Controller

Low Cost

Easy

&

Secure

Access Control



## Features

- \* Stand alone controller
- \* External Reader interface
- \* Built-in (5-15cm) Reader
- \* Communication via RS-232
- \* Up to 4000 ID numbers
- \* Up to 4000 events record
- \* Self-diagnostic Function
- \* Bicolor Status LED Indicator
- \* RF, RF+PIN and PIN operating modes

## Applications

- ✓ Stand-alone Access Control
- ✓ Building Entrance
- ✓ Home and Offices
- ✓ Elevator Access Control

**S**MX-513 is a dual-technology (RF/PIN) Single Door Access Controller based on powerful 8 bit microprocessor to meet simple and cost-effective access control requirements. It's user friendly card management system allows you to register, add, or delete up to 4000 cards and save or print the latest 4000 events.

**SMX-513** is programmable to respond to CARD, PIN code, or combination of both.

**SMX-513** will give you field proven reliability and cost-effective solution anywhere the access control and high security is required.

**SMX-513** provides a secure and cost-effective access control.

# CONTROLLER

## Technical Specification

|                       |                                   |
|-----------------------|-----------------------------------|
| Typical Read Range    | 5-15 cm (2"- 6")                  |
| Input Voltage         | 9 to 15 VDC                       |
| Current DC maximum    | 85 mA                             |
| Dimension (H.W.D) mm  | 119 x 80 x 19                     |
| Dimension (H.W.D) in. | 4.68 x 3.15 x 0.75                |
| Color                 | Black                             |
| Operating Frequency   | 125 KHz                           |
| LED Indicator         | Bicolor Standard(Red, Green)      |
| Piezo Buffer          | Integrated                        |
| Operating Environment | -35 C to 65 C 10% - 90% Hummidity |
| Input/Output:         |                                   |
| Lock Relay Output     | N.O. & N.C. SPDT, 24VDC, 2A       |
| Alarm Relay Output    | N.O. & N.C. SPDT, 24VDC, 1A       |
| Input1                | 1 Door Sensor                     |
| Input2                | 1 Push Buttom                     |
| Card Capacity         | 4000 Cards                        |
| Record Capacity       | 4000 Latest Events                |
| Operating Modes       | RF, RF+PIN, PIN                   |
| Protection            | Weather Proof                     |



## Ordering Information

|             |   |
|-------------|---|
| SMX-513     | Stand-alone Single Door Access Controller |
| SMX-513-Aux | Auxillary Reader (Optional)               |

