

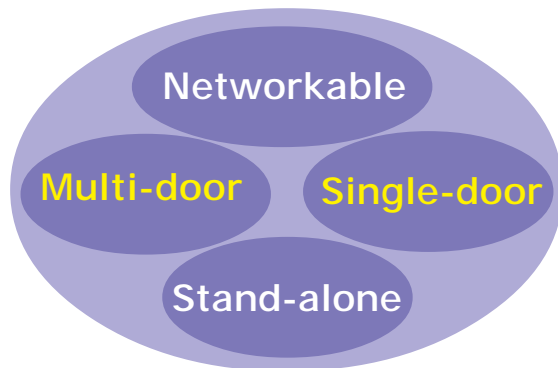
## CONTROLLER

# SMX-120

## Proximity Multi/Single Door Controller

**SMX-120** is a compact, versatile and powerful networkable **Multi/Single Door Controller** that incorporates all the features found in much larger and more complicated controllers.

**SMX-120** Single Door Controller, a breakthrough Electronic Access Control system, features the capacity of a hard-wired system, up to 2000 users and an audit trail for 2000 transactions, with the low cost, simple setup and operation of a keypad.



**SMX-120** can be connected to many access point devices such as card reader, door contact, exit button and lock.

**SMX-120** provides you field proven reliability and cost-effective solution anywhere online access control and high security is required.

### Applications

- ✓ Multi-door applications in a network
- ✓ Single-door access
- ✓ Parking lot access
- ✓ Elevator access controller

### Features

- Door Access Control system
- Stand-alone or Network application
- Single Board, Small Size
- External Wiegand Reader Interface
- Built-in 8" (20cm) RF Reader
- Backlit 16-key keypad
- RS485 and TCP/IP (optional) communication
- Up to 2,000 Card Holder
- Up to 2,000 events History
- Self-diagnostic Function
- 4 Status LED
- RF, RF+PIN and PIN Modes
- Expandable up to 99 units (99 Doors)
- Internal Buzzer
- Tamper switch

## CONTROLLER

### Technical Specifications

Typical Read Range	Up to 8" (20cm)
Input Voltage	10 to 15VDC
Power Consumption	0.5W to 1W
Dimension (W.H.D) mm	81 x 118 x 28
Dimension (W.H.D) in.	3.2 x 4.65 x 1.1
Operating Frequency	125KHz
Communication	Built-in Beep / 4 LED
Operating Environment	-10 to 55 C
Number of Readers	One Internal / One External(Wiegand)
Keypad Input	16 keys with backlight
Timer	1
Group Timezone	4
Holidays	30
Controller ID	001-099
User PIN Code	4 Digits
Input/Output	4 Fully Definable Voltage Inputs 1 Fully Definable Relay Output (24VDC, 2A) 1 Voltage Output (12VDC, 500mA)
Protection	Indoor/Outdoor
Card Capacity	2000 ID numbers
Holding Capacity	2000 Events record
Communication Port/Baud	RS485/4800-115200(Default 9600)
Operating Modes	RF, RF+PIN, PIN

### Ordering Information

Main System:  
**SMX-120**

Software:  
**AXView**

Auxiliary Readers (Optional):  
**SMX-9918**  
**SMX-9917**  
**SMX-523**

