

## CONTROLLER

# SMX-210

## Proximity Multi-Door Controller

**SMX-210** is a high performance microprocessor based access control system that provides the flexibility and reliability needed for most access control and monitoring applications.

Each controller stores up to 9,999 cards and communicates at the speed of up to 115.2 Kbps over standard RS-485 or optional Ethernet connections.



### • Features

- Supports four doors
- Flash memory for real-time program updates
- Host communication via RS-485, or optional Ethernet
- Time zones allow relays to be automatically controlled
- All major reader technologies fully supported
- Up to 9,999 card holders
- Configurable I/O interlocking

### Technical Specifications

Card Capacity	9,999 ID numbers
Input Voltage	10 to 20VDC
Power Consumption	0.5W to 3W
Dimension (W.H.D) mm	81 x 118 x 28
Dimension (W.H.D) in.	3.2 x 4.65 x 1.1
Number of Readers	8 (4 in, 4 out)
Reader Technology	wiegand 26
Door Control	4 Door
User PIN Code	4 Digital Code
Input	4 Definable Inputs
Output	4 Definable Relays
Communication	RS485, 2 ports (option 1xRS232)
Baud Rate	19,200bps(4,800, 9,600, 19200, 38,400, 57,600, 115,200)
Programmable Time Zone	60 time zones
Group ( Application Set)	16
Defined Holidays	366
Controller ID	01-99
Anti-Passback	Up to 3 Levels (Local and/or Group)
Keypad Input	16 Key Keypad
LCD Display	8x2 LCD with Backlight
Speaker Output	Built-in Beeper, External (0.2 W)
Indicator	5 LED
Operating Enviroment	Temperature: -20 to 75 C



### Features

- \* PC-based
- \* Compact Size
- \* SMT Technology
- \* Up to 9,999 Card Holders
- \* Up to 4 Doors (each unit)
- \* Expandable to 396 Doors
- \* In/Out Reader
- \* Anti-passback Fuction

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### SMX-DIDO1

Digital Input/Output Module



Interface	RS485(SmaxID Protocol)
Baud rate	Up to 115,200
Input	4 Voltage Free
Output	2 Relay Output
Indicator	3 LED
Temperature	-20 C to 70 C
Input Voltage	8-15VDC
Dimension (W.H.D) mm	75 x 115 x 15
Dimension (W.H.D) in	29.5 x 4.5x 0.6

### SMX-WINT01

Wiegand to Serial Converter



Interface	RS485(SmaxID Protocol)
Baud rate	Up to 115,200
Input	Wiegand 26/34/42
Output	2 Chanel
Indicator	4 LED
Temperature	-20 C to 70 C
Input Voltage	8-15VDC
Dimension (W.H.D) mm	75 x 115 x 15
Dimension (W.H.D) in	29.5 x 4.5x 0.6

### Ordering Information

Main System: SMX-210  
 Readers: SMX-9918 , SMX-9917 , SMX-523  
 External Modules: SMX-DIDO01 , SMX-WINT01  
 Software: AXView

### Applications

- ✓ Multi-door Access Control
- ✓ Expandable Access Control
- ✓ Distributed Access Control

### System Configuration

