

# SMX PR90C

## Proximity Time Attendance & Access Control

**S**MX-PR90C is an intelligent Time Attendance and Access Control based on dual powerful 8/16 bit Microprocessors to meet reliable and cost effective market requirements.

SMX-PR90C can be used either as a **Stand-alone system** without a dedicated PC or a **PC-controlled system** as a **Network based system**.

RS485 / RS232 (addressable up to 64 devices) or **TCP/IP** protocols are supported by SMX-PR90C.

All control settings such as input and output configurations, real time clock and time-zones can be managed through keypad or the host computer, in a network based system. All buffered transactions could be transferred to the host computer.

User-friendly setup facilities allow you to easily register, delete or modify up to 10,000 ID numbers along with access to latest 10,000 events.

Built in RF reader and keypad give you various operational modes such as RF only, RF + PIN or PIN only.



### Features

- \* Time Attendance and Access Control system
- \* Stand-alone or Network application
- \* External Reader Interface
- \* Built-in 10" (25cm) RF Reader
- \* RS-232/422/485 and TCP/IP (optional) communication
- \* Up to 10,000 ID numbers
- \* Up to 10,000 events record
- \* Self-diagnostic Function
- \* Two status indicators
- \* RF, RF+PIN and PIN operational Modes
- \* Multi-device Mode (up to 64 devices)
- \* Tamper switch

### Auxiliary Readers (optional)



SMX-PR90-300



SMX-PR90-200

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### Technical Specifications

Typical Read Range	Up to 10" (25cm)
Input Voltage	10 to 15VDC
Current DC maximum	150mA
Dimension (W.H.D) mm	168 * 185 * 48
Dimension (W.H.D) in.	6.6 * 7.3 * 1.9
Color	White
Operating Frequency	125 KHZ
LED Indicators	Two LEDs (Red, Green)
Piezo Buffer	Integrated
Operating Environment	0 C to 50 C 10% - 90% Hummidity
Communication	ASCII - 9600 BPS
Reader Port	1 External Reader port
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	10,000 ID numbers
Holding Capacity	10,000 Events record
Operating Modes	RF, RF+PIN, PIN

### Ordering Information

SMX-PR90C-232	With RS232 communication port
SMX-PR90C-485/422	With RS485/RS422 communication ports
<b>Auxiliary Readers (Optional):</b>	
SMX-PR90-200	
SMX-PR90-200	

