

SY110SA/ SY120SA-V5

Single Door Controller



ACCESS Controller
SYRIS Security System



Feature (SY120SA-V5)

- Built-in Anti-Tamper protection.
- Built-in EM / Mifare reader
- The optional external proximity standard / keypad reader.
- It allows controlling the flow of personnel through the building and continually records I/O status, easy to track the each card holder's outturn.
- An be running with stand alone mode or working with software for group connection.
- Support with various functions for alarm events.
- Extend Door-Bell function.
- Access mode :
Card / Card+Pin / Pin.



Feature (SY110SA)

- Your only choice for home security solution.
- Built-in Anti-Tamper protection / Buzzer.
- Communication : RS232-TTL.
- The optional external proximity standard / keypad reader.
- Access mode :
Card / Card+Pin / Pin.

► SY110SA



► Ordering Information

Item	Type	Option
SY110SA	Single Door Controller	MDUSB-S-1 SY110SA Module
SY120SA-V5EM	SY120SA-V5 Single Door Controller(EM)	MD120EXT-1S SY120SA Extension Modules(DIDO)
SY120SA-V5M1	SY120SA-V5 Single Door Controller(Mifare)	SYBASE Access Control Software

❖ This specification is preliminary and subject to change without prior notice.

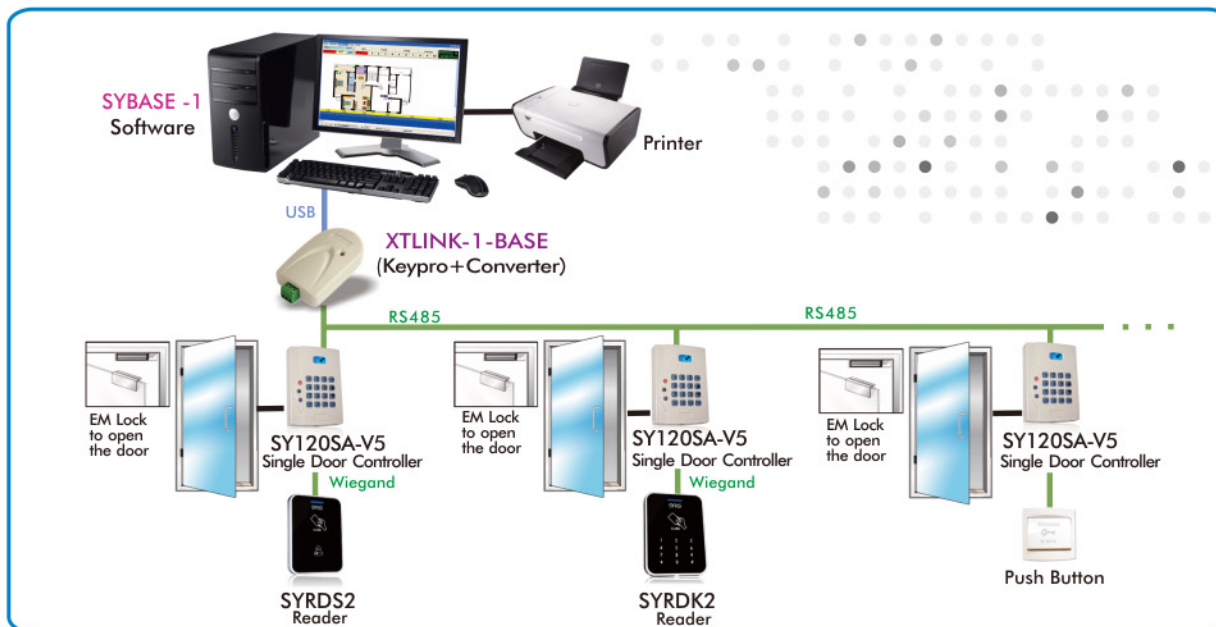
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SY120SA-V5 System Diagram



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Specification

Specs / Item	SY110SA	SY120SA-V5
Transmit Frequency	125KHz	125KHz / 13.56MHz(Mifare)
Built-in Reader	Built-in 125KHz Reader, One External SYRIS Reader	Built-in 125KHz / 13.56MHz Reader, One External SYRIS Reader
Read Range	5cm~15cm	5cm~15cm / 3cm~8cm
Capacity of Records	-	2,000 Records
Number of Cards	1,200 Cards	2,000 Cards
Communication	RS232-TTL	RS485
Relay Output	1 Relay	1 Relay / 1 Voltage
Input Points	2NV Input	4NV Input
Baud Rate	19,200bps (4,800~115,200bps)	
Group and APP Set / Holidays	-	4 Group / 30 Holidays
Controller ID	-	001~999 (SYBASE)
Keypad	17 Keys	
LED Indicator	4 LED	
Beep Tone	Built-in Buzzer	
Extension Modules	MD120EXT-1S (DIx2, DOx1)	
Support Software	-	SYBASE
Operating Temperature	-20°C ~ +70°C	
Storage Temperature	-30°C ~ +80°C	
Input Voltage	8V ~ 15V DC	
Dimensions (W x H x D)	83 x 121 x 32 mm	

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