



Proximity Single Door Controller

Features

- New life style of keyless access method.
- 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.
- Compact size, Fashion design and Constant quality.
- The optional external proximity standard/keypad Wiegand™ reader.
- Can be running with stand alone mode or working with Idyia software for group connection.
- Support with various functions for alarm events.
- Access methods: card/card+pin/pin.



SY120SA

SPECIFICATIONS

Items / Specs	SY120SA
Built-in Reader	Built-in SYRIS reader one external SYRIS Wiegand™ reader
Frequency	125KHz
Card (Transponder)	SYRIS card (EM/Temin compatible)
Number of card*	2,000 cards
Capacity of records	2,000 records
Group and APP Set/Holidays	4 Group / 30 Holidays
Timer	1 Timer
Controller ID	001 to 999
Communication port	RS485 x 1
Output points	2 (one relay, one voltage) (Expand 211)
Input points	Normally 4 data input
Support Software	Idyia Management System
Keypad /Indicator	17 Keypad / 4 LED
Color	Beige / Gray
Dimensions(mm)	83W x 121 H x 29.5D
LCD display	-
Baud rate	19,200bps (4,800bps-115,200bps)
Read range*	5cm-15cm
Card read time*	0.1 sec (tycial)
Extension module	Support MD120EXT-1S DIDO Module (DI x 2, DO x 1)
Tamper switch	Built-in
Power supply	8V to 15V DC
Weather proof	YES
Operating TEMP.	-20°C to 70°C
Storage TEMP.	-30°C to 80°C

\*This specification is preliminary and subject to change without prior notice  
\*Reading range is subject to card type, site interference and antenna specs for more information.

Applicable items for standalone

- SY120SA Controller
- S125KHz Wiegand™ format reader

Applicable items for networking

- SY120SA Controller
- S125KHz Wiegand™ format reader

Application of Idyia management system

- Access control
- Parking lot
- T&A: SYTAM

