

ADON Single Door Controller



❖ SY120SA

❖ SY110SA

»»»»

SY120SA Feature

- 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 SYBASE software for group connection.
- Support with various functions for alarm events.
- Access methods: card/card+pin/pin.

»»»»

SY110SA Feature

- Your only choice for home security solution.
- Stable, Compactsize, Cost effective.
- The optional external proximity standard/keypad Wiegand reader.

SPECIFICATION

Items / Specs	SY120SA	SY110SA
Built-in Reader	Built-in ADION reader (125KHz), one external ADION Wiegand reader	Built-in ADION reader (125KHz), one external ADION Wiegand reader
Frequency	125KHz	125KHz
Card (Transponder)	ADION card (EM/Temin compatible)	ADION card (EM/Temin compatible)
Number of card*	2,000 cards	1200 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	RS485 x 1
Output points	2 (one relay, one voltage) (Expand 2/1)	One relay
Input points	Normally 4 data input	Normally 2 data input
Support Software	SYBASE Management System	--
Keypad / Indicator	17 Keypad / 4 LED	17 Keypad / 4 LED
Color	Beige / Gray	Beige / Gray
Dimensions(mm)	83W x 121H x 29.5D	83W x 121H x 29.5D
LCD display	--	--
Baud rate	19,200bps (4,800bps~115,200bps)	19,200bps (4,800bps~115,200bps)
Read range*	5cm~15cm	5cm~15cm
Card read time*	0.1 sec (typical)	
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	

»»»»

Applicable items for standalone

- SY120SA Controller
- 125KHz Wiegand™ format reader

Applicable items for networking

- SY120SA Controller
- 125KHz Wiegand™ format reader

Application of SYBASE management system

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



*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.

Ordering information

SY120SA-		BSY
	Item	Color
SY120SA	Group connection	BSY(Beige) / GSY(gray)
SY110SA	Stand alone	BSY(Beige) / GSY(gray)

Digital Surveillance Solution from Home to Enterprise

ADON System

E - 185, Sector 63, NOIDA - 201307, INDIA

PHONE: +91 120 425 1364 FAX: +91 120 4251366

EMAIL: info@adonsystem.com