

## EP.S2100 2 Readers Controller



### Overview

#### S2100 Controller

EntryPass S2100 is an integrated access controller which can communicate with the software RS232 and RS485.

The S2100 is compact in designed, but rich features. The on board battery ensure the preservation of data even when break out.

The S2100 is dual readers controller which configurable as 1 door, 2 doors or even car park mode (1 in / 1 out).

The controller is designed base on modular and open platform concept and therefore support almost any reader technologies available in the market, such as proximity, MIFARE and HID iCLASS and etc...

### Model No

EP.S2100.PCB 2 Readers Controller (Board Only)

EP.S2100.PSU 2 Readers Controller c/w Power Supply Unit

### Key Features

#### Two Doors Configuration

S2100 is very flexible and cost effective to provide users with single door in/out, two doors in/in configuration or car park configuration.

#### Card Users & Transactions

S2100 supports 2,000 users and 3,000 transactions.

#### Various Indicator

The board is built in with LED indicator which make the troubleshooting and support very easy. All transmission lines have the indicator.

#### Various Communication

S2100 support both RS232 and RS485 communication. RS232 allow point to point communication where as RS485 allow up to 16 controllers daisy chain looping per bus.

#### External Watchdog Function

S2100 controller equipped with external watchdog function.

#### Minimum Support

Built in with surge protection up to 20kA, reverse polarity protection for incoming power and AC failure protection.

#### Support Various Reader Technologies

S2100 controller can support almost any reader technologies in the market such as Wiegand, HID iCLASS, MIFARE, ABA track II, Integrated keypad and etc.

## Technical Specification

Dimensions(With Metal Casing)	: 30cm W X 30cm L X 8.5cm H (1' W X 1' L X 0.29' H)	Power Protection	: Resetable Fuse
Dimensions (PCB Only)	: 13 cm W X 6.5cm L	Surge Protection	: Yes (Up To 20kA)
Weight (With Metal Casing)	: Approx. 4 Kg	Built In Real Time Clock	: Yes
Memory	: 128K Flash Memory : 128KB SRAM	Built In Calendar	: Yes
MCU	: 16 bits @ 24 MHz	Internal Back Up Battery	: Yes
Card Users	: 2,000	On Board Buzzer	: Yes
Transaction Events	: 3,000	Support LCD Display	: Yes
Digital Input	: 4	Maximum Door Open/Release Time	: 99 Sec
Relay Output	: 2	Allowed Arm/Disarm Delay Time	: 99 Sec
6 Digits Local Pin	: 3 Sets	Allowed Siren On/Off Time	: 99 Sec
Time Set	: 255	Auto Lock Release By Time Zone	: Yes
Time Zone	: 255	Exit Button Control By Time Zone	: Yes
Access Level	: 255	Access Mode By Time Zone	: Yes
Holidays	: 60	Support Card Expiring Setting	: Yes
Facility Codes	: 3 Sets	Support Controller Programming Mode	: Yes
		Data Download/Upload Via PC	: Yes

## System Architecture

