

# S2100 2 Reader Control Panel

**ENTRYPASS™**

## EP.S2100.PCB

Two Readers Control Panel w/o Power Supply

## EP.S2100.PSU

Two Readers Control Panel c/w Power Supply



## Overview

### S2100 Controller

EntryPass S2100 is an integrated access control panel which allow users to communicate via RS232 and RS485.

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

The S2100 is dual reader controller which allow to configure as 1 door/2doors or even car park mode (1 in/1 out).

The control panel 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...

## Key Features

### ■ Two Door Configuration

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

### ■ Card Users & Transactions

S2100 supports a minimum of 1,500 users and 3,000 transactions.

### ■ Various Indicator

The board is build 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 whereas RS485 allow up to 16 controllers daisy chain looping per bus.

### ■ External Watchdog Function

All S2100 control panel are equipped with external watchdog function.

### ■ Minimum Support

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

### ■ Support Various Reader Technologies

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

### ■ Can Connect Up To 256 Controllers

Can connect up to 256 control panels or maximum of 512 doors via EntryPass PC Communicator.

# Technical Specification

Dimensions(With Metal Casing)	: 30cm W X 30cm L X 8.5cm H (1' W X 1' L X 0.29' H)
Dimensions (PCB Only)	: 13 cm W X 6.5cm L
Weight (With Metal Casing)	: Approx. 4Kg
Memory	: 128K Flash Memory : 128KB SRAM
MCU Speed	: 24 MHz
Card Users	: 1,500
Transaction Events	: 3,000
Digital Input	: 4
Relay Output	: 2
6 Digits Local Pin	: 3 Sets
Time Set	: 255
Time Zone	: 255
Access Level	: 255
Holidays	: 60
Facility Codes	: 3 Sets
Power Protection	: Resettable Fuse
Surge Protection	: Yes (Up To 20kA)
Built In Real Time Clock	: Yes
Built In Calendar	: Yes
Internal Back Up Battery	: Yes
On Board Buzzer	: Yes
Support LCD Display	: Yes
Maximum Door Open/Release Time	: 99 Sec
Allowed Arm/Disarm Delay Time	: 99 Sec
Allowed Siren On/Off Time	: 99 Sec
Auto Lock Release By Time Zone	: Yes
Exit Button Control By Time Zone	: Yes
Access Mode By Time Zone	: Yes
Support Card Expiring Setting	: Yes
Support Controller Programming Mode	: Yes
Data Download/Upload Via PC	: Yes

## System Architecture

