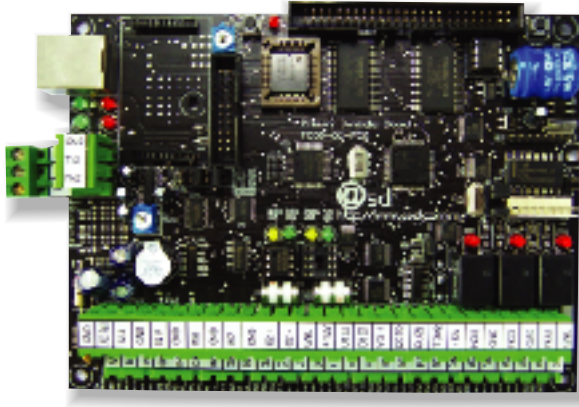


EP.S2000 2 Readers Controller



Overview

S2000 Controller

EntryPass S2000 is an access control and alarm monitoring controller which allow users to communicate via RS232 and RS485.

S2000 comes with 10,000 card users and 15,000 events memory, 4 supervised alarm inputs and an alarm relay outputs. Time schedule or card arming/disarming is possible now.

The S2000 is dual reader controller which allow user to configure as 1 door, 2 doors or even car park mode.

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, HID iCLASS and etc...

Model No

EP.S2000.PCB 2 Doors Hybrid Controller (Board only)

EP.S2000.PSU 2 Doors Hybrid Controller c/w Power Supply Unit

Key Features

Two Doors Configuration

S2000 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

S2000 supports a minimum of 10,000 card users and 15,000 events memory.

I/O Functions Available

S2000 are built in with 4 digital inputs, 4 supervised inputs and 3 relay outputs.

Various Communication

S2000 support both RS232 and RS485 communication. RS232 allow point to point communication whereas RS485 allow up to 16 controllers daisy chain looping per bus.

IP Address Setting

All S2000 controller is programmable and via IP address.

External Watchdog Function

All S2000 controller 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

S2000 controller 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 128 controllers or maximum of 256 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)	General Purpose Output (Time Control)	: Yes (One Door Mode)
Dimensions (PCB Only)	: 16cm W X 12cm L	Built In Real Time Clock	: Yes
Weight (With Metal Casing)	: Approx. 4.5Kg	Built In Calendar	: Yes
Memory	: 128k Flash Memory 1MB RAM (Expandable Up To 16 MB)	Internal Back Up Battery	: Yes
MCU Speed	: 16 bits 24 MHz	On Board Buzzer	: Yes
Card Users	: 10,000	Support LCD Display	: Yes
Transaction Events	: 15,000	Access Limit	: Yes
Supervised Input	: 4	Maximum Door Open/Release Time	: 99 Sec
Relay Output	: 3	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	Alarm Mode Control By Time Zone	: Yes
Holidays	: 60	Access Mode By Time Zone	: Yes
Facility Codes	: 3 Sets	Support Card Expiring Setting	: Yes
Power Protection	: Resetable Fuse	Support Controller Programming Mode	: Yes
Surge Protection	: Yes (Up To 20kA)	Data Download/Upload Via PC	: Yes

System Architecture

