

EP.S3100 Door Control Panel

HIGH PERFORMANCE

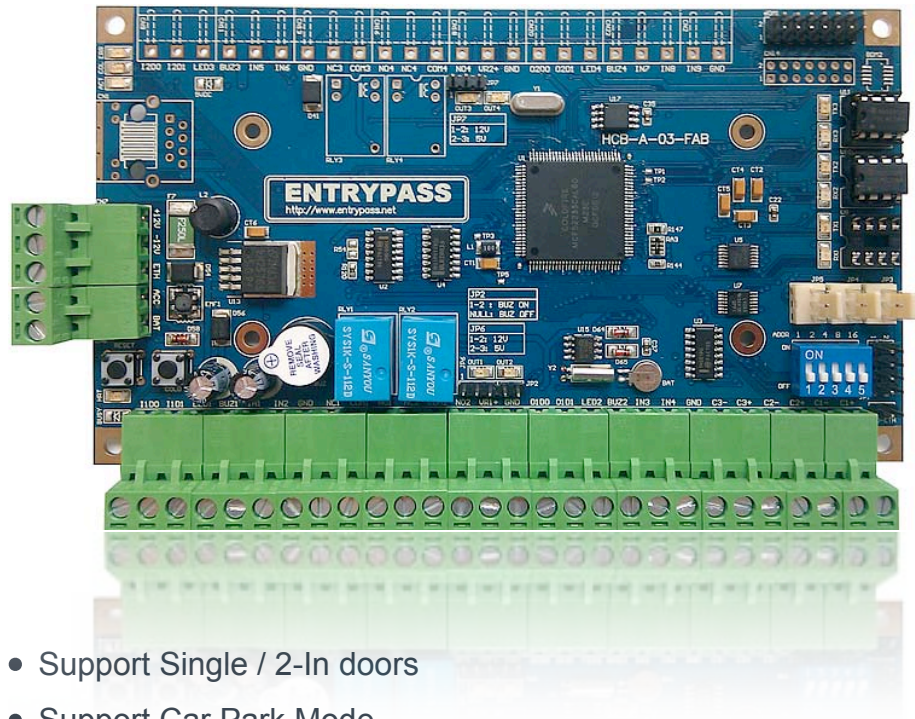
Based on the latest HCB (Hybrid Compact Board), S3100 is a high reliability, high efficiency and highly integrated intelligent multi-application control panel targeted for physical access control industry. It features a 32bits Freescale ColdFire microcontroller running at 60MHz, this control panel can fulfill most demanding requirement in physical access control environment.

MULTI-COMMUNICATION

3 onboard RS-232 / RS-485 user configurable serial communication ports for server communication and 3rd party integration purposes.

DOOR INTERLOCKING

2 In doors interlocking within the control panel, no external wiring is needed. Cross-board interlocking is achievable by acquiring the interlocking signal coming from second control panel before granting the accessibility to the local controller.



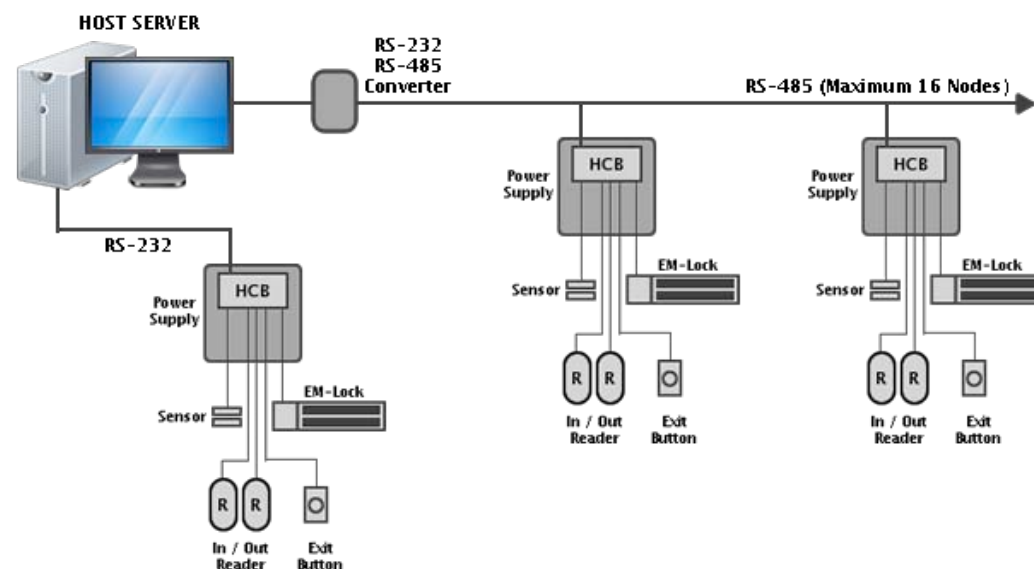
- Support Single / 2-In doors
- Support Car Park Mode
- Compatible with various reader technologies
- RS-485 / RS-232 communication ports
- Configurable Digital / Supervised inputs (4)
- Quick terminal plug-in connectors
- Firmware upgrade via server
- Reader Output Control
- AC Fail Monitoring
- Battery Monitoring

Ordering Information

EP.S3100.PCB
EP.S3100.PSU

Entrypass 2 Readers Serial Door Control Panel Only
Entrypass 2 Readers Serial Door Control Panel with Power Supply Unit

Basic System Diagram



ACCESSORIES



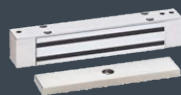
Biometrics Reader



RFID Reader



Magnetic Sensor



EM Lock

Technical Specification

MCU	32bits @ 60MHz
Memory	<ul style="list-style-type: none"> • 256K Flash Memory • 32K SRAM (Buffer) • 32Mbits Non-Volatile SPI Flash Memory (Storage)
Card Holder	3,000
Event Transaction	10,000
Digital/Supervise Inputs	Max. 4, User configurable (Door Sensor/Request-To-Exit/Fire Input/General Purpose)
Digital Output	Max. 2 Dry contact Relay
Onboard Real Time Clock	Yes
Serial Communication Port	3 - RS232/RS485 User Configurable
Power Protection	Resettable Fuse - 2.5A
Surge Protection	TVS - Up to 15KVA
Onboard LED Control	Power / Communication / LAN / Event / Error
Onboard Buzzer	1
AC Fail Monitoring	Yes
Battery Monitoring	Yes (Firmware threshold control to shutdown control panel)
External Short Circuit Protection	At readers
Backup Battery	Yes, Apply to RTC only

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