

EP.S3150

Serial Communication Control Panel

Features

- Support Single door / 2-IN doors mode
- Support Barrier Mode (Support Turnstiles mode)
- Compatible with various Reader Technologies
- RS-485 / RS-232 Communication Ports
- 4 Configurable Digital / Supervised inputs
- Quick Terminal Plug-in Connectors
- Dynamic Operation Profile
- Firmware Upgrade Via Server
- Reader Output Control
- AC Fail Monitoring
- Battery Monitoring
- Onboard & Cross-Board Door Interlocking
- Support 5,000 Users And 10,000 Events Memory



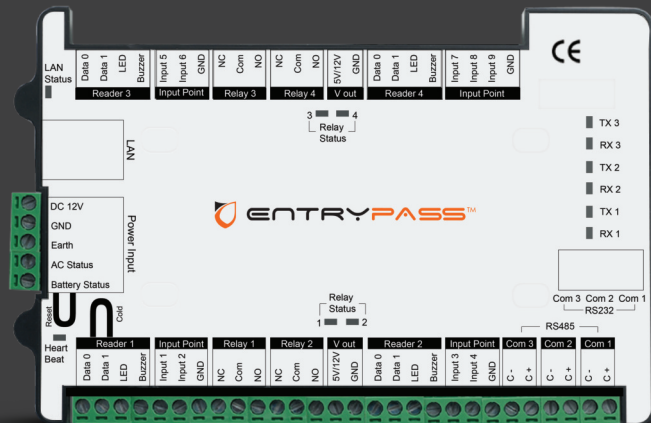
High Performance

Based on the latest HCB (Hybrid Compact Board), S3150 provide great reliability, immense integrated efficiency and highly 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.



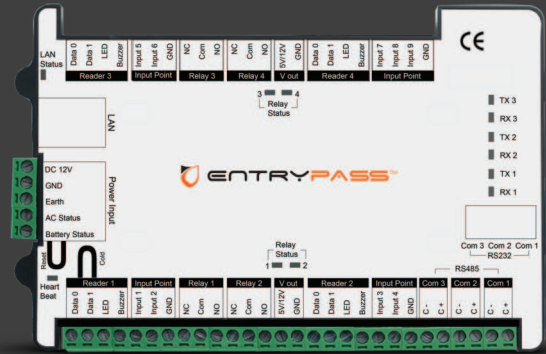
Door Interlocking

2 IN doors mode 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.



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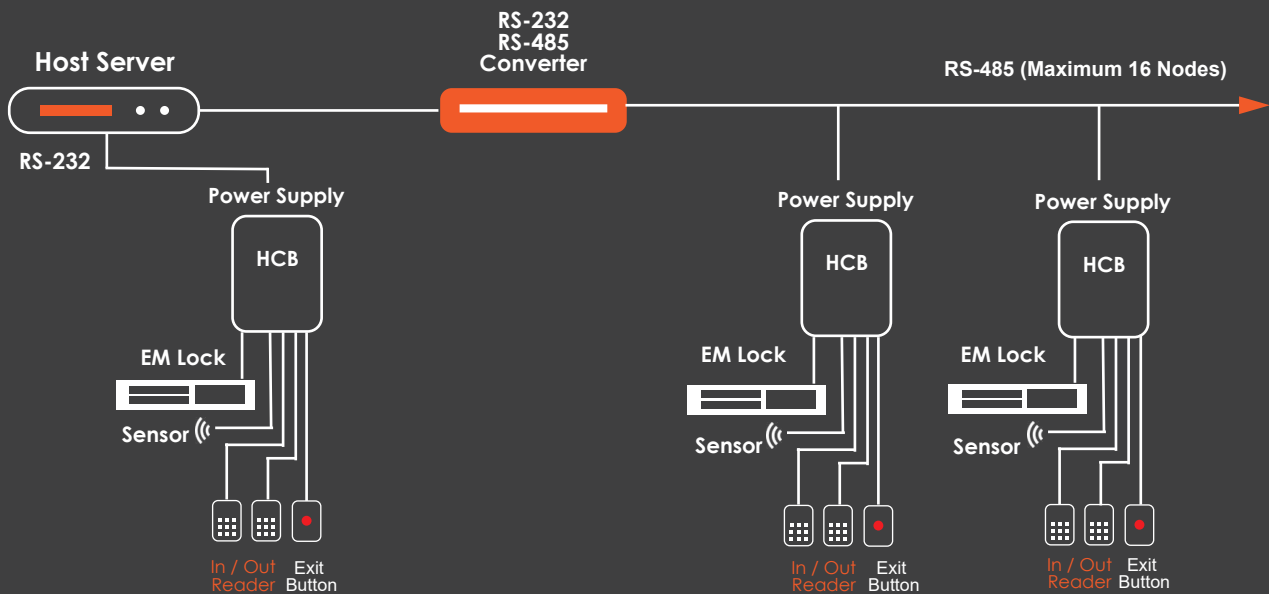
Technical Specification

Dimension	EP.S3150.PCB	158mm (W) x 90mm (H)
	EP.S3150.PSU	289mm (W) x 309mm (L) x 85mm (H)
MCU	32bits @ 60MHz	
Memory	256K Flash Memory	32K SRAM (Buffer) 64Mbits Non-Volatile SPI Flash Memory (Storage)
Operating Temperature	0 °C to 40 °C	
Card Holder	5,000	
Event Transaction	10,000	
Access Level	255 Sets	
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	RS232/RS485 User Configurable	
Power Protection	Resettable Fuse - 2.5A	
Surge Protection	TVS - Up to 15KVA	
Onboard LED Control	Power / Communication / 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	
On Board Battery	Apply to RTC only	

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Basic System Diagram



Ordering Information

EP.S3150.PSU

Entrypass 2-Reader Serial Control Panel
c/w 4 Supervised Input and 2 Dry Contact Relay Output and PSU with casing

EP.S3150.PCB

Entrypass2-Reader Serial Control Panel
c/w 4 Supervised Input and 2 Dry Contact Relay Output, PCB only



www.entrypass.net

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