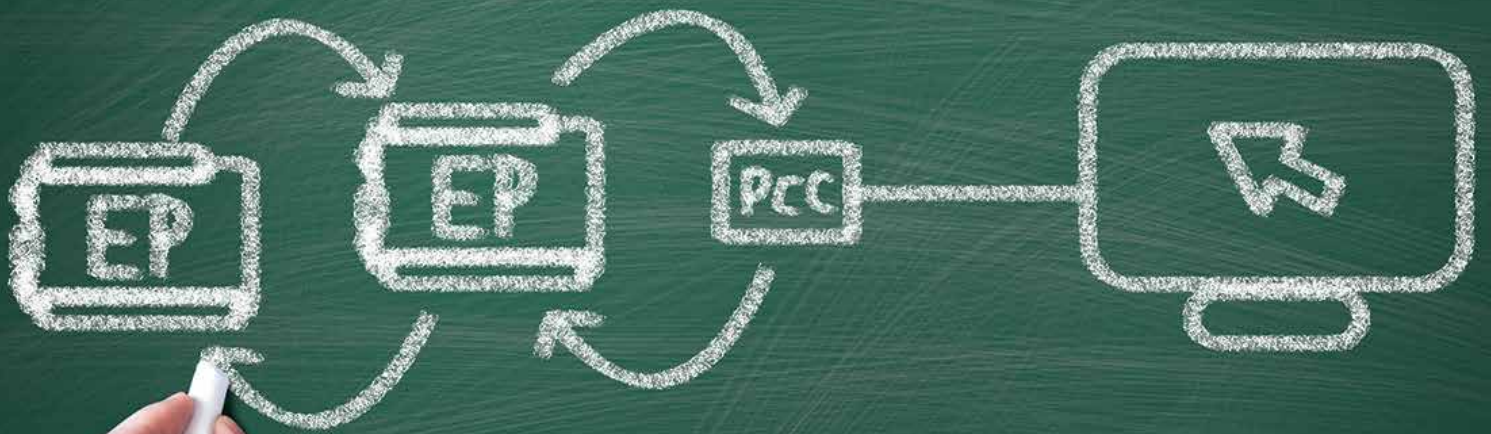


S3100

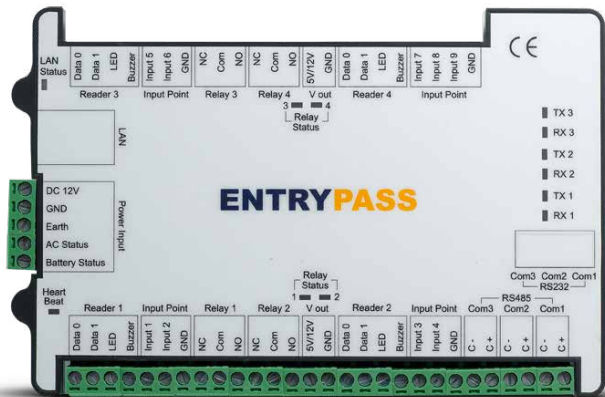
Serial Communication Control Panel



Still an important and relevant system today, EntryPass Serial Communicators enables transmission of information between computers or between computers and peripheral devices one bit at a time over a single line, either synchronous or asynchronous. Our range of Serial Communication devices varies from integrated controllers with built-in readers to advanced 4 readers control panel and even hybrid input/output control panels to suit your specific needs and requirements.

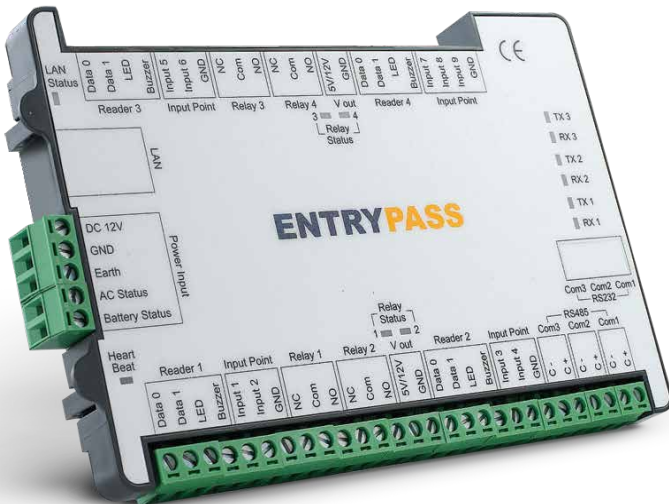


S3100 Serial Communication Control Panel



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.



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.

Feature Highlight

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

Dynamic Operation Profile

Firmware Upgrade Via Server

Reader Output Control

AC Fail Monitoring

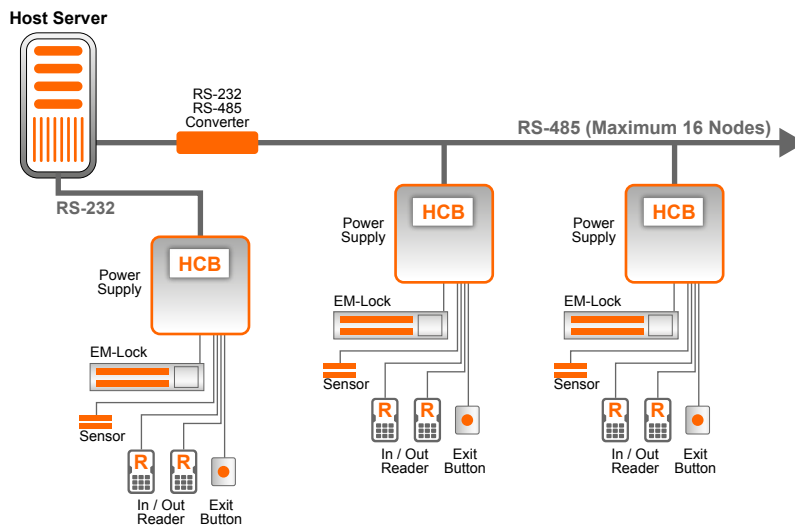
Battery Monitoring

Onboard & Cross-Board Door Interlocking

Support 3,000 Users And 10,000 Events Memory

S3100 Serial Communication Control Panel

Basic System Diagram



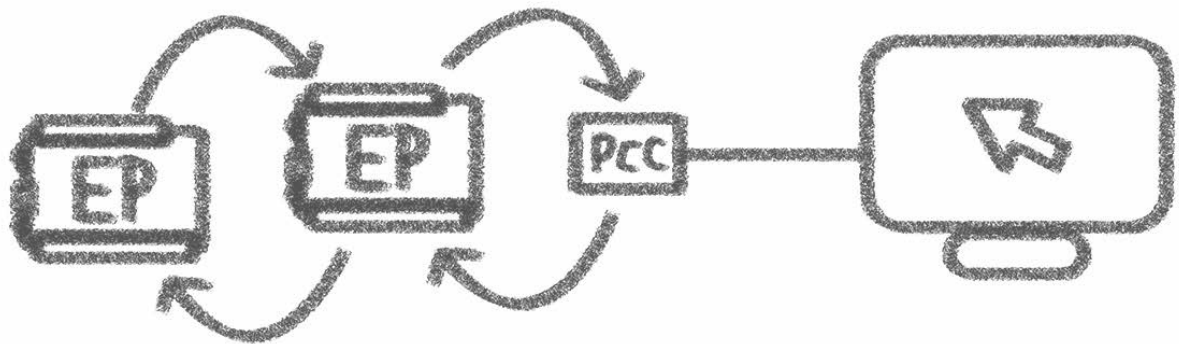
Technical Specification

| Hardware | Description |
|-----------------------------------|---|
| Dimension | 158mm (w) x 90mm (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 | 3,000 |
| 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 |
| Backup Battery | Yes, Apply to RTC only |

Ordering Information

| | |
|--------------|---|
| EP.S3100.PCB | EntryPass 2 Readers Advanced Serial Door Control Panel Only |
| EP.S3100.PSU | EntryPass 2 Readers Advanced Serial Door Control Panel with Power Supply Unit |

S3100 Serial Communication Control Panel



www.entrypass.net

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A securityhub group company

