

EP.N5200

Active Network Control Panel

Features

- Support Single Door / 2 Doors
- Support Car Park Mode
- Support Dynamic Reader Location
- Compatible with Various Reader Technologies
- ActiveTransmit & ActiveDownload
- Peer To Peer Global Anti-Passback
- Configurable Digital / Supervised inputs (8)
- Event Based Triggering (EBT)
- Unlimited Access Level
- User Counting (Card Holder / Car Park)
- Onboard & Cross-Board Door Interlocking
- Dynamic Operation Profile
- Advance Encryption Standard (AES)
- Reader Output Control
- Support 30,000 Users And 80,000 Events Memory



High Performance

Based on the latest HCB (Hybrid Compact Board), N5200 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.



Active Transmit

Rather than keeping the event data in the memory awaiting for host-PC to poll, controller will actively transmits the current event data to the host server as it happens, meaning events get delivered and can be act upon faster.



Door Interlocking

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

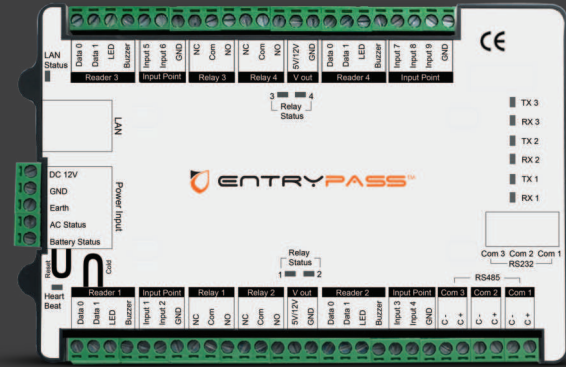


Built In Web Server

Built-in web server where network configuration such as IP address, subnet mask, server IP can be easily done upon login. No more factory programming needed as the firmware can be upgraded via the on-board web server.

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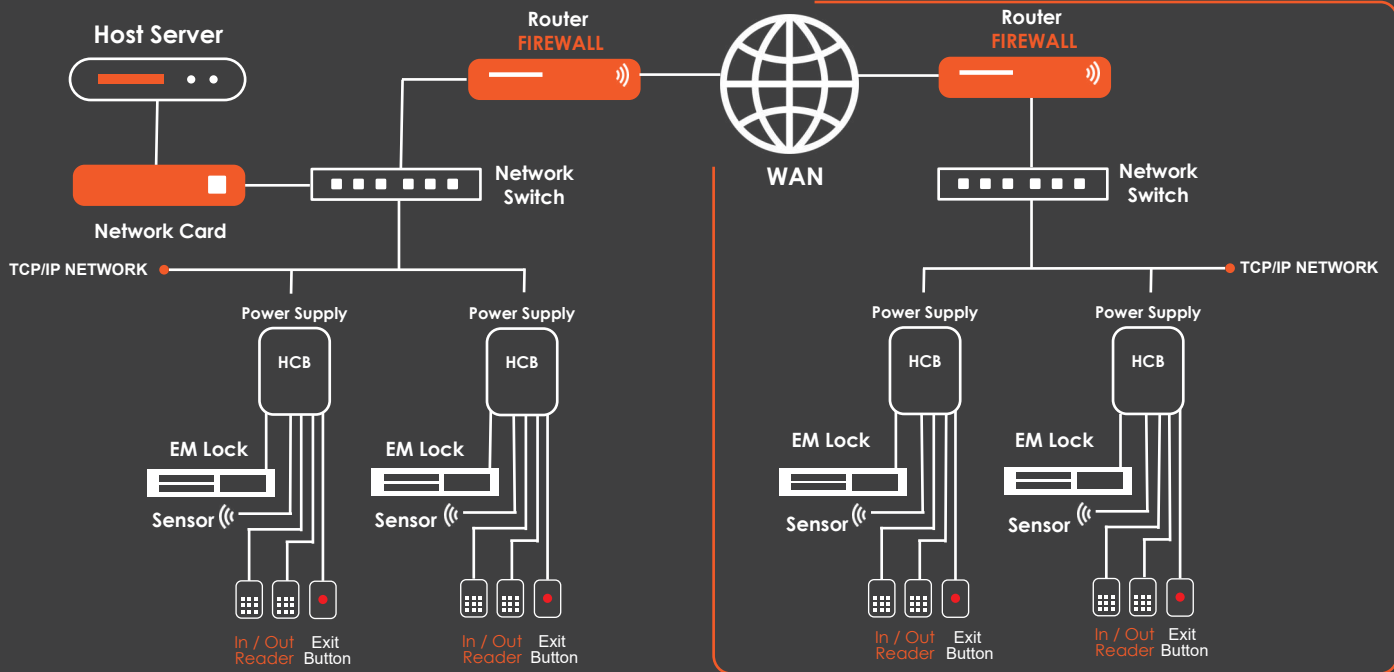
Technical Specification

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	30,000
Event Transaction	80,000
Access Level	Unlimited Access Level
Digital/Supervise Inputs	Max 8, User configurable (Door Sensor/Request-To-Exit/Fire Input/General Purpose)
Digital Output	Max. 4 Dry contact Relay
Reader Communication Port	Wiegand / OSDP
Network Communication Port	RJ-45 Self-Negotiate 10/100mbps
Power Protection	Resettable Fuse - 2.5A
Surge Protection	TVS - Up to 15KVA
Onboard LED Control	Power / Communication / LAN / Event / Error
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.N5200.PCB

Entrypass 2-Reader Active Network Control Panel
c/w 8 Supervised Input and 4 Dry Contact Relay Output, PCB only

EP.N5200.PSU

Entrypass 2-Reader Active Network Control Panel
c/w 8 Supervised Input and 4 Dry Contact Relay Output and PSU with casing



www.entrypass.net

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