

N5200

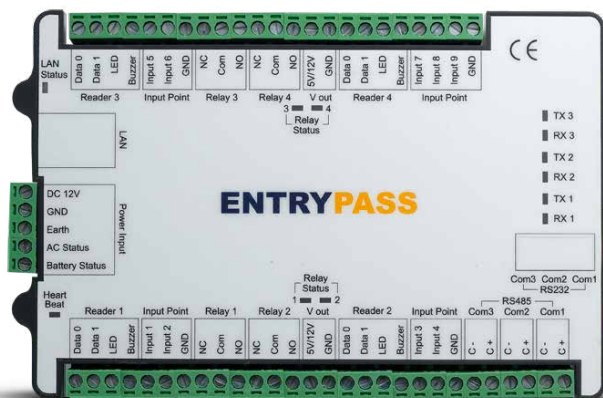
Active Network Control Panel



EntryPass Active Networks are designed to enhance highly customized and rapid 'real-time' changes to the underlying network operation. Brilliantly engineered with all the power you need to enable code-sending, minus unnecessary buffer time with its distributed architecture capable of processing access demand at the edge level without leveraging at the server end.



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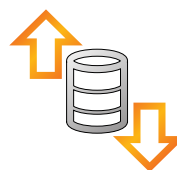
HIGH PERFORMANCE

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.



DYNAMIC STORAGE ALLOCATION (DSA)

DSA empower system administrator to modify the factory preset card holder and event storage database whenever necessary. Result of such modification leads a more personalized usage of the control panel memory whenever needed.



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.



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.

Feature Highlight

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

Onboard & Cross-Board Interlocking

User Counting (Card Holder / Car Park)

Advance Encryption Standard (AES)

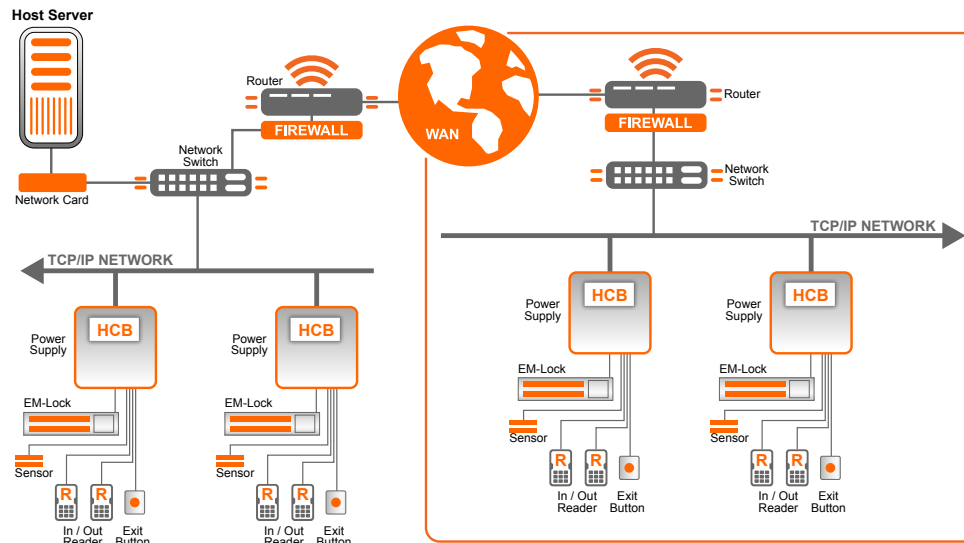
Reader Output Control

Dynamic Operation Profile

Support 30,000 Users And 80,000 Events Memory

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Basic System Diagram



Technical Specification

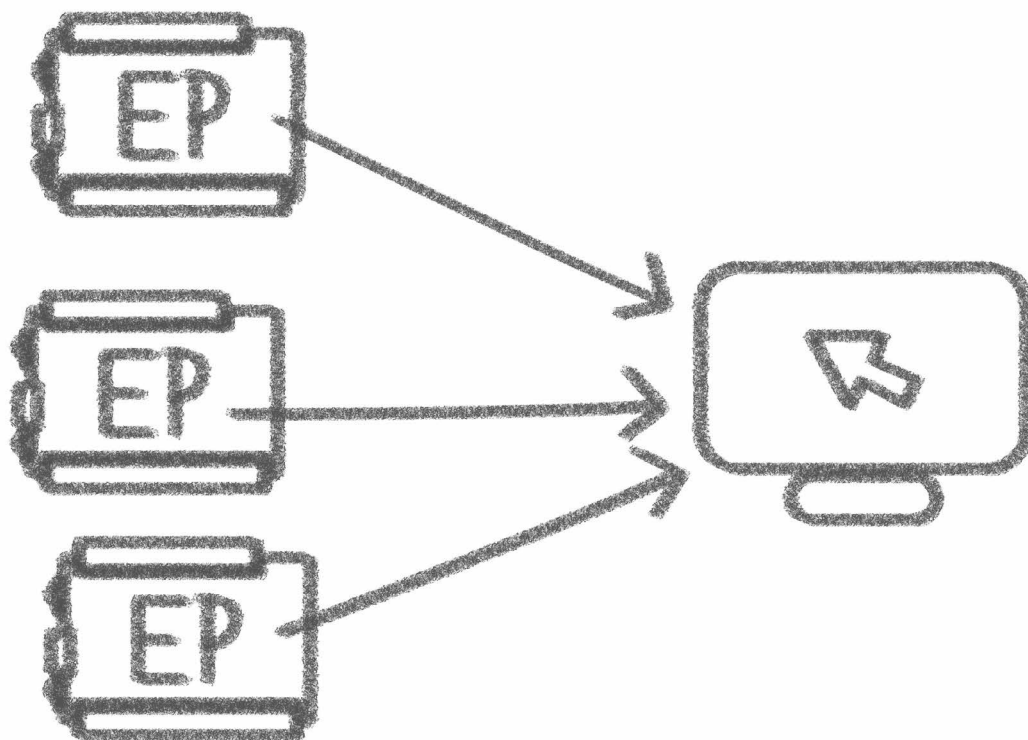
Hardware	Description
Dimension	158mm (w) x 90mm (H)
MCU	32bits @ 60MHz
Memory	256K Flash Memory 32K SRAM (Buffer) 64Mbits Non-Volatile SPI Flash Memory (Storage)
Operating Temperature	0 °C to 40 °C
Card Holder	30,000
Event Transaction	80,000
Access Level	Unlimited Access Level
Digital/Supervise Inputs	Max 8, User configurable (Door Sensor/Request-To-Exit/Fire Input/General Purpose)
Digital Output	Max. 4 Dry contact Relay
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
Backup Battery	Yes, Apply to RTC only
POE	Optional*

Ordering Information

EP.N5200.PCB	EntryPass 2 Readers Advanced Network Door Control Panel only
EP.N5200.PSU	EntryPass 2 Readers Advanced Network Door Control Panel with Power Supply Unit
EP.N5200.POE*	EntryPass 2 Readers Advanced Network Door Control Panel with POE Power Supply Unit

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www.entrypass.net

Malaysia

No. 40, Jalan TPP 1/10, Taman
Industri Puchong, Batu 12 Jalan
Puchong, 47160 Puchong
Selangor Darul Ehsan, Malaysia.
Tel : +603 8068 1929
Fax : +603 8062 6937
Email : info@entrypass.net

Singapore

No. 1, UBI View, #03-03, Focus
ONE Building, Singapore 408555.
Tel : +65- 6841 7242
Fax : +65- 6841 3937
Email : info@entrypass.net

Indonesia

Rukan Puri Mutiara,
Block BF No.17, Jln Griya Utama,
Sunter Agung, Jakarta Utara,
14350, Indonesia.
Tel : +62 21 2937 6098
Email : indonesia@entrypass.net