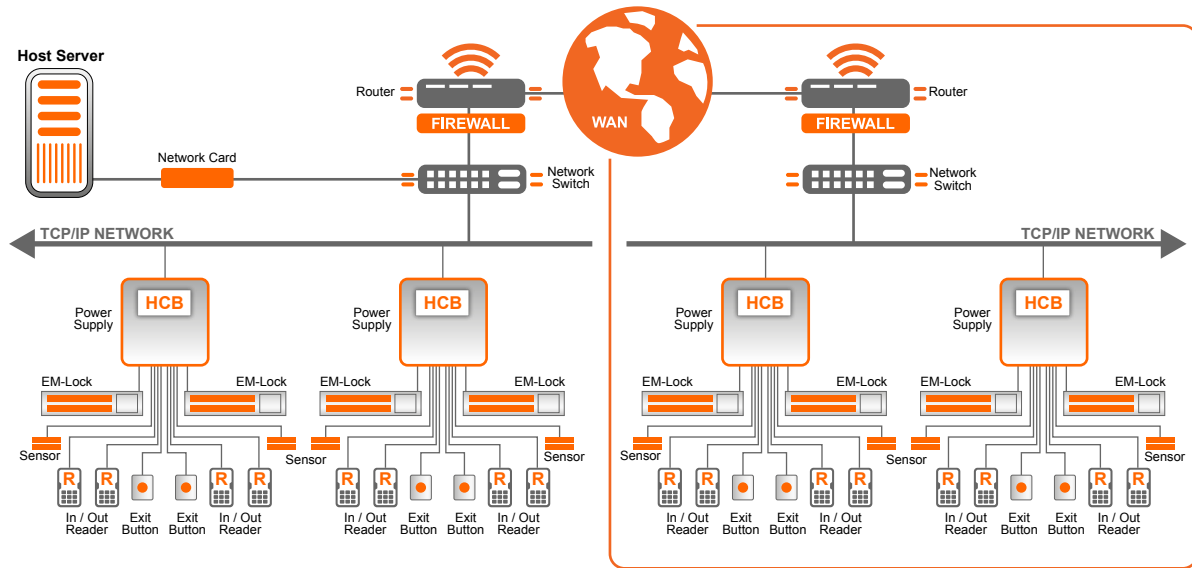# N5400

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.
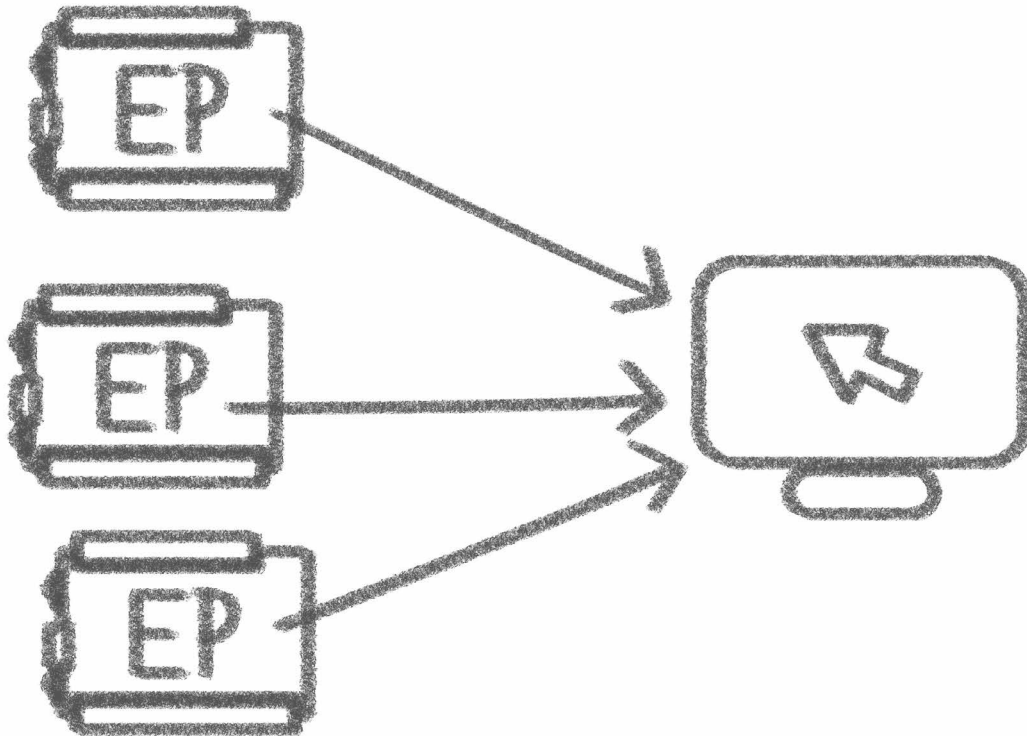
ENTRYPASS™

N5400 Active Network Control Panel

HIGH PERFORMANCE

Based on the latest HCB (Hybrid Compact Board), N5400 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/Out door or 4-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 Doors / 2 Doors / 4-In doors	Unlimited Access Level
Support Car Park Mode	Onboard & Cross-Board Interlocking
Support Dynamic Reader Location	User Counting (Card Holder / Car Park)
Compatible with Various Reader Technologies	Advance Encryption Standard (AES)
ActiveTransmit & ActiveDownload	Reader Output Control
Peer To Peer Global Anti-Passback	Dynamic Storage Allocation
Configurable Digital / Supervised Inputs (8)	Dynamic Operation Profile
Event Based Triggering (EBT)	Support 30,000 Users And 80,000 Events Memory

N5400 Active Network 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	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

Ordering Information

EP.N5400.PCB   Entrypass 4 Readers Advanced Network Door Control Panel only
EP.N5400.PSU   Entrypass 4 Readers Advanced Network Door Control Panel with Power Supply Unit

ENTRYPASS™

TOTAL   CONTROL   IN   YOUR   HAND

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