

# EP.N5400 Active Network Control Panel

## HIGH PERFORMANCE

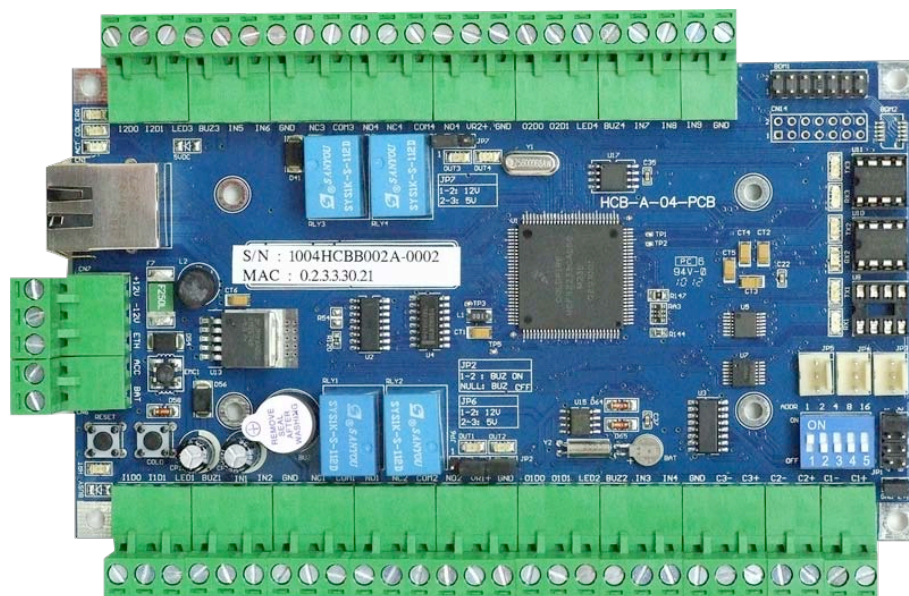
Based on the latest HCB (Hybrid Compact Board), N5400 is a high reliability, high efficiency and highly integrated intelligent multi-application control panel targeted for physical access control industry. It features a 32bits Freescale ColdFire microcontroller running at 60MHz, this control panel can fulfill most demanding requirement in physical access control environment.

## 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.

## 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.



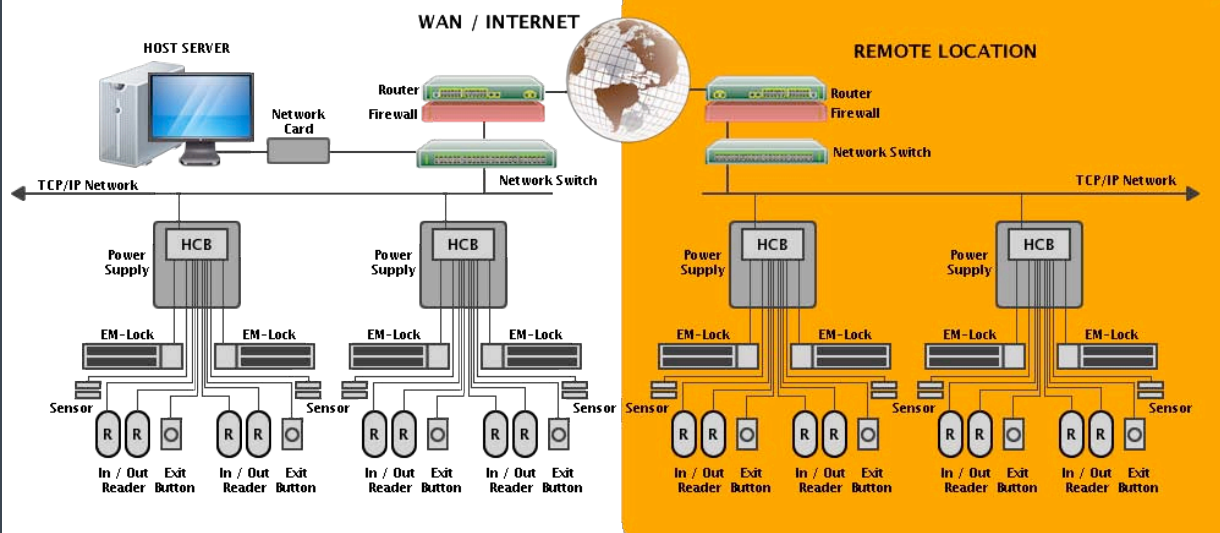
- Support Single Doors / 2 Doors / 4-In doors
- Support Dynamic Reader Location
- Support Car Park Mode
- Compatible with various reader technologies
- ActiveTransmit & ActiveDownload
- Peer To Peer Global Anti-Passback
- Configurable Digital / Supervised inputs (8)
- Unlimited Access Level
- Onboard & Cross-Board Interlocking
- User Counting (Card Holder / Car Park)
- Reader Output Control

## Ordering Information

EP.N5400.PCB  
EP.N5400.PSU

Entrypass 4 Readers Advanced Network Door Control Panel only  
Entrypass 4 Readers Advanced Network Door Control Panel with Power Supply Unit

## Basic System Diagram



### ACCESSORIES



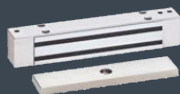
Biometrics Reader



RFID Reader



Magnetic Sensor



EM Lock

### Technical Specification

MCU	32bits @ 60MHz
Memory	<ul style="list-style-type: none"> <li>• 256K Flash Memory</li> <li>• 32K SRAM (Buffer)</li> <li>• 64Mbits Non-Volatile SPI Flash Memory (Storage)</li> </ul>
Card holder	30,000
Event Transaction	80,000
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	1 - 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

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