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.
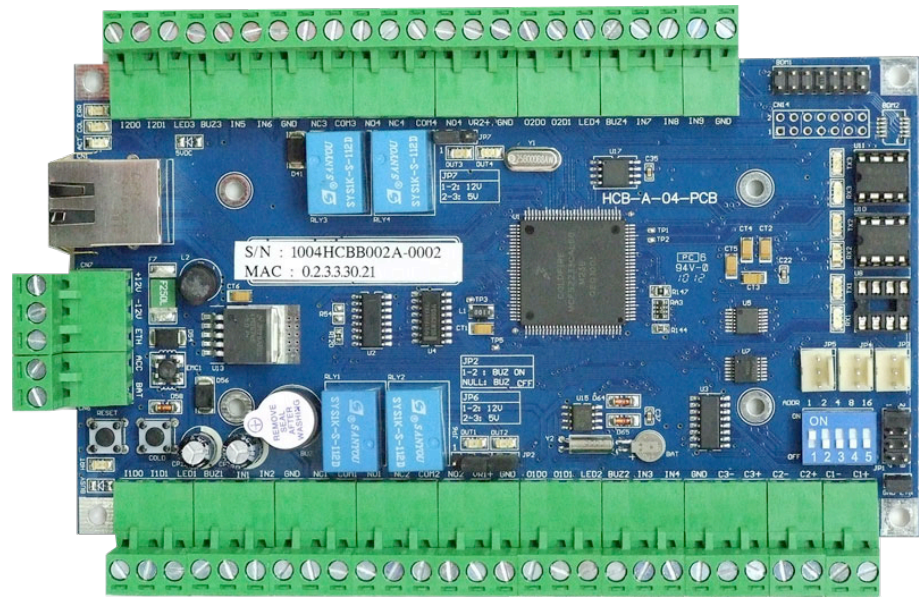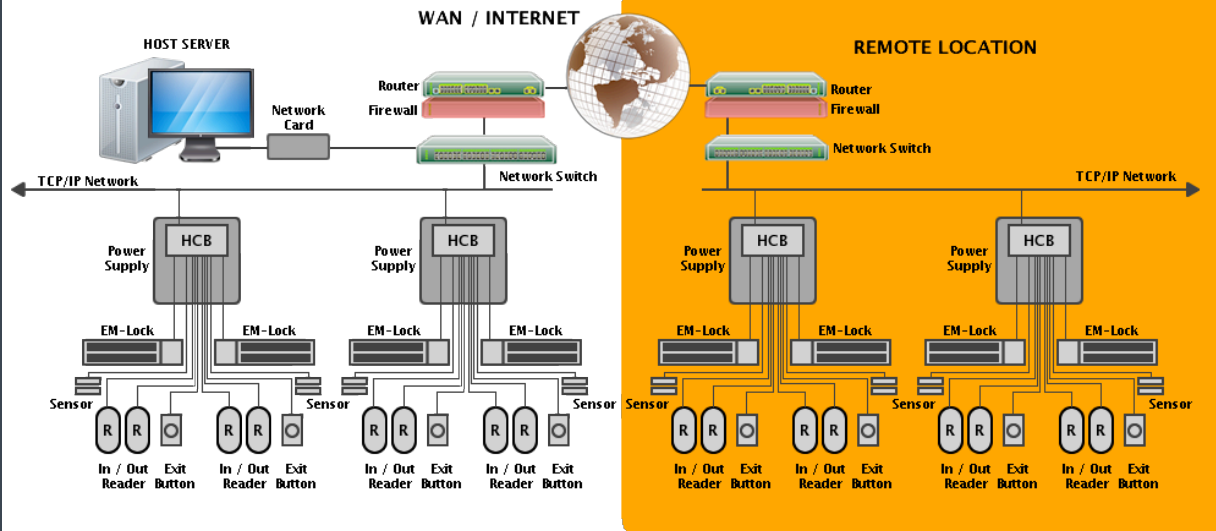

- Support Single Doors / 2 Doors / 4-In doors
- Support Dynamic Reader Location
- Support Car Park Mode
- Compatible with various reader technologies
- ActiveTransmit & ActiveDownload
- Peer To Peer Global Anti-Passback
- Configurable Digital / Supervised inputs (8)
- Unlimited Access Level
- Onboard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

Ordering Information

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

Basic System Diagram
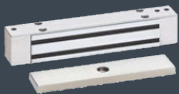
Technical Specification	
MCU	32bits @ 60MHz
Memory	• 256K Flash Memory • 32K SRAM (Buffer) • 64Mbits Non-Volatile SPI Flash Memory (Storage)
Card holder	30,000
Event Transaction	80,000
Digital/Supervise Inputs	Max. 8, User configurable (Door Sensor/Request-To-Exit/Fire Input/General Purpose)
Digital 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