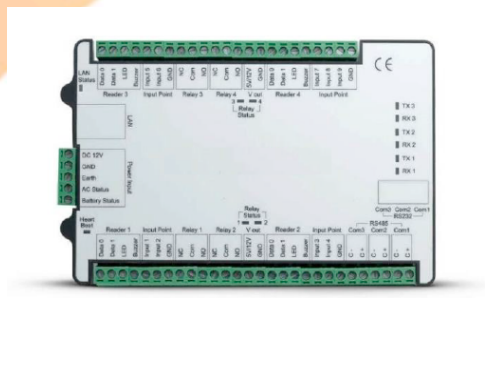




## RHS N5200 Network Control Panel

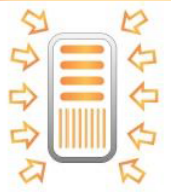
SKU#: RHS-ACS-N5200



Our range of control panels enables you to design floor-by-floor elevator access control to the cardholders, letting you customize access level for individual cardholder depending on your company policies. Depending on need, you have the power to control accessibility from 8 floors to 136 floors. What's more, you can choose to utilize the our hybrid control panel that comes with both serial and active network communication interface to cater to any installation you already have, making integration easier for you.

## 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
- Onboard & Cross-Board Interlocking
- User Counting (Card Holder / Car Park)
- Advance Encryption Standard (AES)
- Reader Output Control
- Dynamic Storage Allocation
- Dynamic Operation Profile
- Support 30,000 Users And 80,000 Events Memory



### Active Transmit

Rather than keeping the event data in the memory waiting for host-PC to poll, HIO actively transmit the current event data to the host server as it happens, meaning events get delivered and can be act upon faster. (Only when the HIO is polled via TCP/IP protocol



### Built-in Web Server

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



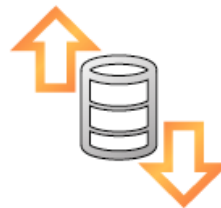
### Door Interlocking

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.



### High Performance

Based on the latest HCB (Hybrid Compact Board), N5100 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.

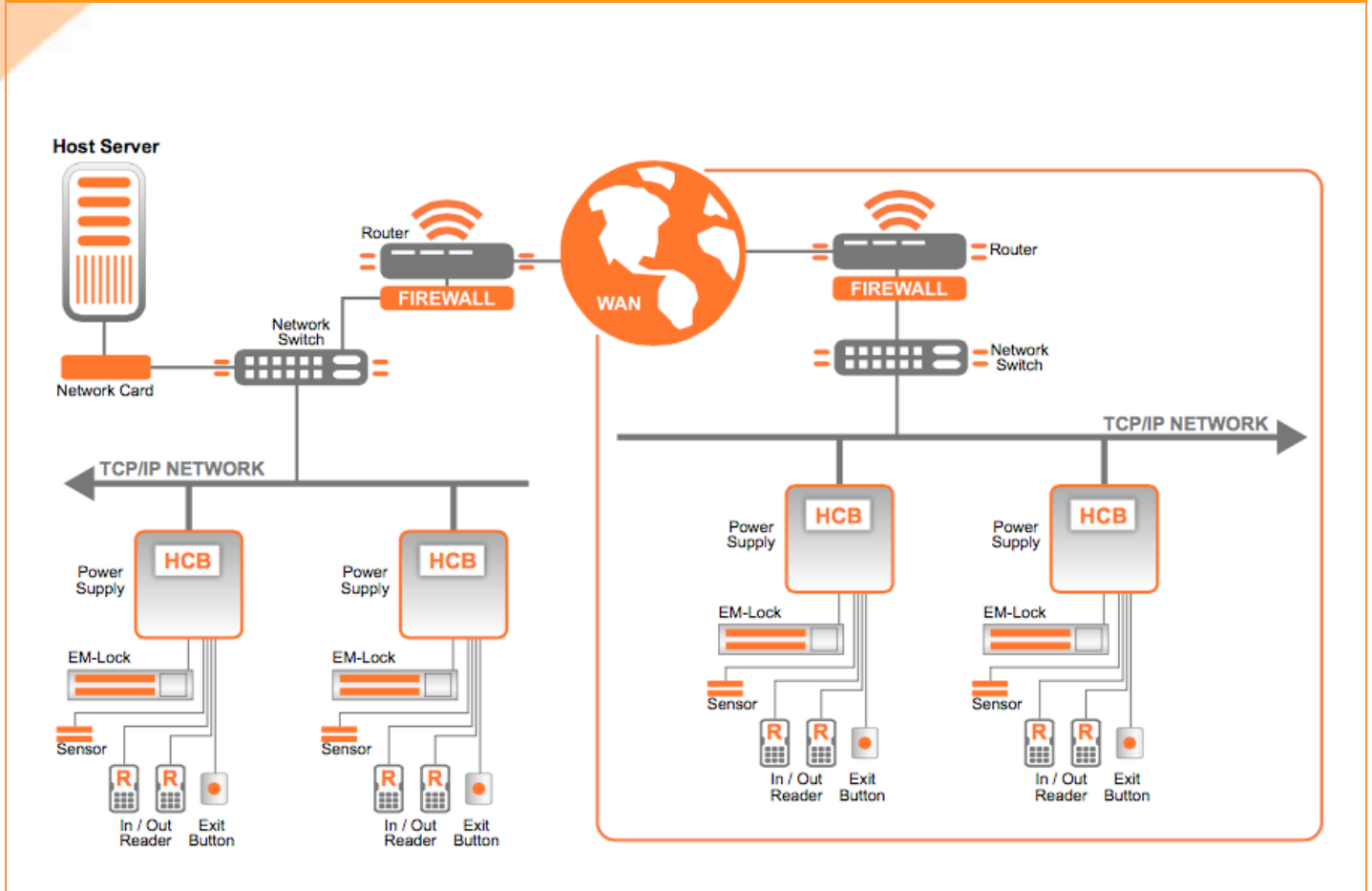


### Dynamic Storage Allocation (DSA)

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



## Basic System Diagram





## SPECIFICATIONS

### 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 LEF 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