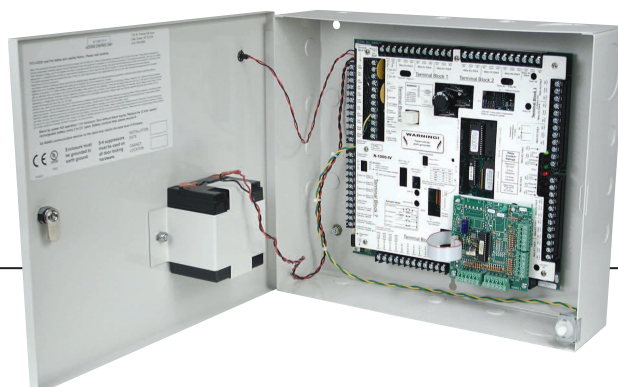


N-1000

Series Controllers



Versatility, reliability and expandability are the three main features that make the N-1000 one of the most popular access control panels ever.

Expandability is the most important feature of any access control system. The N-1000 can operate as a standalone two or four door controller, and up to 31 N-1000's may be connected on an RS485 drop-line as needs increase.

Using WIN-PAK™ access control software, a total system is achieved by having each drop-line connected to a communication port, modem or ethernet terminal server. The N-1000 is designed to operate off-line, making access control decisions independently from a PC or other controlling device. It can also be connected to a host computer for system configuration, alarm monitoring and

direct control. Connectivity to the host computer is accomplished via direct serial communication (RS232 or RS485), dial-up modem or TCP/IP network connection.

Another key feature of the N-1000 is its completely distributed database. All information regarding cards, time zones, relay control and alarm points is loaded into the N-1000's memory, enabling the unit to operate completely independently of any other equipment.

The N-1000-IV-X allows for a card database of 25,000 cards and a transaction buffer capable of storing 6,600 transactions.

FEATURES

- Four reader control panel (N-1000-IV)
- Supports all major reader technologies and 16-digit ABA card formats
- Distributed database for independent operation
- Operates in remote site configurations with dial-up (requires M-56K and N-485-HUB-2) or leased lines
- N-1000-IV-X: 25,000 card memory
N-1000-IV: 5,000 card memory
- N-1000-IV-X: 6,600 buffers
N-1000-IV: 10,200 buffers
- RS485 and 20 mA legacy communications are jumper selectable
- Compatible with the N-1000-III
- 16 supervised alarm inputs. Separate inputs for tamper switch and primary power fail monitoring
- DPDT Form C relays; four on N-1000-IV, eight on N-1000-IV-X
- 63 time zones to control card access, relays and alarm points
- Relays are "time-programmable" for automatic control
- 12 VDC battery backup
- 12 VDC, 500 mA output for reader/IR devices
- Eight programmable card formats supported
- Preassembled, hinged, locking enclosure with battery and toggle switch
- UL294 listing/CE certification

N-1000

Series Controllers

RECOMMENDED COMPONENTS

Controllers:

- N-1000-IV four reader controller module
- N-1000-IV-X four reader controller module with four additional relay outputs and additional card capacity)

Communication Devices:

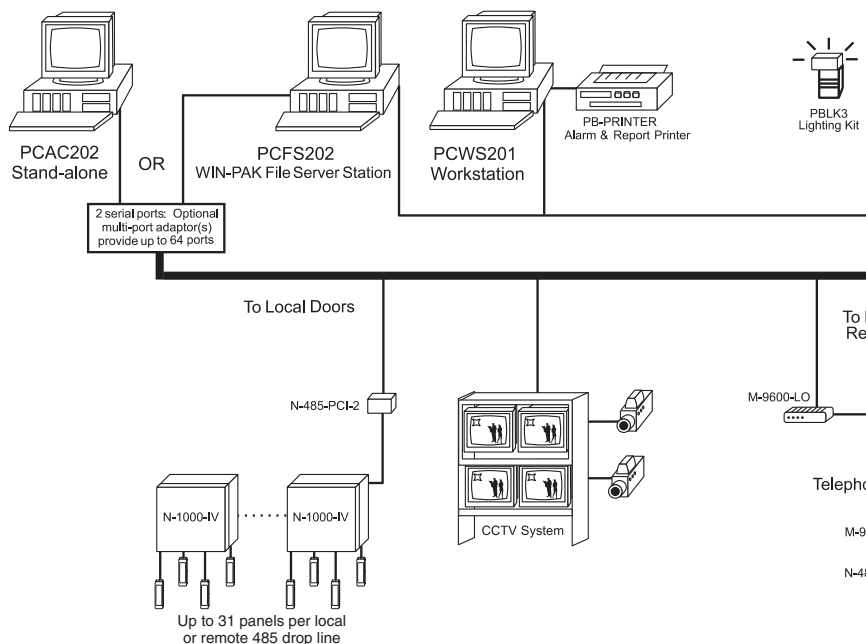
- N-485-PCI-2 - RS485 direct connect to PC comm port
- N-485-HUB-2 - RS485 remote dial-up application (RS232 modem to 485 drop line)
- N485PCI2L - Convert RS485 to 232 for LANSRLU1
- LAN485KIT - Converter includes RS485 and LAN interface

Readers:

- OmniProx Proximity Readers
- OMNI-10 (2-3" reader range)
 - OMNI-30 (4" reader range)
 - OMNI-40 (4" reader range)
- HID Proximity Readers
- PR-MAX-PRO (24" reader range)
 - PR-P-PRO (8" reader range)
 - PR-PROXPRO-K-2 (8" reader range, card/keypad reader)
 - PR-MINI-PROX (5" reader range)
- Indala Proximity Readers
- FP603 (4" reader range)
 - FP605 (4" reader range)
 - FP610 (10" reader range)
 - FP620 (24" reader range)
- Wiegand Reader
- CR-1 (Wiegand swipe reader)
- Magnetic Stripe Readers:
- NR-5 (track 2 reader)
 - NR-2-WR (track 1 reader) Keypads
 - KP10 switchplate 11 wire matrix
 - KP11 switchplate five wire Wiegand
 - KP12 mullion mount 11 wire matrix
 - KP13 mullion mount five wire Wiegand

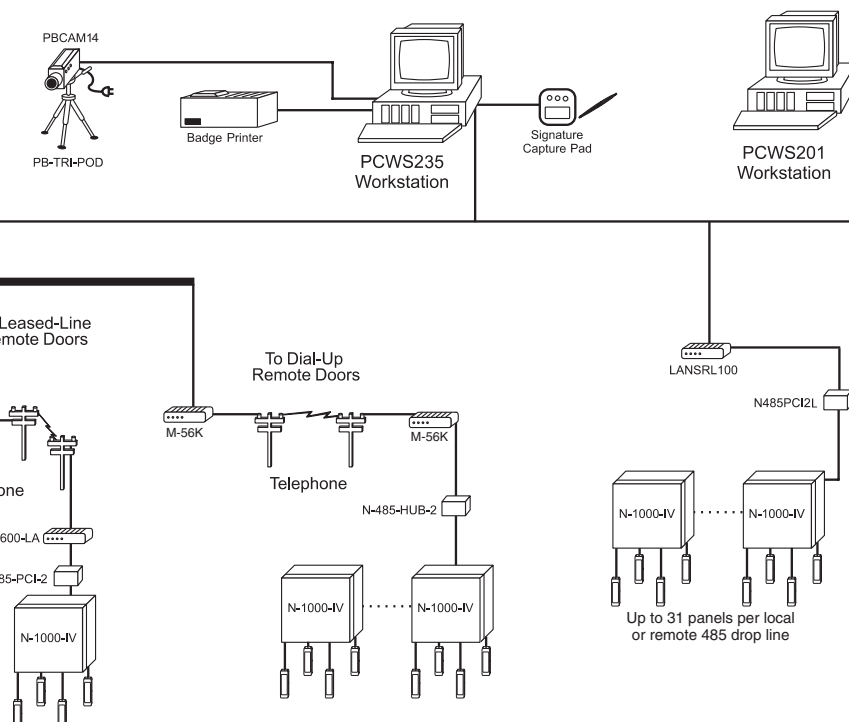
Credentials:

- HID Proximity Cards
- PX-4-H (34-bit)
 - PX-26-H (26-bit)
 - PVC-H-4 (34-bit for video badging)
 - PVC-H-4-26 (26-bit for video badging)
 - PVC-H-5 (34-bit with magnetic stripe for video badging)
- Motorola Proximity Cards
- PX-121-I (26-bit)
 - PVC-I-6 (26-bit with magnetic stripe for video badging)
 - PVC-I-7 (26-bit for video badging)
- Magnetic Stripe Cards
- NC-2 (32-bit standard)
 - PVC-M-2 (PVC card for video badging)
- Wiegand Cards
- SC-2 (26-bit with hot stamp number)
 - PVC-W-2 (26-bit with hot stamp number for video badging)
- Miscellaneous:
- X-4 power transformer for N-1000
 - S-4 suppressor kit for each active relay
 - BATT-replacement battery for N-1000-IV



BENEFITS

- Modular hardware architecture provides flexibility and expansion capabilities
- Large, local controller database allows access control decisions to be made by controller in real time without the need to communicate to the server
- Scalable architecture ensures optimal performance with a seamless upgrade path to accommodate future growth beyond its initial installation
- Supervised communication
- SuperCap instead of Lithium battery provides maintenance free backup of panel programming and data storage
- Optional support for TCP/IP protocols to allow intelligent controllers to tap into a LAN or WAN connectivity
- Supports multiple reader and card formats for maximum flexibility and security options
- Scalability makes the N-1000 very cost effective for all applications, from small to very large systems



N-1000

Series Controllers

SPECIFICATIONS

ORDERING

N-1000 Series Controllers

N1000K4	Kit N-1000-IV with enclosure, transformer, suppressors
N1000K4X	Kit N-1000-IV-X with enclosure, transformer, suppressors
N-1000-IV	Four reader controller module, four DPDT relays, 16 supervised inputs
N-1000-IV-X	Four reader controller module, eight DPDT relay outputs and additional card capacity

Hardwired communication devices for N-1000 series controllers

N-485-PCI-2	RS232 to RS485 single port converter
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Network communication devices for N-1000 series controllers

N485PCI2L	RS485 interface for LANSRLU1
LAN485KIT	Kit with LANSRLU1 and N485PCI2L

Dial-up communication devices for N-1000 series controllers

N-485-HUB-2	RS232/25 pin modem converter to RS485
M-56K	Dial-up modem

Miscellaneous

X-4	Power transformer for N-1000
S-4	Suppressor kit for each active relay
BAT-3	12V, 4A replacement battery

For more information: www.honeywell.com/security/uk

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