

Honeywell Access Systems



YOUR PARTNER OF CHOICE

Access Systems Product Guide 2006 - 2007

Honeywell

Welcome

Dear Valued Customer,

Honeywell Access Systems is pleased to present the 2006-2007 Edition of our Product Catalog. We are very proud that for over 20 years security professionals have selected us as their "Partner of Choice". We're excited to bring to you an extraordinary offering that includes proven products as well as brand new solutions you'll only get from Honeywell.

Controlling access to a facility is a critical component of managing business risk today. Honeywell offers comprehensive access control solutions ranging from entry level installations to sophisticated integrated security solutions that meet today's need for enhanced security. In this catalog you'll see how power meets simplicity with the newest releases of the Honeywell software family. WIN-PAK 2005 offers several new features but still maintains the flexibility to start small and grow as the system evolves. NStar has become one of the fastest growing systems in the market as its ease of installation, configuration and operation appeals to experienced and new access control dealers alike.

To complement its full line of access control systems, Honeywell offers truly integrated digital video solutions and interfaces to the leading third party video recorders and cameras. Honeywell's Professional Systems provides solutions for more complex applications through an advanced feature set. WIN-PAK PRO Central Station delivers a complete solution that your customers need while growing your recurring monthly revenue by putting access control and central station monitoring into one easy to use package.

A new addition to Honeywell family is our visitor management solution. The award winning LobbyWorks Visitor Management System provides a simple and effective way to register, badge, track and manage your facility's visitor traffic.

This catalog is designed for you, our customers. In addition to a full listing of access control products, you will find sections for badging systems, readers, credentials and other peripherals that will fit your wide range of installations and requirements. We have also included resources such as compatibility charts and configuration drawings that will make installing a Honeywell Access system easy.

We hope you find the new 2006-2007 Product Catalog helpful when ordering our products. Thank you again for the opportunity to be your "Partner of Choice".

Sincerely,

A handwritten signature in black ink, appearing to read "John Lorenty". The signature is fluid and cursive, with a large, sweeping "L" and "R".

John Lorenty
General Manager
Honeywell Access and Video Systems

Partner of Choice

Commitment

Honeywell wants to be your trusted partner as you address your security requirements. We understand that each industry and each business has unique security requirements that a standard off-the-shelf solution cannot meet. That is why we offer a wide range of products and services that can be customized to any location, facility or business. All of this is backed by our superior technical support to help our customers keep their security systems running optimally. Our commitment to our customers goes beyond our products. It is borne every step of the way from pre-sales, to application engineering, to customer support. We want to earn the right to be your Partner of Choice.

Innovation

We're investing over \$40 million a year in research and development to bring you innovative new security products. We



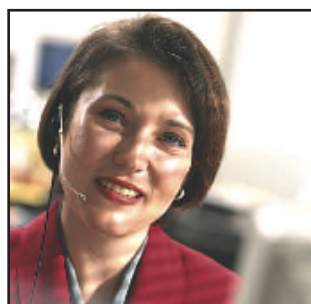
leverage the best technologies globally at our engineering "centers of excellence" in the U.S., China, India, Scotland and France. These teams are bringing you new integrated access control solutions such as: WIN-PAK 2005 and WIN-

PAK Pro 2005, Visitor Management Solutions and reader/credentials options. These new products are all designed through our "Voice of the Customer" process; developing cutting edge solutions that begin with you, our customer, in mind.

Support and the Best People

We know that when your customers call you, you need a quick and expert response. That's why we staff our customer and tech support centers with knowledgeable people with years of security experience. We also provide hands-on training at ADI

branches, long-distance training through web seminars and access to robust online tech libraries. We can help you meet the unique needs of customers in specific industries by providing relevant market information; equipping you with



marketing tools such as brochures and other collateral; and help you provide a tailor-made solution for your customer. At the heart of our business are our people. From our sales people to the tech support group, and all of our

employees – we are a team with decades of experience in security that understands the industry and your business. Honeywell hires the best talent because you deserve the best support.

Honeywell

When you partner with Honeywell, you benefit from the power of a global \$25 billion, Fortune 50 company with more than 110,000 employees. With a leading presence in a variety of industries such as aerospace, automation controls, specialty chemicals and transportation, we have the solutions, the technology and the resources to help you succeed. At Honeywell, we are unwavering in our commitment to deliver the innovations that drive your growth. We believe in listening to the "Voice of the Customer" and designing solutions with your needs in mind. As a Six Sigma trained and focused organization, we strive for operational excellence in everything we do. We believe that delivering the highest quality solutions and doing the best job for our customers everyday is what makes the difference. We want to partner with you for your success.

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Entry Level Systems

For small to medium-sized applications Honeywell offers a turnkey access control solution in an easy-to-install package that does not compromise on desirable features such as video integration and networking. And should the need arise, there is an easy upgrade path to a larger scale Honeywell solution.

THIS SECTION INCLUDES:

NStar™

NS2

Entry Level Systems

NSTAR



NStar is a cost-effective solution for entry level applications with the ability to seamlessly expand and adapt to future growth needs. The solution is comprised of the NS2 control panel and NStar access control software. It allows you to start small and easily upgrade your access control system as your security requirements evolve.

Benefits:

- State-of-the-art technology, processing power and speed uncommon in an entry-level product.
- Unprecedented scalability allowing for easy system expansions or future technology updates via a unique XPort expansion port.
- Comprehensive software with fast installation, simple operation via user-defined control and viewing of system status and an event viewer for real-time observation of system activities.
- Available option package including video badging, real-time alarm pop-up, digital video integration and networking is available to meet future needs.



Entry Level Systems

NSTAR

PC-NSTAR

NStar™ PC Build (PC-NSTAR-FSM) Pre-configured with NStar software when purchased with NStar Starter Kit

Intel® Pentium® 4 Processor 2.2GHz

40GB SATA Hard Drive

256MB DDR SDRAM

24 x CD-RW

Integrated Intel Gigabit Network Card

1 Serial port

1 Parallel port

6 USB 2.0 ports

1 RJ45 Ethernet port

Dell 17" Flat Panel Monitor

Keyboard

2 Button PS/2 Mouse

Microsoft® Windows® XP Professional

(Inclusive of Dell 3 Years On-site Service)



PC-NSTAR-BADGE

NStar™ Stand-Alone mini server badging system. Pre-configured with NStar software when purchased with NStar starter kits.

As above specification, plus:

1 NStar software upgrade (NSOPT1D - Provides PhotoID & Badging utility tools)

1 Magicard Alto card printer (PBVP-ALTO)

1 Digital camera 4mb memory (PB-Digi-cam)

(Inclusive of Dell 3 Years On-site Service)



Entry Level Systems

NSTAR

NSSKRI-EU

NStar™ Access Starter Kit with OmniProx Readers

The NSSKR is a NStar™ starter kit with readers. The kit contains NStar software in different languages (Dutch, French, English, German and Spanish), two door controller (NS2), two HID compatible OmniProx readers (OP10HONE), locking enclosure (ENC10), accessory kit (NS2ACC), 15 meter RS232 communications cable, transformer (PSX220) and two suppressor kits (S-4). Optional onboard TCP/IP available. Dimensions: 14.5" H x 12.5" W x 3.5" D (36.83cm H x 31.75cm W x 8.89cm D)



ALSO AVAILABLE:

NSSKI-EU

NStar Access Starter Kit without Readers

Readers are sold separately.

NSEKRI-UK

NStar Access Expansion Kit with OmniProx Readers

The NSEKR is an expansion kit with readers that adds two doors to an existing NStar installation. The kit contains the NS2 controller (NS2), locking enclosure (ENC10), NS2 accessory kit (NS2ACC), two HID compatible OmniProx readers (OP10HONE), transformer (PSX220) and two suppressor kits (S-4). Dimensions: 14.5" H x 12.5" W x 3.5" D (36.83cm H x 31.75cm W x 8.89cm D).



ALSO AVAILABLE:

NSEKI-UK

NStar Access Expansion Kit without Readers

Readers are sold separately.

NSOPT1D

NStar Software Upgrade

Enhances NStar by activating the following features: Networking to 5 concurrent NStar users; photo ID badging production includes layout utility that includes bar codes, magnetic stripe encoding and two-sided printing; Auto card pop-up; Rapid Eye and Rapid Eye LT DVR support allows a pop-up of the live view, retrieve stored events and control PTZ camera(s); alarm popup view with up to 99 priority levels.



Entry Level Systems

NSTAR

NS2

NS2 Control Panel, Board Only

Two reader/keypad access control panel for NStar only. 2,000 code capacity, 10,000 buffer capacity, four relays (SPDT) 12A @ 28VDC, eight supervised alarm inputs, RS-485 communications or TCP/IP interface module (optional). 600mA 12VDC output for readers and auxiliary devices. Current draw is 1.25A maximum. Power requirements: 16.5VAC (PSX220) or 24VDC @ 1.25A. Dimensions: 5.75" H x 9" W x 1.5" D (14.61cm H x 22.86cm W x 3.81cm D).



NSLAN1

Ethernet Adapter for NS2

The NSLAN1 is a TCP/IP (10BASE-T) interface that mounts directly on the NS2 and requires no external devices or wiring and receives power from the NS2. Simply use the standard RJ45 jack to connect via CAT-5 to the existing LAN/WAN network. Use one NSLAN1 for each NS2. Transmit, receive and good link diagnostic TCP/IP status indicators. Dimensions: 1.574" H x 1.929" W x 1" D (40.0mm H x 49.0mm W x 25.4mm D).



NS2MEM

NS2 Memory Expansion Module

Expands the NS2 to 10,000 card holders and 100,000 buffers. NS2 must be running 1.03.09 firmware or higher.



ENC30

NS2 High Density Enclosure Only

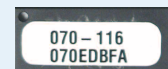
A high-density wall mount enclosure capable of housing up to nine NS2 panels. Power supply and battery sold separately. Dimensions: 13.9" H x 17" W x 9" D (35.3cm H x 43.2cm W x 22.9cm D).



NS2UPG1

Upgrade from NS2 TO NS2+

Includes NS2+ personality chip and 1 x NS2MEM (Memory expansion module).





Intermediate Systems

Providing systems that are easy-to-use and powerful enough to meet the demands of today's customers is what separates Honeywell from the competition. The power of Honeywell allows us to offer an unprecedented level of Access Control integration with Digital Video, Photo-ID Badging, Visitor Management and Alarm Monitoring.

THIS SECTION INCLUDES:

WIN-PAK™ 2005

WIN-PAK 2005 SYSTEM KITS

Take the worry out of new installations and use a Honeywell pre-configured computer system. All computers are pre-configured, tested and ready to work right out of the box. WIN-PAK™ 2005 computer systems operate as stand-alone units with badging options or have an optional Server/ Workstation functionality which makes interfacing to existing IT systems simple.

WIN-PAK™ 2005 Benefits

Enhanced Digital Video Integration

WIN-PAK 2005 offers integrated digital video controls. With WIN-PAK 2005, you can store, retrieve, playback events or alarms. With digital video integration, you can control up to 16 cameras in a single view, including the pan, tilt and zoom functions of each camera. Enhanced digital video integration also offers Video Verification that allows a live image to be compared to a stored database image of an individual, before access is granted.

Photo-ID Badging

Create custom photo-ID cards using company logo's or backgrounds. WIN-PAK 2005 has unique features that set it apart from the competition. Features include, Multiple Images per card Holder, Watermarking/Ghost Image, Barcode/Magnetic Stripe support, Two-Sided Printing, Edge-to-Edge Printing,

Quick Start Wizards

Setup is quick and easy using the WIN-PAK 2005 Quick Start Wizards. The Quick Start Wizards make programming simple by taking users step-by-step through the installation and programming process.

Customized Reporting

Not all customers want the same reports and with WIN-PAK 2005, customers can create custom report templates for their needs. Additionally, customers can schedule the reports to run automatically, one-time, hourly, daily, weekly or monthly.

Real-Time Alarm and Event Monitoring

WIN-PAK 2005 offers sophisticated real-time monitoring of events and alarms as they occur. The software has 99 Priority Levels and allow for control and response of alarms including accessing Floor Plans, acknowledge and clear. Users can also provide notes on each alarm about the cause and response. Since WIN-PAK 2005 is integrated to Digital Video, users can retrieve video playback of events generated from an alarm.

Advanced Card Management

WIN-PAK 2005 offers advanced card management over conventional access control systems. Features like Multiple Cards per Badge Holder, Batch Add/Delete, Card Activation/Deactivate by Schedule, Card Holder Locate, and Card Frequency Report with Disposition option, provide greater control and security for customers.



WIN-PAK™ 2005

WIN-PAK™ 2005 access control software is used to program, operate and report access control events. Standard features include badging, configuration wizards, digital video integration, prioritized alarm events, floorplans, pop-up video and alarms. Supported access control panels are the NS2+, N-1000 and PW-2000. Supported digital video systems are Rapid Eye™, Rapid Eye LT and Fusion™. Multiple workstations are supported as concurrent users and are software activated (no dongles). Supported operating systems are: Windows® 2003 Server, Windows XP Professional SP2, Windows 2000 Server SP4 and Windows 2000 Professional SP4.

Features:

- Integrated DVR Support
- Photo ID Badging
- Scheduled Reports
- Installation Wizard
- Card Frequency Report
- Email Reports / Events
- Domain or Workgroup Network Support
- Up to 5 Concurrent Users

WP2K5

WIN-PAK 2005 Access Control Software

Provides support of 1 concurrent workstation. Typically a standalone computer.



WP2KU5

WIN-PAK 2005 Software, 5-User

Provides support of up to 5 concurrent WIN-PAK 2005 workstations.

UPGWP2R53

Upgrade WIN-PAK 2005 Software from 1-User to 5-User

Upgrades existing WIN-PAK 2005 from 1-user to 5-user.

UPGWP2R51

Upgrade from WIN-PAK 2.0 Release 3 or 4 Software, 1-User

Upgrades existing WIN-PAK 2.0 Release 3 or 4 software, 1-user.

UPGWP2R52

Upgrade from WIN-PAK 2.0 Release 3 or 4 Software, 5-User

Upgrades existing WIN-PAK 2.0 Release 3 or 4 software, 5-user.

NOTE: WIN-PAK 2005 is available in Dutch, French, Spanish and Italian.

If you are requesting one of the languages above, you must order the WIN-PAK Software with the following added to the part number:

- ES for Spanish version
- FR for French version
- IT for Italian version
- NL for Dutch version

eg: The part number for WIN-PAK 2005 Dutch is WP2K5NL

WIN-PAK™ COMPUTER & BADGING SYSTEMS

All computer systems (PCACxx) are preloaded with WIN-PAK™ 2005 1-User software and include monitor, keyboard and mouse.

PC-AC-202E

WIN-PAK 2005 Stand-Alone/Mini Server System, configured for RS485. Includes:

- 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service)
- 1x WIN-PAK 2005 Software
- 1x RS232-RS485 converter (N-485-PCI-2-220)



PC-AC-223E

WIN-PAK 2005 Stand-Alone/Mini Server Badging System. Includes:

- 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service)
- 1x WIN-PAK 2005 Software
- 1x RS232-RS485 converter (N-485-PCI-2-220)
- 1x Magicard RIO card printer (PB-VP-8RIO)
- 1x Video capture card (PB-VC-15)
- 1x Camcorder to capture card adaptor (PB-BNC-FLASH)
- 1x Digital camcorder (PB-CAM-2)
- 1x Tripod (PB-TRI-POD)



PC-WS-202E

WIN-PAK 2005 Network Workstation. Includes:

- 1x Latest spec PC-WPPC/WP2C c/w client software (Inclusive of Dell 3 Years On-Site Service)



PC-WS-223E

WIN-PAK 2005 Network Badging Workstation. Includes:

- 1x Latest spec PC-WPPC/WP2C c/w client software (Inclusive of Dell 3 Years On-Site Service)
- 1x Magicard RIO card printer (PB-VP-8RIO)
- 1x Video capture Card (PB-VC-15)
- 1x Camcorder to capture card adaptor (PB-BNC-FLASH)
- 1x Digital camcorder (PB-CAM-2)
- 1x Tripod (PB-TRI-POD)



Consult www.honeywellaccess.com for current computer hardware specifications.



Professional Systems

With powerful system software and reliable, intelligent controllers, Honeywell's state-of-the-art technology is designed to meet the complex and ever-evolving security requirements of businesses today. Solutions such as integrated digital video monitoring, web-based management tools and central station reporting increase recurring monthly revenues while decreasing installation and service costs.

THIS SECTION INCLUDES:

WIN-PAK™ PRO 2005

WIN-PAK™ PRO Central Station

Professional Systems



WIN-PAK™ PRO offers enterprise level access control capabilities with full scale system management of single or multiple locations. With true Digital Video integration and Video Verification options, it is an easy choice for enterprise applications. PRO2200 is a highly evolved modular controller with advanced features such as triggers and procedures.

WIN-PAK™ PRO Central Station access control provides a cost effective and easy-to-manage security solution for businesses, while providing security dealers with multiple recurring revenue streams.

WIN-PAK™ PRO Benefits:

- Enhanced Digital Video integration creates additional add-on opportunities.
- Manage multiple locations and accounts from the software; ideal for property managers, business or university campuses and multi-location corporations.
- Customized reporting provides greater management capability to the system. In addition, scheduling reports to print or e-mail meets customer demand.
- Advanced card management provides greater control and security for customers.

WIN-PAK™ PRO Central Station Benefits:

- Increased revenue by providing value added services like Digital Video Monitoring, Web Browser User Interface, E-mail Event and Report Notification, Scheduled Reporting, Video Verification and Photo-ID Badging.
- Reduced installation and service costs. Without on-site PC and software installation, dealers can manage and repair systems remotely.



WIN-PAK™ PRO 2005

WIN-PAK™ PRO 2005 access control software is used to program, operate and report access control events. Supported access control panels are the NS2+, N-1000, PW-2000 and PRO2200. Supported digital video systems are Rapid Eye, Rapid Eye LT and Fusion. Supported operating systems are Windows® 2003 Server, Windows XP Professional SP2, Windows 2000 Server SP4 and Windows 2000 Professional SP4.

Features:

- Unrestricted Number of Users
- Multiple Accounts are Supported
- Installation Wizard
- Integrated DVR Support
- Photo ID Badging
- Scheduled Reports
- E-mail Reports / Events
- Pop-up Video and Alarms

WPP2K5

WIN-PAK™ PRO 2005 Software

Unrestricted users and communication servers.



UPGWPPR5

Upgrade from WIN-PAK PRO (Release 3 or 4) to WIN-PAK PRO 2005

UPGWPP51

Upgrade from WIN-PAK 2005 Single User License

UPGWPP52

Upgrade from WIN-PAK 2005 5 User License

NOTE: WIN-PAK PRO 2005 is available in Dutch, French, Spanish and Italian.

If you are requesting one of the languages above, you must order the WIN-PAK Software with the following added to the part number:

- ES for Spanish version
- FR for French version
- IT for Italian version
- NL for Dutch version

eg: The part number for WIN-PAK PRO 2005 Dutch is WPP2K5NL

WIN-PAK™ PRO 2005 SERVERS

WIN-PAK™ PRO 2005 System Builds

Stand Alone and File Servers are configured with WPP 2005 Unlimited User License and Windows 2000/XP & MSDE unless specified otherwise. (Custom builds are available) WIN-PAK™ PRO 2005 will be shipped as the replacement software for orders requesting WIN-PAK™ PRO Release 4

PC-AC-INT02E

WIN-PAK PRO 2005 Stand-Alone/Mini Server System, configured for RS485. Includes:

- 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service)
- 1x WIN-PAK PRO 2005 Software
- 1x RS232-RS485 converter (N-485-PCI-2-220)



PC-AC-INT023E

WIN-PAK PRO 2005 Stand-Alone/Mini Server badging system, configured for RS485. Includes:

- 1x Latest Spec PC-WPPSA/WP2SFSM (Inclusive of Dell 3 Years On-Site Service)
- 1x WIN-PAK PRO 2005 software
- 1x RS232-RS485 converter (N-485-PCI-2-220)
- 1x Magicard RIO card printer (PB-VP-8RIO)
- 1x Video capture card (PB-VC-15)
- 1x Camcorder to capture card adaptor (PB-BNC-FLASH)
- 1x Digital camcorder (PB-CAM-2)
- 1x Tripod (PB-TRI-POD)



PC-WS-INT02E

WIN-PAK PRO 2005 Network Workstation. Includes:

- 1x Latest spec PC-WPPC/WP2C c/w client software (Inclusive of Dell 3 Years On-Site Service)



PC-WS-INT023E

WIN-PAK PRO 2005 Network Badging Workstation. Includes:

- 1x Latest spec PC-WPPC/WP2C c/w client software (Inclusive of Dell 3 Years On-Site Service)
- 1x Magicard RIO card printer (PB-VP-8RIO)
- 1x Video capture card (PB-VC-15)
- 1x Camcorder to capture card adaptor (PB-BNC-FLASH)
- 1x Digital camcorder (PB-CAM-2)
- 1x Tripod (PB-TRI-POD)



WIN-PAK™ PRO CENTRAL STATION

Sustaining growth and staying ahead of the competition are the greatest challenges facing security dealers today. Honeywell's new WIN-PAK™ PRO Central Station access control product provides a cost effective and easy-to-manage security solution for businesses, while providing security dealers with multiple recurring revenue streams. WIN-PAK PRO Central Station offers dealers the opportunity to take control of their customer's installations and provide worry-free access control and value added services.

- Win More Business
- Keep Customers Longer
- Increase Profitability
- Reduce Installation Costs
- Reduce Service Costs

WIN-PAK CENTRAL STATION is only available in English and can only be installed on US Windows Operating Systems

WCS1

**WIN-PAK™ PRO Central Station for 50 Accounts
and 5 Concurrent Users**



WCS2

**WIN-PAK PRO Central Station for 100 Accounts
and 5 Concurrent Users**

WCS3

**WIN-PAK PRO Central Station for 250 Accounts
and 5 Concurrent Users**

WCS4

**WIN-PAK PRO Central Station for 500 Accounts
and 5 Concurrent Users**

WCS5

**WIN-PAK PRO Central Station for 1,000 Accounts
and 5 Concurrent Users**

WCS6

**WIN-PAK PRO Central Station for 2,500 Accounts
and 5 Concurrent Users**

WCS7

**WIN-PAK PRO Central Station for Unrestricted Accounts
and 5 Concurrent Users**

WCSUPGRADE

WIN-PAK PRO Central Station 5 User Licence add-on.

WCSW

Web Interface for WIN-PAK PRO Central Station

The web interface allows credential management to be performed via a trusted link from the dealer's web page. Credential management includes cards, card holder with note fields, photos, signatures, access levels, reports for cards, card holder and access level. Unrestricted number of accounts or users.

SOFTWARE SERVICE AGREEMENT (SSA)

SSAWCS

Software Service Agreement for WIN-PAK™ PRO Central Station Software Only

Honeywell offer a range of support services to suit your needs. Please contact us for more details.

SSAWCSC

Software Service Agreement for WIN-PAK PRO Central Station Software with Web Interface Option

Honeywell offer a range of support services to suit your needs. Please contact us for more details.

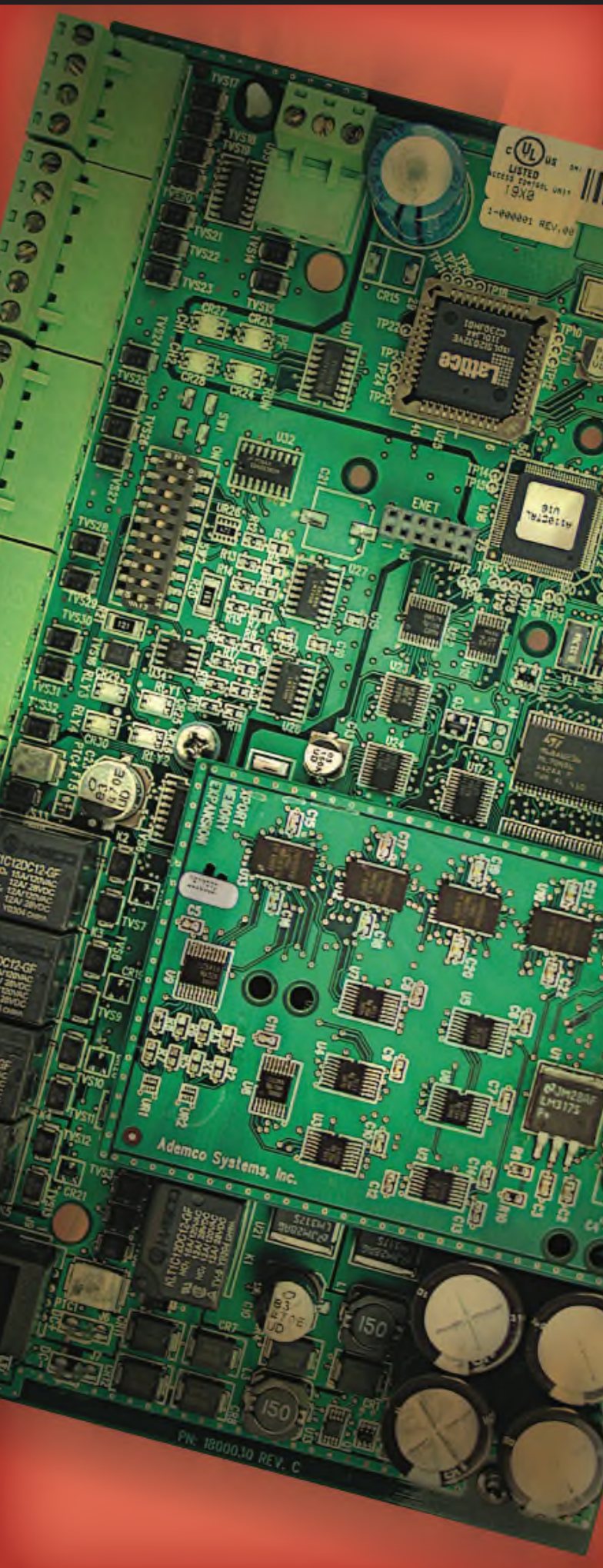
WIN-PAK PRO CENTRAL STATION COMPUTER SYSTEMS

WCSFSM

WIN-PAK™ PRO Central Station

Honeywell provide a range of custom build servers to suit all applications. Please contact us for more details.

Consult factory for applications requiring more than 500 accounts.



Control Panel Solutions

Honeywell's control panel solutions have been the choice of dealers for many years. Our controllers are the benchmark of the industry and offer unmatched flexibility and reliability that results in fewer callbacks and improved bottom-line profits for dealers. The new NS2+ panel raises the mark with higher performance and flexibility to meet the needs of today's demanding applications.

THIS SECTION INCLUDES:

NS2+

N-1000 Series

PRO2200 Series

Control Panel Solutions



With over 100,000 panels installed, the N-1000 is the workhorse of the industry. It has a proven track record and fits any application. Simple installation, robust operation and full product features are the strengths behind the N-1000. The NS2+ is the newest control panel from Honeywell and continues to build on the N-1000 and offers advanced capabilities and seamless migration for expanding existing N-1000 systems.

Benefits:

- Proven track record over past 20 years of performance for single-door or multiple door applications.
- Next generation NS2+ provides unprecedented scalability allowing for easy system expansions or future technology updates via a unique XPort expansion port.
- Ethernet options for N-1000 and NS2+ provide IT-friendly options for installation using existing network wiring.
- Designed to decrease installation time and labor with removable terminal blocks, standard wiring options, simple diagnostics and flexible system architecture.
- The ability to mix and match N-1000 and NS2+ control panels allows updating of existing installations with the powerful new NS2+ which includes a fast 32-bit processor.



Control Panel Solutions NS2+

NS2+ CONTROL PANEL

The NS2+ is an intelligent 2 door controller with the feature set and processing power comparable to many advanced controllers yet is user-friendly, installs quickly and is highly economical for entry to mid-level solutions. The NS2+ boasts a 32-bit processor and memory capacity to simultaneously support 10,000 cardholders and 100,000 transactions. With an optional on-board TCP/IP interface, the NS2+ is capable of meeting the growing demand for Ethernet-based solutions.

NS2P-EU

NS2+ Intelligent 2 Door Controller

2 reader/keypad access control panel. 10,000 code capacity, 100,000 buffer capacity, four relays (SPDT) 12A @ 28VDC, 8 supervised alarm inputs, RS-485 communications or TCP/IP interface module (optional). Requires WIN-PAK 2005, WIN-PAK PRO 2005 or WIN-PAK PRO Central Station. Includes locking enclosure with tamper switch, transformer (PSX220) and two surge suppressors (S-4). 600mA @ 12VDC output for readers and auxillary devices. Current draw: 1.25A maximum. Dimensions: 14.5" H x 12.5" W x 3.5" D (36.33cm H x 31.75cm W x 8.89cm D).



NS2UPG1

Upgrade from NS2 TO NS2+

Includes NS2+ personality chip and 1 x NS2MEM (Memory expansion module).



NSLAN1

Ethernet Adapter for NS2+

The NSLAN1 is a TCP/IP (10Base-T) interface that mounts directly on the NS2+ and requires no external devices or wiring and receives power from the NS2+. Simply use the standard RJ45 jack to connect via CAT-5 to the existing LAN/WAN network. Use one NSLAN1 for each NS2+. Transmit, receive and good link diagnostic TCP/IP status indicators. Dimensions: 1.57" H x 1.93" W x 1.0" D (40.0mm H x 49.0mm W x 25.4mm D).



BAT-3

12V, 4AH Backup Battery

12V battery for the N-1000-III, N-1000-IV, NS2 and NS2+ panels.



Control Panel Solutions

N-1000

N-1000 CONTROL PANELS

Versatile, reliable and expandable are the three main features that make the N-1000 is one of the most popular access control panel ever. The N-1000's distributed database stores all card, time zone, relay control and alarm point information in its memory.

N-1000-III

Intelligent 2 Door Controller

2 reader/keypad access control panel. Supports proximity, smart, Wiegand, magnetic stripe, keypad, barcode, vehicle ID and biometric devices. 5,000 code capacity, 10,200 buffer capacity, 4 relays (DPDT), 16 supervised alarm inputs standard, 20mA or RS-485 communications (RS-485 requires the use of N-485-HUB 2 or N-485-PCI-2 interfaces). Includes 12V battery backup, detachable terminal blocks, locking enclosure with tamper switch. 12V 500mA output for external readers. Requires 16.5VAC transformer (PSX220) for panel power and one suppressor kit (S-4) per used (active) relay. Current draw is 1.8A maximum. Dimensions: 14" H x 18" W x 4" D (35.5cm H x 45.6cm W x 10.0cm D). Use with WIN-PAK software. UL 294 and CE listed.

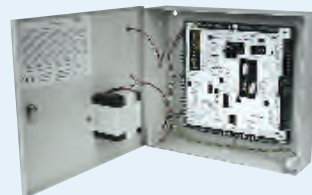


ALSO AVAILABLE:

N-1000-III-X

Expanded Intelligent 2 Door Controller

Same as the N-1000-III with 8 total relays and expanded memory (25,000 codes and 6,600 buffers).



N-1000-III-CB

N-1000-III Circuit Board Only

Circuit board only. Dimensions: 11" H x 11" W x 1.5" D (27.94cm H x 27.94cm W x 3.81cm D).



N-1000-III-X-CB

N-1000-III-X Circuit Board Only

Circuit board only. Dimensions: 11" H x 11" W x 1.5" D (27.94cm H x 27.94cm W x 3.81cm D).



Control Panel Solutions

N-1000

N-1000-IV

Intelligent 4 Door Controller

4 reader access control panel. Supports proximity, smart Wiegand, magnetic stripe, keypad, barcode, vehicle ID and biometric devices. 5,000 code capacity, 10,200 buffer capacity, four relays (DPDT), 16 supervised alarm inputs, 20mA or RS-485 communications (RS-485 requires the use of N-485-HUB-2 or N-485-PCI-2 interfaces). Includes 12V battery backup, detachable terminal blocks, locking enclosure with tamper switch. 12V 500mA output for external readers Requires 16.5VAC transformer (PSX220) for panel power and one suppressor kit (S-4) per used (active) relay. Current draw is 1.8A maximum. Use with WIN-PAK software. Dimensions: 14" H x 18" W x 4" D (35.5cm H x 45.6cm W x 10.0cm D). UL 294 and CE listed.



ALSO AVAILABLE:

N-1000-IV-X

Expanded Intelligent 4 Door Controller

Same as the N-1000-IV with 8 total relays and expanded memory (25,000 codes and 6,600 buffers).



N-1000-IV-CB

N-1000-IV Circuit Board Only

Circuit board only. Dimensions: 11" H x 11" W x 1.5" D (27.94cm H x 27.94cm W x 3.81cm D).



N-1000-IV-X-CB

N-1000-IV-X Circuit Board Only

Circuit board only. Dimensions: 11" H x 11" W x 1.5" D (27.94cm H x 27.94cm W x 3.81cm D).



AEP-3

Expanded Relay Board 8 Outputs DPDT

Auxiliary output board. Provides 8 additional relay outputs to any N-1000 panel with version 5.10 or newer firmware (excluding version 6). Up to two AEP-3 boards per N-1000 panel. Can be mounted on the inside cover of the N-1000 control panel or separately in the ENC-1 enclosure. Contacts are DPDT. Includes interconnecting cable (AEP-3-CBL). Current draw is 150 to 325mA. Dimensions: 6" H x 10" W x 1.75" D, (15.24cm H x 25.4cm W x 4.445cm D). Operating temperature range: 35° to 110° F (2° to 43° C).



ENC-3

Enclosure for N-1000-III

Enclosure for N-1000-III with knockouts, hinged cover and lock and key. Tamper switch provided.



UGN1K3807

V8.07.01 N-1000-III/IV Firmware Upgrade

N-1000-III/IV version 8.07.01 firmware upgrade kit. Contains the PROM and PAL chips.



UGN1K2807

V8.07.01 N-1000-II Firmware Upgrade

N-1000-II version 8.07.01 firmware upgrade kit. Contains the PROM and PAL chips.



PRO2200

The PRO2200 Intelligent Control Module (PRO22IC) is an advanced access control panel capable of providing solutions for large applications. The PRO22IC provides power and flexibility with its 32-bit CPU architecture, optional TCP/IP protocol support, flash memory for firmware and large local card holder database. The PRO22IC supports any combination of up to 8 I/O or reader boards to monitor alarm input points, relay output points and access control reader interface points. By offering a modular design, the system can be tailored to meet a wide range of applications while optimizing cost and mounting space. The PRO22IC is designed with various mounting options available. Units can be mounted in a high-density configuration (PRO22ENC1, PRO22ENC2 and PRO22ENC5) when space is limited or in a tile mount configuration (PRO22ENC3).

PRO22IC

PRO2200 Intelligent Controller

The PRO22IC supports any combination of up to 8 input/output or reader boards to monitor alarm input points, relay output points and access control reader interface points. The standard PRO22IC accommodates a card database of 20,000 cards, and a standard transaction buffer of 5,000 transactions. Units can be mounted in a high-density configuration (PRO22ENC1, PRO22ENC2 and PRO22ENC5) when space is limited, or in a tile-mount configuration (PRO22ENC3). Board dimensions: 5.5" H x 9.0" W x 1.0" D (228.6mm H x 139.7mm W x 25.4mm D). Power requirements: 10-16VDC @ 400mA.



PRO22R2

PRO2200 Two Reader Board

PRO2200 dual reader board supports two TTL (Wiegand or clock and data) readers and supplies two Form-C contacts, 5A @ 28VDC (resistive) for controlling locks and four Form-C, 2A @ 28VDC (resistive) for controller auxiliary devices. Provides eight supervised inputs and two unsupervised dedicated inputs. Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7mm H x 228.6mm W x 25.4mm D). Power requirements: 12VDC @ 400mA.



PRO22R1

PRO2200 Single Reader Board

PRO2200 single reader board supports one TTL (Wiegand or clock and data) reader and supplies one Form-C contact, 5A @ 28VDC (resistive) for controlling locks and one 1A @ 28VDC for controlling other devices along with two supervised inputs for door contact and REX device. Use PRO22ENC4 enclosure. Board Dimensions: 2.75" H x 4.25" W x 1.4" D (108mm H x 70mm W x 36mm D). Power requirements: 12VDC 125mA (175mA max available for reader power).



PRO22IN

PRO2200 16 Input Module

PRO2200 input module with 12 general purpose inputs with programmable circuit type (16 are available when using PRO22ENC3 tile-mounted enclosure), two dedicated alarm inputs for tamper detection and power loss (tile-mounted only), and two general purpose, Form-C, 2A @ 30VDC relays (only one available when using PRO22ENC1, PRO22ENC2 and PRO22ENC5). Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7mm H x 228.6mm W x 25.4mm D). Power requirements: 12VDC @ 350mA.



PRO22OUT

PRO2200 16 Output Module

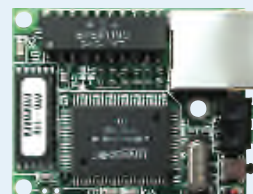
PRO2200 output module with 12 general purpose output relays, Form-C, 2A @ 30VDC (16 are available when using PRO22ENC3 tile-mounted enclosure) and two dedicated alarm inputs for tamper detection and power loss (tile-mounted only). Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7mm H x 228.6mm W x 25.4mm D). Power requirements: 12VDC @ 400mA.



PRO22EN

PRO2200 Ethernet Daughter Board

The PRO22EN offers TCP/IP (10Base-T) interface that mounts directly on the PRO22IC and requires no external devices or wiring and power is supplied by the PRO22IC. Simply use the standard RJ45 jack to connect via CAT-5 to the existing LAN/WAN network. Transmit, receive, and good link diagnostic TCP/IP status indicators. Dimensions: 1.574" H x 1.929" W x 1" D (40.0mm H x 49.0mm W x 25.4mm D).



PRO22CVT1

RS232-RS485 Data Converter

The PRO22CVT1 is an RS-485 interface located between the computer and the PRO22IC. The device converts the RS-232 data coming from the serial port on the PC into RS-485 data.



CVT1PSU

Linear regulated 9v DC 200ma Power Supply

For use with PRO22CVT1

PRO22M4

PRO2200 4MB Memory Expansion

The memory expansion module (PRO22M4) mounts directly on the PRO22IC and allows for a card database of 50,000 cards and a transaction buffer capable of storing 35,000 transactions.



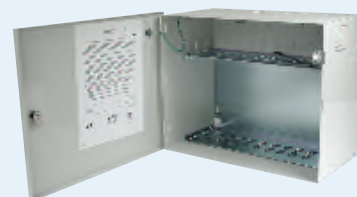
Control Panel Solutions

PRO2200 ENCLOSURES

PRO22ENC1

PRO2200 High Density Enclosure Only

The PRO22ENC1 is a high-density wall mount enclosure capable of housing up to nine PRO2200 modules. Power supply (PRO22E1PS) and battery (PRO22BAT1) sold separately. Dimensions: 13.9" H x 17" W x 9" D (35.3cm H x 43.2cm W x 22.9cm D).



PRO22ENC2

PRO2200 Rack Mount Enclosure Only

The PRO22ENC2 is a high-density 19" rack mount enclosure capable of housing up to nine PRO2200 modules. Power supply (PRO22E1PS) and battery (PRO22BAT1) sold separately. Dimensions: 13.9" H x 18.9" W x 9" D (35.3cm H x 48.0cm W x 22.9cm D).



PRO22ENC3

PRO2200 Tile Mount Remote Enclosure

PRO2200 tile mount enclosure capable of housing and supplying battery backed power for two PRO2200 series modules. Contains 2.4A power supply and 4AH sealed lead acid battery. Dimensions: 14" H x 16" W x 4" D (35.6cm H x 40.7cm W x 10.2cm D).



PRO22ENC4

PRO22R1 Single Reader Board Enclosure

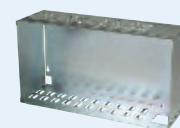
Single reader board enclosure designed specifically for the PRO22R1. Includes power supply and battery. Dimensions: 8.37" H x 7.63" W x 7.63" D (21.3cm H x 19.4cm W x 19.4cm D).



PRO22ENC5

PRO2200 Card Rack Only, No Enclosure

Rack cage only for custom enclosures. Capacity: nine PRO2200 modules (excluding PRO22R1). Power supply (PRO22E1PS) and battery (PRO22BAT1) not included. Dimensions: 9.35" H x 16.85" W x 5.6" D (23.8cm H x 42.8cm W x 14.2cm D).



PRO22E1PS

4A Rack Mounted Power Supply with Battery Backup

12VDC @ 4A power supply with battery charger for use in PRO22ENC1 or PRO22ENC2 enclosures. This power supply is auto-switching and can accept 85VAC to 230VAC @ 50/60Hz. Battery (PRO22BAT1) sold separately.



PRO22BAT1

PRO2200 12V, 7A Backup Battery

12V, 7AH sealed lead acid battery for use with the PRO22E1PS power supply.



PRO22DCC

PRO2200 Daisy Chain Cable

The PRO22DCC daisy chain cable is a prewired cable harness used to quickly route power and RS-485 communications across up to nine PRO2200 series panels located in the PRO22ENC1 or PRO22ENC2 enclosure.





Communications & Accessories

Honeywell provides a wide variety of communication devices and accessories that seamlessly integrate with our access control product lines.

LANSERIAL-TUK

RS232 to LAN Converter (10/100)

This device server enables management of serial devices over IP-based Ethernet networks and easily lets you replace limited distance, point-to-point serial connections. Converts RS-232 signal into 10Base-T (10Mbps). Dimensions: 3.5" H x 2.5" W x .9" D (90mm H x 64mm W x 23mm D).



N485-PCI-2L-220

RS-485 Interface for LANSRLU1

Designed specifically for use with the LANSERIAL-TUK network converter. The N485PCI2L is an RS-485 interface located between the LANSERIAL-TUK and the access control panels. Converts RS-485 signal (from panel) to RS-232 with cable for direct connection to network converter. Inclusive of PSX220 Transformer. ALL 485 UNITS IN THE SYSTEM MUST HAVE THE SAME VERSION FIRMWARE.



N-485-PCI-2-220

RS-485 PC Interface

The N-485-PCI-2 is an RS-485 interface located between the computer and the access control panels. It converts the RS-232 data coming from the PC into RS-485 data. Comes with a 3' (0.9 m) 9-pin cable for connection to the PC, cable can be extended to within RS-232 maximum distance. For use with N-485-API-2, N-1000-III, N-1000-IV, NS2 or NS2+ panel. Inclusive of PSX220 Transformer. Dimensions: 5.5" H x 3.875" W x 2" D (13.97cm H x 9.843cm W x 5.08cm D). ALL 485 UNITS IN THE SYSTEM MUST HAVE THE SAME VERSION FIRMWARE.



N-485-HUB-2-220

RS-485 Modem Interface

The N-485-HUB-2 converts RS-232 data coming from the modem into RS-485 data. Inclusive of PSX220 Transformer. ALL 485 UNITS IN THE SYSTEM MUST HAVE THE SAME VERSION FIRMWARE.



M200-220

56K External Modem

High speed modem for N-485-HUB-2 interface. Inclusive of PSX220 Transformer.



NTEXPDI4

4-Port Communication Board

Used for WIN-PAK 2.0 or higher to add 4 RS-232 communication ports. The NTEXPDI4 includes a PCI expansion board and a four port RJ45 connector. You must order the optional RJ45 connecting cable assemblies as required for your installation. The optional cables are NTEXPC25 used for C-100-A1 and external modems or NTEXPC9 used for N-485-PCI-2 applications.

NTEXPDI8

8-Port Communication Board

Used for WIN-PAK 2.0 or higher to add 8 RS-232 communication ports. The NTEXPDI8 includes a PCI expansion board and an eight port RJ45 connector. You must order the optional RJ45 connecting cable assemblies as required for your installation. The optional cables are NTEXPC25 used for C-100-A1 and external modems or NTEXPC9 used for N-485-PCI-2 applications.

NTEXPDI16

16-Port Communication Board

Used for WIN-PAK 2.0 or higher to add 16 RS-232 communication ports. The NTEXPDI16 includes a PCI expansion board and a 5' DB44 EBI cable used to connect the expansion board to the 16-port RJ45 external cable. You must order the optional RJ45 connecting cable assemblies as required for your installation. The optional cables are NTEXPC25 used for external modems or NTEXPC9 used for N-485-PCI-2 applications.



NTEXPDI32

32-Port Communication Board

Used for WIN-PAK 2.0 or higher to add 32 RS-232 communication ports. The NTEXPDI32 includes a PCI expansion board and a 5' DB44 EBI cable used to connect the expansion board to the 32-port RJ45 external cable. You must order the optional RJ45 connecting cable assemblies as required for your installation. The optional cables are NTEXPC25 used for external modems or NTEXPC9 used for N-485-PCI-2 applications.



NTEXPDI64

64-Port Communications Kit

Used for WIN-PAK 2.0 or higher to add 64 RS-232 communication ports in a Windows NT environment (will not work in a Windows 9x environment). The NTEXPDI64 includes a PCI expansion board, 5' DB44 EBI cable used to connect the expansion board to the first 16-port RJ45 external module and three additional 16" cables to attach the second, third and fourth 16 port modules and a power supply. You must order the optional RJ45 connecting cable assemblies as required for your installation. The optional cables are NTEXPC25 used for C-100-A1 and external modems or NTEXPC9 used for N-485-PCI-2 applications.



NTEXPCM

RJ45 to 25-Pin Modem Cable



NTEXPC9

RJ45 Cable and 9-Pin Shell Assembly for N-485-PCI-2

RJ45 cable and 9-pin shell assembly for use with N-485-PCI-2.



NTEXPC25

RJ45 Cable and 25-Pin Shell Assembly for Modems

RJ45 cable and 25-pin shell assembly for use with modems and C-100-A1.



Badging Systems

Offer a complete access control system using photo identification badges. Photo ID's provide additional security for your facility by allowing other employees to visually validate the badge holder.

Additional security is provided when the cardholder's image is brought up on the security monitor providing instant verification when the card is not visible.

A full line of badging accessories provide the finishing touches to your badging applications. Accessories include card punches, lanyards, chains, clips and more.

THIS SECTION INCLUDES:

Badging Printers & Consumables

Badging Components and Accessories

Card Accessories



ALTO™ PRINTERS

For small applications the Alto™ printer provides quality badge printing at an affordable price. Cards are conveniently stored in a dispenser allowing only one card to be hand fed at a time. Flip the card over and print on the other side and save the cost of a more expensive duplex printer. The built in HoloKote™ security watermark feature comes standard.

PBVP-ALTO

Alto™ Printer

Alto™ photo ID badge printer for single side print applications. IO Weight: 7lbs (3.2kg). Dimensions: 7.8" H x 6.9" W x 8.3" D (20.0cm H x 17.5cm W x 21.1cm D).



PBVP-ALTOPF3

Monochrome Cassette Dye Film

500 print black resin cassette dye film.



PCX-PF2

Alto Color Ribbon and 2 Ready-to-Fill Dispensers

100 print color YMCKO cassette for the Alto printer and two ready-to-fill 50-card capacity dispenser for technology cards.



CK1

Alto™ Cleaning Kit

Cleaning kit for Alto™ printers. Cleaning kit contains five cleaning cards and one cleaning pen. Cleaning should be performed between each ribbon replacement. Under typical conditions one CK1 should be ordered for every five ribbons ordered.



RIO 2™ / TANGO 2™ PRINTERS

Whether your badging needs demand production of hundreds of badges a day or just a few, the Rio 2™ and Tango 2™ printers provide a combination of ease of use and reliability to meet your demands.

The Rio 2 printer provides simplex (one-sided) card printing while the Tango 2 provides duplex (two-sided) card printing capabilities.

The built in HoloKote™ security watermark feature comes standard.

Features:

- Edge-to-Edge Printing
- 20 Second Print Time (40 seconds for color duplex)
- LCD Display
- 100 Card Hopper
- USB and Parallel Cables Included
- 2-Year Warranty with Loaner

PB-VP-8RI02

Rio 2™ Simplex PVC Color Badging Printer

Rio 2™ photo ID badge printer for single side print applications. Inclusive of 24 month Ultra Cover Plus warranty. Weight: 15.8lbs (7.2kg). Dimensions: 9.15" H x 7.6" W x 14.55" D (23.25cm H x 19.35cm W x 36.95cm D).



PB-VP-8RI0M

Rio 2 Simplex PVC Color Badging Printer with Magnetic Stripe Encoder

Rio 2 photo ID badge printer for single side print and magnetic stripe encoding applications. The magnetic stripe encoder is a dual coercivity magnetic stripe encoder which offers encoding of all three tracks. Inclusive of 24 month Ultra Cover Plus warranty. Weight: 15.8lbs (7.2kg). Dimensions: 9.15" H x 7.6" W x 14.55" D (23.25cm H x 19.35cm W x 36.95cm D).

PB-VP-8TANGO2

Tango 2™ Duplex PVC Color Badging Printer

Tango 2™ photo ID badge printer for two-sided print applications. Inclusive of 24 month Ultra Cover Plus warranty. Weight: 18.3lbs (8.3kg). Dimensions: 9.15" H x 7.6" W x 18.58" D (23.25cm H x 19.35cm W x 47.11cm D).

PB-VP-8TANGOM

Tango 2 Duplex PVC Color Badging Printer with Magnetic Stripe Encoder

Tango 2 photo ID badge printer for two-sided print and magnetic stripe encoding applications. The magnetic stripe encoder is a dual coercivity magnetic stripe encoder which offers encoding of all three tracks. Inclusive of 24 month Ultra Cover Plus warranty. Weight: 18.3lbs (8.3kg). Dimensions: 9.15" H x 7.6" W x 18.58" D (23.25cm H x 19.35cm W x 47.11cm D).

PBVP8SR

Ribbon, Simplex or Duplex Print for Rio™/Rio 2™ and Tango™/Tango 2™ Printers

Provides 350 simplex or 175 duplex prints. Color ribbon for Rio™/Rio 2™ and Tango™/Tango 2™ printers. Provides full color with resin black and overcoat (YMCKO). Resin black provides carbon content for infrared bar code readers and a crisp black for text.



PBVP8ST

One-Side Color/One-Side Resin Black for Tango/Tango 2 Printers

Provides 300 duplex prints. Color ribbon for Tango/Tango 2 two-sided series printers. One side full color print with resin black and overcoat and second side with resin black only (YMCKOK). Resin black provides carbon content for infrared bar code readers and crisp black for text.



PB-VP8-LC3TR

Resin Black Ribbon for Rio/Rio 2 and Tango/Tango 2 Printers

Provides 1,000 prints. Resin black provides carbon content for infrared bar code readers and a crisp black for text.



PB-VP8-LC6TR

Resin Black with Overcoat for Rio/Rio 2 Printers

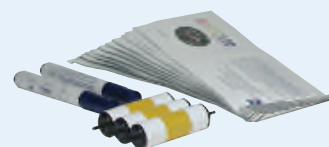
Provides 600 prints. Resin black provides carbon content for infrared bar code readers and a crisp black for text.



PB-VP8RT-CLEAN2

Cleaning Kit for Rio/Rio 2 and Tango/Tango 2 Printers

Cleaning kit for Rio/Rio 2 and Tango/Tango 2 printers. Contains ten cleaning cards, two cleaning pens and three cleaning rollers. Cleaning should be performed between each ribbon replacement. Under typical conditions one N9005-761MED should be ordered for every ten ribbons ordered.



PB-VP8RIO-SKS

HoloKote™ Custom Logo Set Up and Key for Rio 2/Tango 2 Printers

HoloKote™ Custom Key™ for the Rio 2 or Tango 2 provides a removable key for higher security against unauthorized card production. The key is programmed with your logo. A graphic of the logo must be submitted no larger than 158 x 149 pixels. Can be used with cards that have the HoloPatch™. The custom key plugs into printers. Either USB or parallel printer port can be used for connection to the computer.



PB-VP8S

Color Ribbon with Resin Black for M-300 & Turbo Printers

Color ribbon for the Turbo and M-300 PVC printer. 4-color dye-sublimation YMCKO ribbon with clear overlay, resin black panel, good for up to 250 cards. This ribbon can be used with infrared barcode readers like the BR-7.



PB-VP8-CLEANER

Cleaning kit for Turbo PVC Printers

Kit includes 1 x print head cleaning pen and 15 cleaning cards.

PB-CAM-2

Badging camcorder



PB-DIGI-CAM

Digital camera. 4M bytes memory



PB-CAM-3

CCD USB Twain compatible camera. Res. 640x480 (WIN 98/2000/XP WIN-PAK 2 & PRO only)



PBSIGCAPLCD

Signature Capture Kit with LCD Display

Signature capture pad with LCD display. Requires a 9-pin serial communications port. Not for use with WIN-EXP-xx with WIN-PAK 1.16 software or older. Includes a 110VAC plug-in power supply/adaptor.



PB-TRI-POD

Tripod for Badging Camera

3-way fluid panhead with quick release geared center column, 3-section 20mm tubular aluminum legs, steel ground spikes with adjustable rubber tipped feet. Height range: 21-57" (144.78-53.34cm).



PBVC15

Video Capture Card

Video capture card compatible with WIN-PAK™ 1.17, WIN-PAK™ 2.0 Release 4, WIN-PAK™ 2005, WIN-PAK™ PRO Release 4 and WIN-PAK PRO™ 2005 software programs. Accepts composite or S-video input. Requires one PCI style slot. Does not replace your existing video card. Requires cable (CBL-VB-CAM-2).



CP-1

Card Punch

Hand held card punch for making slots in cards for badge clips.



CP-5

Manual Desktop Card Punch

Stapler-style slot punch with slot receptacle. Slot size: .125" L x .625" W (3mm L x 16mm W).



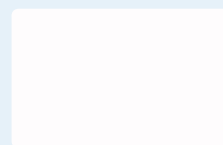
Badging Systems

CARD ACCESSORIES

PVC-NT-1

No-Technology PVC Card

Plain white PVC card with no access control technology. For badging only. This card can be used with all PVC printers. Dimensions: 3.375" L x 2.125" W (8.573cm L x 5.398cm W).



PIP-1

Vertical Card Pouch

Vertical card pouch with metal clip. Designed to work with standard size cards.



PIP-2

Horizontal Card Pouch

Horizontal card pouch with metal clip.

DED-559-200

Open Faced Rigid Card Holder

Durable plastic card holder designed to work with standard size cards



BC-1

Badge Clips

Badge clips for photo ID cards. Metal clip with plastic band and metal snap.



DED-559-517

Retractable Coil Badge Holder with Clip

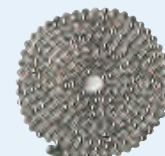
Retractable coil badge holder with clip.



NCKCHN30

30" Neck Chain, Silver

Neck chain with silver finish. Length: 30" (.76m).



ALSO AVAILABLE:

NCK-CHN-36

36" Neck Chain, Silver

Neck chain with silver finish. Length: 36" (.91m).

DED-559-321

35" Break Away Neck Lanyard, Royal Blue (Other colours available)

Break away, flat woven neck lanyard. Dimensions: .375" W x 35" L (9.5mm W x 889mm L).





Digital Video Solutions

Honeywell is a whole solution provider that offers digital video integration using Honeywell DVR products. Integration through NStar™, WIN-PAK™ 2005, WIN-PAK™ PRO 2005, WIN-PAK™ PRO Central Station and PRO-WATCH Series allows video to be tied to access control events and alarms. Video clips can be recalled through the software, based on time or event. With integration, users can have complete camera control, including pan, tilt and zoom, and verify live users with stored images using the Video Verification option.

THIS SECTION INCLUDES:

Fusion™

Rapid Eye™

Rapid Eye LT

Digital Video Solutions

Fusion™ DVR Series

- Capture rates up to 400ips (PAL)
- Live viewing up to 400ips (PAL)
- Multiplexed or spot output
- Direct POS interface
- Remote notification
- Display maps of facilities
- Smart/Preview/Index search options
- Simultaneous connections
- Records resolution up to 720 x 480
- Link event to control outputs
- Up to 1 TB of onboard storage
- Up to 100TB external storage
- Up to 16 channels of audio
- Remote access via PSTN, LAN/WAN, DSL and ISDN
- Not compatible with NStar software



Rapid Eye Multi-Media LT

- 4 and 9 channel units, looping video inputs
- Selectable resolutions on a per camera basis
- Long term storage from 200 to 1250 camera days
- Capture rates up to 40ips
- SNTP and DHCP Client
- VxWorks (secure and stable real-time operating system)
- Single channel two way audio
- VGA or Composite output for local GUI
- Multiple serial ports for POS and/or PTZ interfaces



Rapid Eye™ Multi-Media Version 6

- Multiple resolutions up to 702 x 480, selectable per camera
- SNTP and DHCP Client
- Capture rates up to 80 ips, long term storage up to 6250 camera days
- VxWorks (secure and stable real-time operating system)
- Authenticated proprietary file format (REM) for integrity of evidence
- Administrator-definable user names and privileges
- Encrypted password protection
- Live monitoring and surveillance of multiple remote locations simultaneously via LAN/WAN or dial-up connections
- Multiple users simultaneously access same site for live and/or PTZ interfaces
- Rapid-Search events by motion and time-and-date
- Flexible communication options include LAN, WAN, Internet and PSTN
- Easy integration with existing or new CCTV equipment



Contact your Honeywell Access Systems representative for more details on Honeywell Video products or visit www.honeywellvideo.com.



Visitor Management

The lobby is your first line of defense and your visitor's first impression. With increased threats, the traditional method of using a log book and generic visitor tags leaves you vulnerable. LobbyWorks™ is a simple and effective way to gain better control of your visitor traffic. With LobbyWorks, visitors are identified, potential threats are flagged, expected visitors are pre-authorized, badges are issued, sponsors are notified, and visitors are tracked while on the premises.

THIS SECTION INCLUDES:

LobbyWorks™ Kits

LobbyWorks Software

LobbyWorks Optional Hardware

LobbyWorks Accessories

Visitor Management



Electronic Visitor Management is gaining wide acceptance as an essential part of physical security infrastructure. Visitor Management is being adopted across the board in many industries including: Pharmaceutical and Healthcare facilities, Food supply chain, Technology R&D centers, Manufacturing sites, Media and Communication companies, Government agencies, Defense contractors, Chemical production sites, Utilities, Finance and Insurance corporate offices. All have a common need to gain better visibility of their visitor traffic through consistent registration and visitor policy enforcement procedures.

Each day scores of visitors pass through the entrances to your facility. Having the ability to screen and track them can contribute substantially to the safety and protection of your personnel and property. For companies that have made significant investments in perimeter security and access control, the ability to automatically screen and track visitors is an essential part of a complete security plan. Deploying LobbyWorks™ Suite is a simple and cost effective way to:

- **Determine** who is in your facility at all times.
- **Identify** unwanted visitors.
- **Eliminate** abuse of visitor badges.
- **Protect** the confidentiality of visitors.
- **Facilitate** communication between hosts, visitors, and security personnel.
- **Improve** lobby and security desk productivity.





LWVMSSTD

LobbyWorks Standard Edition

First license for LobbyWorks networked edition. Full featured visitor management with interface to many registration devices such as: cameras, signature pad, barcode scanner, business card scanner, driver's license and passport scanner, card reader, and voice modem. Standard Edition includes LobbyWorks Front Desk, Administrator, and Reporter. Supported databases: MSDE 2000, MS-SQL 2000. LobbyWorks Standard Edition can be networked with additional Front Desk licenses (LWVMSSTDCL), Kiosk Software (LWVMSEXPCL), LobbyWorks Web Center (LWVMSEBNDL) for Web-based pre-registration, and LobbyWorks Notify (LWVMSCOM) for real-time network notification.

LWVMSSTDCL

LobbyWorks Standard Edition Additional License

Additional LobbyWorks front desk license for LobbyWorks standard edition.

LWVMSPRO

LobbyWorks Professional Edition

LobbyWorks standalone edition supports the same capabilities as Standard Edition but cannot be used to network multiple station, connect to LobbyWorks Kiosk, LobbyWorks Web Center, or LobbyWorks Notify.

LWVMSEXP

LobbyWorks Kiosk Software License

First license of LobbyWorks visitor self-registration software. May be used as standalone or in networked configuration. Self registration supports scanning visitor's card, identifying their host, capturing their picture, displaying NDA and visit instructions, obtaining real-time approval of the visit, and printing the visitor's badge. The LobbyWorks Kiosk may also dispense relevant visitor information. LobbyWorks Kiosk software may be used in conjunction with any touch screen, or the LobbyWorks Integrated Kiosk (LWVMSDIKD).

Visitor Management

LOBBYWORKS SOFTWARE

LWVMSEXPCL

LobbyWorks Kiosk Additional License

Additional LobbyWorks Kiosk license for LobbyWorks Standard Edition (LWVMSSTD) or LobbyWorks Kiosk (LWVMSEXP).

LWVMSEBNDL

LobbyWorks Web Center

Web access to LobbyWorks server to allow hosts to pre-register their visitors, and allow security to view real-time visitor traffic and validate / sign in / sign out visitor badges. One license required per site. Requires Microsoft IIS.

LWVMSRPT

LobbyWorks Reporter Additional License

Report generation utility. First license comes with Standard Edition (LWVMSSTD), Professional Edition (LWVMSPRO) and LobbyWorks Kiosk (LWVMSEXP).

LWVMSCOM

LobbyWorks Notify

Real-time network pop-up at the employee's desktop to confirm the visitor is expected upon arrival, and to confirm the visitor has left the site at the end of the expected visit period. One license required per site.

LWVMSPSE

LobbyWorks Software Upgrade

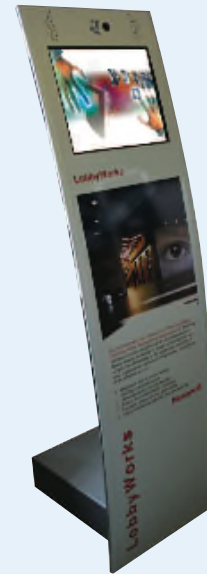
Software license upgrade from LobbyWorks Professional Edition (LWVMSPRO) to Standard Edition (LWVMSSTD).



PT-KI17LASEI002

Protouch 7000 Kiosk

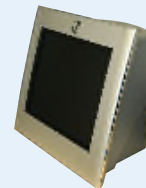
LobbyWorks 7000 Kiosk is a visitor self-registration station for high traffic or unsupervised registration. Using state of the art technology, LobbyWorks Kiosk greets arriving visitors and coaches them through a quick and simple registration process. Kiosk enclosure includes: 17" LCD screen. Dimensions: 1610 x 470 x 500 mm (Height x Width x Depth) (63.43 x 18.52 x 19.7 inches)



PT-KI17LAXXX001

Protouch Counter Kiosk

LobbyWorks Counter Kiosk is a visitor self-registration station for high traffic or unsupervised registration. Using state of the art technology, LobbyWorks Kiosk greets arriving visitors and coaches them through a quick and simple registration process. Counter Kiosk enclosure includes: 17" LCD screen. Dimensions: 46.0 x 47.0 x 33.0 cm (Height x Width x Depth) (18.5 x 19 x 13.5 inches)



PT-TOUCHSENS-17

17" Touch Sensor Display

Touch sensor display for use with Pro-Touch 7000 and Counter Kiosks.

PT-WEBCAM

Webcam

Fully integrated webcam for use with Pro-Touch 7000 and Counter Kiosks.

PT-HIFISPEAKERS

Integrated HI-FI Speakers

Hi-Fi sound system with two integrated Hi-fi Speakers for use with Pro-Touch 7000 and Counter Kiosks.

LW-PC-SPEC

PC Suitable for Pro-Touch range of Kiosks

PC for use with Pro-Touch 7000 and Counter Kiosks.

LWVMSDIKD

Full-size Touchscreen Kiosk with Integrated Computer and Components

LobbyWorks Kiosk is a visitor self-registration station for high traffic or unsupervised registration. Using state of the art technology, LobbyWorks Kiosk greets arriving visitors and coaches them through a quick and simple registration process. Kiosk enclosure includes: computer, touchscreen, camera, barcode scanner, and driver's license/business card scanner. Dimensions: 50.2" H x 16.2" W x 15.2" D (127.51cm H x 41.15cm W x 38.61cm D). Weight: 70 lbs. (31.8 kg).



LWVMSIKD

Touchscreen Kiosk with Integrated Camera and Speakers

15" touchscreen with an integrated camera and speakers. Used to display the LobbyWorks Kiosk software for visitor self-registration.



LWVMSSIG

Topaz SigLight LCD Signature Capture Pad

USB signature capture pad use to capture visitor signatures during registration. Dimensions: 3" H x 6" W x 1" D (7.62cm H x 15.24cm W x 2.54cm D).



LWVMSVB

Adhesive Visitor Badge Labels

Thermal labels for Dymo printer - 12 rolls (300 labels/roll). Prints black/white badges only.



LWVMSCVB

4" x 6" Non-Adhesive Visitor Badges

Fold-and-clip secure visitor paper badges. Can be used in ink and laser paper printers. 1,000 badges per pack. Dimensions: 4" H x 6" W (10.16cm H x 15.24cm W).



LWVMSBCS

Corex Full-Size Business Card Scanner

USB document scanner used to scan visitor business cards during registration at the LobbyWorks Front Desk or LobbyWorks Kiosk. Faster than LWVMSBCSC. Dimensions: 1.5" H x 6.2" W x 3.5" D (3.81cm H x 15.75cm W x 8.89cm D).



LWVMSBCSC

ScanShell Compact Business Card Scanner

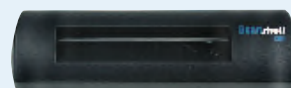
USB document scanner used to scan visitor business cards during registration at the LobbyWorks Front Desk or LobbyWorks Kiosk. Smaller than LWVMSBCS. Dimensions: 1.25" H x 7" W x 2" D (3.18cm H x 17.78cm W x 5.08cm D).



LWVMSDLS

ScanShell Business Card and Driver's License Scanner

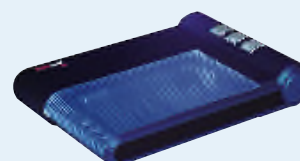
USB document scanner used to scan visitor business cards or driver's licenses during registration at the LobbyWorks Front Desk or LobbyWorks Kiosk. Check LobbyWorks documentation for supported driver's license states and countries. Dimensions: 1.25" H x 7" W x 2" D (3.18cm H x 17.78cm W x 5.08cm D).



LWVMSPPS

ScanShell Flatbed Scanner

USB document scanner used to scan visitor business cards, driver licenses or passports during registration at the LobbyWorks Front Desk or LobbyWorks Kiosk. Check LobbyWorks documentation for supported driver's license states and countries. Dimensions: 1" H x 7" W x 6" D (2.54cm H x 17.78cm W x 15.24cm D).



LWVMSDOME

Logitech Orbit PTZ Dome Camera

USB web camera, PTZ with stand. Camera may be set to perform face tracking to automatically frame the visitor in picture.



LWVMSBP

Dymo LabelWriter 330

USB, 300dpi, black/white thermal printer for visitor labels. Dimensions: 5" H x 5" W x 7" D (12.7cm H x 12.7cm W x 17.78cm D).



LWVMSOBS

Symbol LS9208 Barcode Scanner

USB omni-directional barcode scanner used to scan barcodes on visitor badges to quickly sign them in and out. Dimensions: 7.18" H x 4.83" W x 3.73" D (18.24cm H x 12.27cm W x 9.47cm D).





Readers & Credentials

Honeywell offers a comprehensive selection of readers and credentials to fit any application. From basic proximity technology to the more advanced smart card and biometric solutions – you can find the exact reader and credential solution to meet the needs of any customer.

THIS SECTION INCLUDES:

- Proximity
- Smart Technology
- Biometrics
- Magnetic Stripe
- Wiegand
- Keypads
- Barcode
- Transmitters / Receivers
- Card Accessories
- Reader Accessories
- Wireless Readers

Readers & Credentials



Honeywell's OmniProx™ offers a complete line of HID compatible 125kHz proximity readers. The new OmniClass™ family is a line of smart card readers that offer encryption and onboard memory.

In addition to the above brands, Honeywell offer a wide selection of popular readers and credentials from other manufacturers like HID and Precise Biometrics to name a few.

Benefits:

- Unprecedented choice in the type, shape, size and color for readers.
- Comprehensive offering of 125kHz proximity, magnetic stripe and keypad readers provides an economical access control solution for retrofits, expansions and new installations.
- Availability of newer technologies such as 13.56MHz smart cards and readers provides the ability to offer sophisticated access control solutions that can integrate with other enterprise functions such as logical access or financial transactions.
- Biometric solutions offer enhanced security for sensitive facilities and also bridge the gap between physical and logical security.



OMNIPROX™ PROXIMITY READERS

Honeywell Access Systems' OmniProx™ family is a complete line of 125kHz HID compatible proximity readers. All OmniProx readers (except the OP90) include three bezels: black, charcoal gray and ivory and are potted for both indoor and outdoor applications. For locations that require a proximity reader able to withstand vandal-prone environments, the OP90 vandal resistant readers come standard in zinc die-cast metal housing.

OP10HONE

OmniProx™ Mini Mullion Mount Reader with Honeywell Logo

Mini mullion, HID compatible reader with up to a 3" (7.62cm) read range and includes black, charcoal gray and ivory bezels. This reader features a built-in tamper and Wiegand output. Dimensions: 3.15" H x 1.57" W x 0.50" D (8.0cm H x 4.0cm W x 1.28cm D).

ALSO AVAILABLE:

OP10GENE

OmniProx™ Mini Mullion Mount Reader with No Logo



3 colored bezels included

OP30HONE

OmniProx™ Mullion Mount Reader with Honeywell Logo

Mullion, HID compatible reader with up to a 5" (12.7cm) read range and includes black, charcoal gray and ivory bezels. This reader features a built-in tamper and Wiegand output. Dimensions: 5.71" H x 1.69" W x 0.79" D (14.5cm H x 4.3cm W x 2.0cm D).

ALSO AVAILABLE:

OP30GENE

OmniProx™ Mullion Mount Reader with No Logo



3 colored bezels included

OP45HONE

OmniProx™ Wall Mount Reader with Honeywell Logo

UK gangbox, HID compatible reader with up to a 4" (10.16cm) read range and includes black, charcoal gray and ivory bezels. This reader features a built-in tamper and Wiegand output. Dimensions: 4.33" H x 2.95" W x 0.59" D (11.0cm H x 7.5cm W x 1.5cm D).

ALSO AVAILABLE:

OP45GENE

OmniProx™ Wall Mount Reader with No Logo



3 colored bezels included

OP90HONE

OmniProx™ Vandal Resistant Mount Reader with Honeywell Logo

Stainless steel, vandal-resistant reader with up to a 1.5" (3.81cm) read range. This reader features a built-in tamper and Wiegand output. Dimensions: 4.75" H x 3" W x 0.82" D (12.1cm H x 7.6cm W x 2.1cm D).



HID PROXIMITY READERS

HID 125kHz proximity reader family offers readers for many environments from basic UL-rated, indoor/outdoor environments to explosion-proof environments and many read-ranges from basic mini-mullion readers to longer-range parking lot readers. HID 125kHz proximity readers include models with or without keypads as well as glass-mount options. HID 125kHz proximity cards are available in both standard and custom configurations to address application needs.

PRPNTPLBK

HID ProxPoint Plus Reader, Black

Exterior or interior proximity reader with a read range up to 3" (7.62cm). The ProxPoint is designed for mounting directly on metal with no change in read range performance. Power: 4.75-16VDC. Dimensions: 3.14" H x 1.7" W x 0.51" D (7.96cm H x 4.3cm W x 1.3cm D).

ALSO AVAILABLE IN CHARCOAL GREY, BEIGE AND WHITE



PR-MINI-PROX-T

HID MiniProx Reader, Charcoal Gray (Terminal Strip)

Exterior or interior proximity reader with up to a 4" (10.16cm) read range. Charcoal gray with HID artwork. Requires 5-16VDC linear power supply. Dimensions: 6" H x 1.7" W x .7" D (15.24cm H x 4.32cm W x 1.78cm D).

ALSO AVAILABLE IN CHARCOAL GREY, BEIGE AND WHITE



PR-P-PRO

HID ProxPro Reader, Charcoal Gray

Exterior or interior proximity reader with up to an 8" (20.3cm) read range. Requires 12VDC power supply. Dimensions: 5" H x 5" W x 1" D (12.7cm H x 12.7cm W x 2.54cm D).

ALSO AVAILABLE IN BEIGE



PR-P-PRO-II

HID ProxPro II Reader, Charcoal Gray

Exterior or interior proximity reader with up to an 8" (20.3cm) read range. Requires 12VDC power supply. Dimensions: 5" H x 5" W x 1" D (12.7cm H x 12.7cm W x 2.54cm D).



PR-PROXPRO-K

HID ProxPro Reader with Keypad, Charcoal Gray

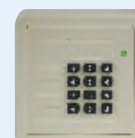
Exterior or interior keypad/proximity reader with up to an 8" (20.3cm) read range. For use with NS2, NS2+, PRO2200 and PTDEK control panels. Requires 12VDC power supply. Dimensions: 5" H x 5" W x 1" D (12.7cm H x 12.7cm W x 2.54cm D).



PR-PROXPRO-K2

HID ProxPro Reader with Keypad, Charcoal Gray

Exterior or interior keypad/proximity reader with up to an 8" (20.3cm) read range. For use with the N-1000-II, N-1000-III and N-1000-IV control panels only. Requires 12VDC power supply. Dimensions: 5" H x 5" W x 1" D (12.7cm H x 12.7cm W x 2.54cm D).

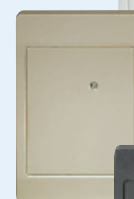
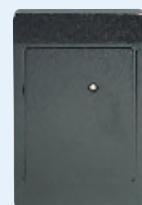


PR-THIN

HID ThinLine II Switch Plate Reader, Charcoal Gray

Exterior or interior proximity reader with up to a 5" (12.5cm) read range. Dimensions: 4.7" H x 3" W x .5" D (11.93cm H x 7.62cm W x 1.27cm D).

ALSO AVAILABLE IN BLACK, BEIGE AND WHITE



PROXIMITY CARD QUICK REFERENCE GUIDE

	26-Bit	34-Bit	HID-Card Type	Printable Card	Non-Printable Card	Key Fob	Magstripe (Un-encoded)	Notes
PVC-H-4		✓	1386	✓				
PVC-H-4-26	✓		1386	✓				
PVC-H-4-SPEC		✓	1386	✓				Special Order Card
PVC-H-4-26-SPEC	✓		1386	✓				Special Order Card
PX-4-H		✓	1326		✓			Northern Logo
PX-26-H	✓		1326		✓			Northern Logo
PX-4-H-PW		✓	1326		✓			Plain White
PX-26-H-PW	✓		1326		✓			Plain White
PX-4-H-SPEC		✓	1326		✓			Special Order Card
PX-26-H-SPEC	✓		1326		✓			Special Order Card
PX-4-H-PW-SPEC		✓	1326		✓			Special Order Card White
PX-26-H-PW-SPEC	✓		1326		✓			Special Order Card White
PX-KEY-H		✓	1346			✓		
PX-KEY-H-26	✓		1346			✓		
PX-KEY-H-SPEC		✓	1346			✓		Special Order Key Fob
PX-KEY-H-26-SPEC	✓		1346			✓		Special Order Key Fob
PVC-H-5		✓	1336	✓			✓	
PVC-H-5-26	✓		1336	✓			✓	
PVC-H-5-SPEC		✓	1336	✓			✓	Special Order Card
PVC-H-5-26-SPEC	✓		1336	✓			✓	Special Order Card

Note For Special Card Orders:

If you are requesting specific facility code(s) and/or card number(s), you must order the cards with the following added to the part number: -SPEC. For example, when ordering PX-4-H cards for a specific range of card numbers, you would specify PX-4-H-SPEC. (This does not include cards requiring custom artwork.

Please consult Honeywell Access Systems for quotation and minimum order requirements.

1. Include facility code(s) or card number(s).
2. Lead times vary. Check with your sales representative to confirm.
3. A minimum order of 100 is required on all special cards.
4. Wiegand special order cards vary +/- 5% over or under when ordered.

PX-4-H

HID Prox Card with Logo (34-Bit)

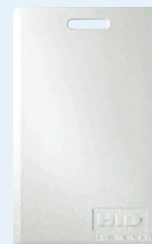
HID proximity card (34-bit) with logo and a slot hole punch on the short side. Dimensions: 2.125" H x 3.375" W x 0.070" T (5.398cm H x 8.573cm W x .178cm T).

ALSO AVAILABLE:

PX-4-H-PW

HID Prox Card, Plain White (34-Bit)

Plain white with no logo.



PX-26-H

HID Card with Hot Stamp (26-Bit) and Logo

PX-26-H-PW

HID Prox Card, Plain White (26-Bit)

Plain white with no logo.

PVC-H-4

HID PVC Prox Card (34-Bit)

HID PVC proximity card sequentially numbered where encoded number equals printed number. Allows a video photo ID to be printed directly on the card surface. This card can be used with all PVC printers.

ALSO AVAILABLE:

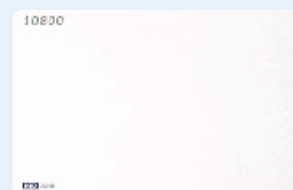
PVC-H-4-26

HID PVC Prox Card (26-Bit)

PVC-H-4-NP

Non-Programmed HID PVC Card

HID PVC proximity card non-programmed.



PVC-H-5

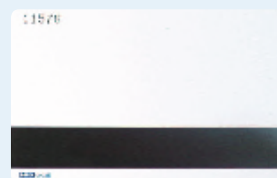
HID PVC Prox Card (34-Bit) with Magnetic Stripe (Not Encoded)

HID PVC proximity card with magnetic stripe (not encoded) sequentially numbered where encoded number equals printed number. Allows a video photo ID to be printed directly on the card surface. This card can be used with all PVC printers.

ALSO AVAILABLE:

PVC-H-5-26

HID PVC Prox Card (26-Bit) with Magnetic Stripe (Not Encoded)



PVC-H-5-NP

Non-Programmed HID PVC Card with Magnetic Stripe (Not Encoded)

PX-KEY-H

HID Proximity Card Key Fob (34-Bit)

HID proximity key fob (34-bit) designed to be carried on a user's key ring. Read ranges may be reduced by 50% when using the fob versus a card. Dimensions: 1.87" H x .925" W x .395" T (4.75cm H x 2.350cm W x 1cm T).

PX-KEY-H-26

HID Proximity Card Key Fob (26-Bit)



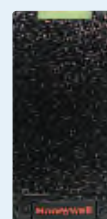
OMNICLASS™

Honeywell's new OmniClass™, contactless smart card family is based on 13.56MHz technology. The OmniClass family's encryption provides more security than standard 125kHz proximity. The OmniClass readers support ISO 14443A, 14443B and 15693, although the reader may only be able to read the card serial number on some cards. OmniClass credentials that are 16K can also store data for other applications, allowing campuses and other facilities to issue a single card. OmniClass credentials include multi-technology cards with OmniClass, HID prox and/or magnetic stripe.

OM30BHONA

OmniClass Mullion Reader, Black

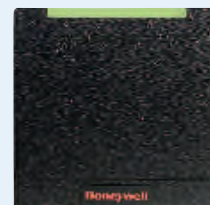
Black-colored, Honeywell OmniClass, mullion-style smart card reader with 18" pigtail wire connection. Compatible with OmniClass and iCLASS credentials. Up to 3.0" (7.6cm) read range. Requires 10-16VDC linear power supply. Current requirements: 65mA average, 225mA peak. Dimensions: 4.04" H x 1.90" W x .80" D (10.26cm H x 4.83cm W x 2.03cm D).



OM45BHONA

OmniClass UK/Asian Gang, Black

Black-colored, Honeywell OmniClass, UK/Asian gangbox-style smart card reader with 18" pigtail wire connection and magnetic tamper. Compatible with OmniClass and iCLASS credentials. Up to 3.0" (7.6cm) read range. Requires 10-16VDC linear power supply. Current requirements: 80mA average, 260mA peak. Dimensions: 3.30" H x 3.30" W x .75" D (8.38cm H x 8.38cm W x 1.91cm D).



OM55BHONA

OmniClass Keypad RDR, Black

Black-colored, Honeywell OmniClass, keypad smart card reader with 18" pigtail wire connection and magnetic tamper. Compatible with OmniClass and CLASS credentials. Up to 4.0" (10.1cm) read range. Requires 10-16VDC linear power supply. Current requirements: 72mA average, 244mA peak. Dimensions: 4.80" H x 3.30" W x .90" D (12.19cm H x 8.38cm W x 2.29cm D).



OKP0N34

OmniClass 2K PVC Card (34-Bit, HAS Format)

OmniClass 2K PVC smart card. 34-bit Wiegand format.



OKP0N26

OmniClass 2K PVC Card (26-Bit)

OmniClass 2K PVC smart card. 26-bit Wiegand format.

OKP2N34

OmniClass 16K PVC Card (34-Bit, HAS Format)

OmniClass 16K PVC smart card with 16 application areas. 34-bit Wiegand format.



OKP2N26

OmniClass 16K PVC Card (26-Bit)

OmniClass 16K PVC smart card with 16 application areas. 26-bit Wiegand format.

OKP2M34

OmniClass 16K PVC Magnetic Card (34-Bit, HAS Format)

OmniClass 16K PVC smart card. 34-bit Wiegand format. This card also includes a user-programmable magnetic stripe for interfacing with legacy systems.



OKP2M26

OmniClass 16K PVC Magnetic Card (26-Bit)

OmniClass 16K PVC smart card. 26-bit Wiegand format. This card also includes a user-programmable magnetic stripe for interfacing with legacy systems.

OKH2N34

OmniClass 16K PVC 125kHz HID Proximity Card (34-Bit, HAS Format)

OmniClass 16K PVC smart card with 16 application areas. 34-bit Wiegand format. This card also includes a 125kHz HID proximity chip of the same Wiegand format.



OKH2N26

OmniClass 16K PVC 125kHz HID Proximity Card (26-Bit)

OmniClass 16K PVC smart card. 26-bit Wiegand format. This card also includes a 125kHz HID proximity chip of the same Wiegand format.

NOTE: 34-Bit HAS format is recommended as it allows the most flexibility for future access control system expansions.

OKH2M34

OmniClass 16K PVC 125kHz HID Proximity Card with Magnetic Stripe (34-Bit, HAS Format)

OmniClass 16K PVC smart card with 16 application areas. 34-bit Wiegand format. This card also includes a 125kHz HID prox chip of the same Wiegand format and a user-programmable magnetic stripe.



OKH2M26

OmniClass 16K PVC 125kHz HID Proximity Card with Magnetic Stripe (26-Bit)

OmniClass 16K PVC smart card. 26-bit Wiegand format. This card also includes a 125kHz HID proximity chip of the same Wiegand format and a user-programmable magnetic stripe.

OKS2N34

OmniClass 16K Sticker (34-Bit, HAS Format)

OmniClass 16K smart sticker with 16 application areas. 34-bit Wiegand format with more memory.



OKS2N26

OmniClass 16K Sticker (26-Bit)

OKK2N34

OmniClass 16K Key Fob (34-Bit, HAS Format)

OmniClass 16K smart key fob with 16 application areas. 34-bit Wiegand format with more memory.



OKK2N26

OmniClass 16K Key Fob (26-Bit)

NOTE: 34-Bit HAS format is recommended as it allows the most flexibility for future access control system expansions.

Note For Special Card Orders:

If you are requesting specific facility code(s) and/or card number(s), you must order the OmniClass cards with the following added to the part number: SP. For example, when ordering OKP0N26 cards for a specific range of card numbers, you would specify OKP0N26SP. (This does not include cards requiring custom artwork. Please consult Honeywell Access Systems for quotation and minimum order requirements.)

1. Include facility code(s) or card number(s).
2. Lead times vary. Check with your sales representative to confirm.
3. A minimum order of 100 is required on all special cards.

BIOMETRICS

Technology-proven fingerprint and hand geometry readers enable security managers to ensure that the person with the card is the person to whom the card was issued. Biometric solutions are encouraged for high-security facilities or locations within a facility. When installing readers outdoors, please review needs for enclosures, heaters and/or cooling fans.

PRBIORDR

Mifare™ BioAccess Reader Fingerprint and Smart Card Reader

Precise BioAccess is a plug and play fingerprint reader utilizing the template stored on a Mifare contactless smart card. Easy integration with systems that use Wiegand 26-, 60- or 56-bits, clock & data (magstripe) or serial communications. Dimensions: 5.0" H x 2.75" W x 2.5" D (12.5cm H x 6.8cm W x 6.1cm D).



PRBIOENRU

Mifare BioAccess Enrollment Kit 115V, USB Fingerprint Reader

Enrollment kit places the fingerprint template and card data on the Mifare contactless smart card for use with the Precise BioAccess fingerprint reader. Includes Windows® 98/NT/2000/XP software, USB fingerprint reader, and a 9-pin serial port Mifare card reader/writer with 115V transformer. Includes USB connection cable and power supply.



ALSO AVAILABLE:

PRBIOENRP

Mifare BioAccess Enrollment Kit 115V, Parallel Port Fingerprint Reader

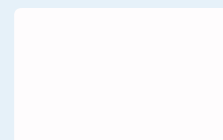
Includes parallel port fingerprint reader.

SMART TECHNOLOGY – MIFARE™ CREDENTIALS

PVCMIFAR1

PVC Mifare Card for Use with BioAccess Reader

Un-programmed ISO Mifare card.



V-PASS

V-Pass™ Fingerprint Only Reader, No Card Needed for Access, Up to 200 Templates

V-Pass biometric fingerprint only reader is a biometric reader for security and access control. The unit identifies the user from up to 200 templates stored in the terminal without use of card or PIN. Operating temperature range: 32° to 140° F (0° to 60° C). Dimensions: 5.1" H x 2" W x 2.5" D (13cm H x 5cm W x 6.6cm D).



V-FLEX

V-Flex™ Add-On Fingerprint Reader for any Wiegand Reader

V-Flex add-on biometric fingerprint reader is a dual factor reader for security and access control. It connects to any external Wiegand based reader and verifies the live fingerprint for the Wiegand reader user against the template stored in the V-Flex reader and allows for Wiegand communication formats up to 64 bits. Up to 4,500 templates, includes administration software. Operating temperature range: 32° to 140° F (0° to 60° C). Dimensions: 5.1" H x 2" W x 2.5" D (13cm H x 5cm W x 6.6cm D).



V-PROX

V-Prox™ Fingerprint Reader w/HID Prox Reader, 4,500 Templates, includes Software

V-Prox reader w/HID prox reader is a dual factor reader for security and access control. It verifies the live fingerprint for the proximity card user against the template stored in the reader and allows for Wiegand communication formats up to 64-bits. Up to 4,500 templates, includes administration software. Operating temperature range: 32° to 140° F (0° to 60° C). Dimensions: 5.1" H x 2" W x 2.5" D (13cm H x 5cm W x 6.6cm D).



VENC

V-Prox/V-Pass/V-Flex Outdoor Enclosure

Dimensions: 11.5" H x 8.07" W x 5.5" D (29.2cm H x 20.5cm W x 14.0cm D). Lid lifts up and is 11.25" H x 9.25" W (28.6cm H x 23.5cm W).

ALSO AVAILABLE:

VENC-HT

V-Prox/V-Pass/V-Flex Outdoor Enclosure with Heater

VENC-W

V-Prox/V-Pass/V-Flex Outdoor Enclosure with Window

VENC-W-HT

V-Prox/V-Pass/V-Flex Outdoor Enclosure with Window & Heater



PRO22CVT1

RS-232 TO RS-485 Interface

(Requires 9 Volt DC 200mA Power Supply CVT1PSU).



CVT1PSU

Power Supply

Linear regulated 3-pin 13amp plug top, 9 Volt OHDC 200mA power supply.

V-SMART-ICLASS

V-Smart™ with HID iClass 13.56MHz Reader

V-Smart with HID iClass/OmniClass 13.56MHz reader is a dual factor reader for security and access control. It verifies the live fingerprint against the template stored in the 16K smart card and allows for Wiegand communication formats up to 64 bits. Operating temperature range: 32° to 140° F (0° to 60° C). Dimensions: 5.1" H x 4.7" W x 2.5" D (13cm H x 11.8cm W x 6.4cm D).

ALSO AVAILABLE:

V-SMART-MIFARE

V-Smart with Mifare 13.56MHz Reader



V-TENC-W

V-Smart Outdoor Enclosure with Window

Dimensions: 11.5" H x 8.07" W x 5.5" D (29.2cm H x 20.5cm W x 14.0cm D). Lid lifts up and is 11.25" H 9.25" W x (28.6cm H x 23.5cm W). Reader not included.



V-STATION-BASE

V-Station Base Model with LCD Display

Up to 3,550 Templates

A fingerprint biometric terminal for use with security and access control systems, V-Station includes LCD display and keypad. The fingerprint is verified against the template stored in the terminal after it has been chosen by PIN or external Wiegand device. Up to 3,550 templates stored in each terminal. Operating temperature range: 32° to 140° F (0° to 60° C). Dimensions: 5.63" H x 6.63" W x 2.63" D (14.3cm H x 16.8cm W x 6.7cm D).



V-STATION-BASE-S

V-Station Base Model with LCD and Display, Search,

Up to 200 Templates

Includes LCD display, keypad and fingerprint identification. Identifies the user from up to 200 templates stored in the terminal without use of card or PIN.



V-STATION-PROX

V-Station Base Model with LCD & HID 125kHz Proximity Reader

A fingerprint biometric terminal for use with security and access control systems, V-Station includes LCD display, keypad and fingerprint identification. The fingerprint is verified against the template stored in the terminal after it has been chosen by PIN or internal proximity reader. Up to 3,550 templates stored in each terminal. Operating temperature range: 32° to 140° F (0° to 60° C). Dimensions: 5.63" H x 6.63" W x 2.63" D (14.3cm H x 16.8cm W x 6.7cm D).



ALSO AVAILABLE:

V-STATION-ICLASS

V-Station Base Model with LCD & HID iClass Reader

Includes LCD display, keypad & HID iClass/OmniClass Reader. The fingerprint is verified against the template stored in the 16K iClass or OmniClass smart card. Unlimited users as the template is stored and transported on the card.

V-STATION-MIFARE

V-Station Base Model with LCD & Mifare™ Reader

Includes LCD display, keypad and Mifare reader. The fingerprint is verified against the template stored in the Mifare contactless smart card. Unlimited users as the template is stored and transported on the card.

V-NENC

V-Station™ Outdoor Enclosure Only

Dimensions: 11.5" H x 9.25" W x 5.5" D (29.2cm H x 23.5cm W x 14.0cm D). Lid lifts up and is 11.25" H x 9.25" W (28.6cm H x 23.5cm W).

ALSO AVAILABLE:

V-NENC-HT

V-Station Outdoor Enclosure with Heater

V-NENC-W

V-Station Outdoor Enclosure with Window

V-NENC-W-HT

V-Station Outdoor Enclosure with Window and Heater



IR-HK-2

HandKey CR Hand Geometry Reader

Biometric hand geometry reader, 512 users. Operating temperature range: 32° to 113° F (0° to 45° C) with 20 to 80% relative humidity non-condensing. Dimensions: 11.65" H x 8.85" W x 8.55" D (29.6cm H x 22.3cm W x 21.7cm D).

IR-HK-2-ICLASS

HandKey CR Hand Geometry Reader with iClass Smart Card Reader

Biometric hand geometry reader including an iClass/OmniClass smart card reader. Templates are stored on the smart card.

IR-HK-2-PROX

HandKey Hand Geometry Reader with HID Proximity Reader

HG-4 HandKey biometric reader with internal HID proximity reader.

IR-HK-CM

HandKey II Standalone Hand Geometry Reader

Standalone biometric hand geometry reader with two auxiliary and a door egress input and three auxiliary outputs, for interior usage, 512 users.



IR-EN-200

Ethernet Module for HG4

10Base-T with RJ-45 connector. Must be ordered at time of purchase in order to be installed at the factory. Cannot be installed in the field.

HGHNR5

Handnet for Windows®, 5 Reader License (Includes RS-485 Interface)

HandNet for Windows® software is used to link HandKey units into an integrated system. All alarms and transactions will report back to a central computer in real time, making monitoring easy and efficient. System user activity reports are easily created and printed. Up to 5 readers supported.

ALSO AVAILABLE: HGHNR25

Handnet for Windows®, 25 Reader License (Includes RS-485 Interface)

Up to 25 readers supported.

HGHNRUNL

Handnet for Windows®, Unlimited Reader License (Includes RS-485 Interface)

Unlimited number of readers supported.

IR-EM-801

Memory Expansion for HG-4 and HG4-II

Memory expansion software key for HG-4 and HG4-II built after 2003 – 9,728 users.



IR-EM-800

Template Memory Upgrade for HG-4/HG4-II

Memory expansion EEPROM chip for HG-4 and HG4-II – 9,728 users.



IR-EM-803

Template Memory Upgrade for HG-4/HG4-II

35,512 template memory upgrade for HG-4/HG4-II.

IR-HURCNE

HG4 Hurricane Outdoor Enclosure

A direct weather enclosure made from high-impact ABS plastic for the HG-4 and HG4-II hand geometry readers. The generous lid offers protection from rain by opening in an upward direction. Operating temperature range: -20° to 120° F (-29° to 49° C) when using internal heater option. Dimensions: 14" H x 12" W x 10.5" D (58.5cm H x 35.6cm W x 29.3cm D).



IR-DC103P-220

RS232 to 2-Wire RS485 Interface for HG4 Reader

Data converter for 2-wire system RS-232 to RS-485 with 220V, 50Hz power supply.

NR-5

Wide Gap Magnetic Stripe Reader, Track 2

ISO track 2 magnetic stripe card reader for interior or exterior use. Supports NC format 32-bit Wiegand and ABA track 2 encoding (consult factory for special configurations when using existing ABA encoded cards). Tri-color LED indication and fully encapsulated construction. Operating temperature range: -22° to 131° F (-30° to 55° C). Dimensions: 4.52" H x 1.8" W x 1.56" D (11.3cm H x 4.5cm W x 3.9cm D).



NR-2-WR

Exterior/Interior Magnetic Stripe Reader, Track 1

Track 1 magnetic stripe card reader for interior or exterior use. Metal construction (cast zinc) for heavy duty applications. Surface mount. Supports NC format 32-bit Wiegand and ABA track 1 encoding (consult factory for special configurations when using existing ABA encoded cards). Dimensions: 1.5" H x 1.6" W x 6.25" D (3.9cm H x 4.0cm W x 16cm D). Operating temperature range: -40° to 185° F (-40° to 85° C).



MAGNETIC STRIPE CREDENTIALS

NC-2

NC Magnetic Stripe Card (32-Bit)

Magnetic stripe cards with 32-bit NC encoding. Designed to work with the NR-5 magnetic stripe readers. Encoded on high-energy magnetic stripe for long life. Includes hot stamp number equal to encoded number. Dimensions: 2.125" H x 3.375" W x .030" T (5.398cm H x 8.573cm W x .079cm T).



ALSO AVAILABLE:

NC-2-26

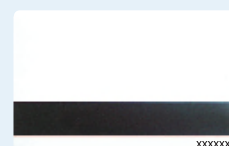
Magnetic Stripe Card (26-Bit)

Magnetic stripe card with 26-bit encoding. Designed to work with the NR-5 magnetic stripe readers.

PVC-M-1

Magnetic Stripe Encoded PVC Card with Printed Number (32-Bit)

Plain white PVC high-energy magnetic stripe card. This card can be used with all PVC printers. Dimensions: 2.125" H x 3.375" W x .030" D (5.398cm H x 8.573cm W x .076cm D).



ALSO AVAILABLE:

PVC-M-2

Magnetic Stripe PVC Card, No Hot Stamp (32-Bit)

PVC-M-4

PVC 3 Track Low Coercivity, Not Encoded, Blank

CR-1

Wiegand Swipe Reader, Black

Black Wiegand swipe card reader. Can be used exterior or interior. Surface mount. Compatible with all Wiegand cards except the SC-2-A and NC-1100008. Dimensions: 2.3" H x 5.3" W x 1.7" D (6.0cm H x 13.6cm W x 4.5cm D).

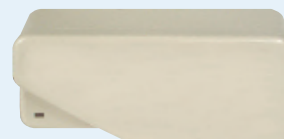


ALSO AVAILABLE:

CR-1B

Wiegand Swipe Reader, Beige

Beige Wiegand swipe card reader. Can be used exterior or interior. Surface mount. Compatible with all Wiegand cards except the SC-2-A and NC-1100008. Dimensions: 2.3" H x 5.3" W x 1.7" D (6.0cm H x 13.6cm W x 4.5cm D).



AR-1

Epic Reader Black

Black ergonomic design Wiegand swipe reader using the same mounting pattern as the HU/W3100340 (standard Wiegand swipe reader). Compatible with all Wiegand cards except the SC-2-A and NC-1100008. Dimensions: 2.63" H x 5.88" W x 1.75" D (6.67cm H x 14.93cm W x 4.45cm D). Operating temperature range: -40° to 158° F (-40° to 70° C).



CI-1

Wiegand Insertion Reader

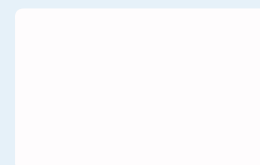
Wiegand insertion card reader. Can be used exterior or interior. Flush mount on a triple gang box using mounting plate (CI-MP). Compatible with all Wiegand cards except the SC-2-A and NC-1100008. Dimensions: 2.0" H x 3.2" W x 3.0" D (5.1cm H x 8.2cm W x 7.6cm D).



SC-2

Wiegand Card, Hot Stamp (26-Bit)

Wiegand 26-bit NC format card with printed number on card equal to encoded number. Compatible with all Wiegand readers except the CI-2 or NC-2802001. SC-2 cards feature Northern artwork and logo. Dimensions: 3.375" H x 2.125" W (8.573cm H x 5.398cm W).



ALSO AVAILABLE:

SC-1

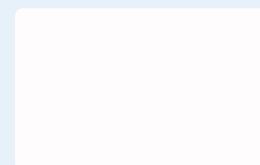
Wiegand Card, No Hot Stamp (26-Bit)

Wiegand 26-bit NC format card with no numbers stamped on card. Compatible with all Wiegand readers except the CI-2 or NC-2802001. SC-1 cards feature Northern artwork and logo. Dimensions: 3.375" H x 2.125" W (8.573cm H x 5.398cm W).

PVC-W-3

Wiegand PVC Card, 2 Side Printable, Glossy (26-Bit)

Wiegand card (26-bit) with two glossy sides to print on using the PVC printer (can be used with all PVC printers). No hot stamped number. Compatible with all Wiegand readers except the CI-2. Dimensions: 3.375" H x 2.125" W (8.573cm H x 5.398cm W).

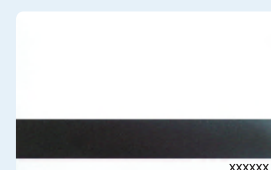


ALSO AVAILABLE:

PVC-W-4

Wiegand/Magnetic Stripe Card, 1 Side Printable, Hot Stamp, Glossy (26-Bit)

Wiegand card (26-bit) with one glossy side to print on using the PVC printer (can be used with all PVC printers). Printed number on card equals the encoded number. Compatible with all Wiegand readers except the CI-2. Dimensions: 3.375" H x 2.125" W (8.573cm H x 5.398cm W).



Readers & Credentials

KEYPADS

KP-10

Exterior/Interior Piezo Matrix Keypad, Stainless

Exterior or interior keypad. Brushed stainless steel, piezo electric with audio and visual feed-back, 12 wire hook-up, mounts on a single gang box. Used only with the N-1000-II, III and IV in card and pin configuration. Dimensions: 5.125" H x 3.375" W x .5" D (13.02cm H x 8.57cm W x 1.27cm D). Operational temperature range: -40° to 160° F (-40° to 71° C).

ALSO AVAILABLE:

KP-10-BRASS

Exterior/Interior Piezo Matrix Keypad, Brass Face Plate

Shiny brass finish on bezel - brushed brass on touchpad.



KP-11

Exterior/Interior Piezo Keypad 5 Wire Matrix (32-Bit), Stainless

Exterior or interior keypad. Brushed stainless steel, piezo electric with audio and visual feed-back, 32-bit Wiegand style output, mounts on a single gang box. Dimensions: 5.125" H x 3.375" W x .5" D (13.02cm H x 8.57cm W x 1.27cm D). Operating temperature range: -40° to 160° F (-40° to 71° C).

ALSO AVAILABLE:

KP-11-26

Exterior/Interior Piezo Keypad 5 Wire Matrix (26-Bit), Stainless

26-bit Wiegand style output, mounts on a single gang box.



KP-12

Exterior/Interior 2 x 6 Mullion Matrix Keypad, Stainless

Exterior or interior 11 conductor keypad suitable for mounting on mullion frames. The keypad area uses a stainless steel overlay. Used only with the N-1000-II, N-1000-III and N-1000-IV in card and pin configuration. Dimensions: 7.5" H x 1.75" W x .75" D (19.05cm H x 4.45cm W x 1.91cm D). Operating temperature range: -40° to 158° F (-40° to 70° C).

ALSO AVAILABLE:

KP-12-BRA

Exterior/Interior 2 x 6 Mullion Matrix Keypad, Braille Face Plate

The keypad area uses a braille overlay.

KP-12-BRS

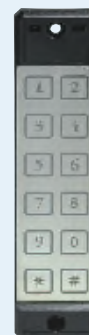
Exterior/Interior 2 x 6 Mullion Matrix Keypad, Brass Face Plate

The keypad area uses a brass overlay.

KP-12-ILL

Exterior/Interior 2 x 6 Mullion Matrix Keypad, Illuminated Face Plate

The keypad area uses an illuminated, translucent lexan overlay.



Readers & Credentials

KEYPADS

KP-13

Exterior/Interior 2 x 6 Mullion Keypad 5 Wire Matrix (32-Bit)

Exterior or interior 5 conductor, 32-bit Wiegand keypad suitable for mounting on mullion frames. The keypad area uses a stainless steel overlay. Dimensions: 7.5" H x 1.75" W x .75" D (19.05cm H x 4.45cm W x 1.91cm D). Operating temperature range: -40° to 158° F (-40° to 70° C).

ALSO AVAILABLE:

KP-13-26

Exterior/Interior 2 x 6 Mullion Keypad 5 Wire Matrix (26-Bit)

Exterior or interior 5 conductor, 26-bit Wiegand keypad suitable for mounting on mullion frames. The keypad area uses a stainless steel overlay. Dimensions: 7.5" H x 1.75" W x .75" D (19.05cm H x 4.45cm W x 1.91cm D). Operating temperature range: -40° to 158° F (-40° to 70° C).

KP-13-BRA

Exterior/Interior 2 x 6 Mullion Keypad 5 Wire Matrix, Braille Face Plate

The keypad area uses a braille overlay.

KP-13-BRS

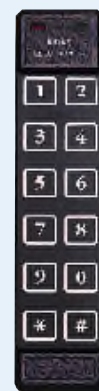
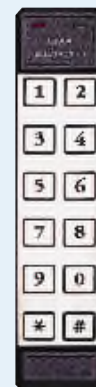
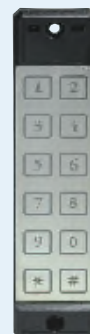
Exterior/Interior 2 x 6 Mullion Keypad 5 Wire Matrix, Brass Face Plate

The keypad area uses a brass overlay.

KP-13-ILL

Exterior/Interior 2 x 6 Mullion Keypad 5 Wire Matrix, Illuminated Face Plate

The keypad area uses an illuminated, translucent lexan overlay. Requires a separate 5V @ 200mA DC supply if more than one keypad or reader is used in the panel for illumination and keypad operation.



BR-7

Barcode Reader Exterior/Interior, Infrared

Weather resistant, surface mount, bi-directional, infrared barcode swipe reader with cast aluminum housing and red/green LED. Reads most barcode formats including code 39 and interleaved 2 of 5. Standard outputs are 5 digit Wiegand (card number 1-65,535) and up to 12 digits (card number 1 - 999,999,999,999). To ensure proper operation on existing cards, sample cards should be sent to the factory for verification and proper format programming. Dimensions: 2" H x 6" W x 1.75" D (5.08cm H x 15.24cm W x 4.445cm D).



ALSO AVAILABLE:

BR-VL

Barcode Reader Exterior/Interior, Visible Light

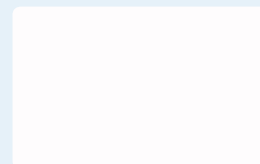
Weather resistant, surface mount, bi-directional, visible light barcode swipe reader with cast aluminum housing and red/green LED. All other specifications equivalent to BR-7.



BC-2

Barcode Card, Code 39

Barcode cards encoded code 39 for use with the BR-7 barcode reader. Dimensions: 2.125" H x 3.375" W (5.398cm H x 8.573cm W).



ALSO AVAILABLE:

BCP-2-SPEC

Barcode Card with Photo Flap and Mask, Code 39

BC-2-M

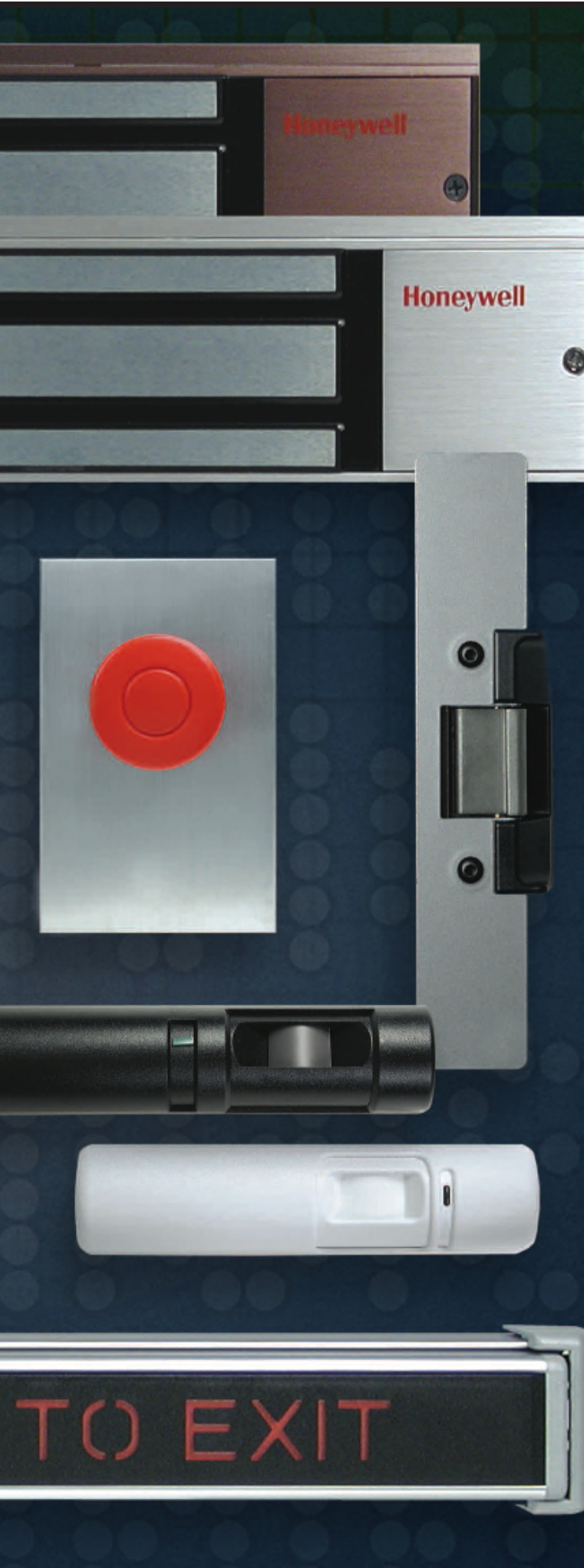
Barcode Card with Mask, Code 39

BC-LBL

Barcode Label, 32/Sheet, Code 39

Barcode labels for use with the BR-7 barcode reader. Consists of a sheet of 32 peel off barcode labels. Dimensions: .625" H x 3" W (1.59cm H x 7.62cm W).





Egress Devices

Through its strategic partners, Honeywell offers locking and egress solutions to fit any application.

All products have been tested with Honeywell products and provide an excellent opportunity for dealers to increase their revenue on their next installation.

THIS SECTION INCLUDES:

Egress Devices

IS310WH

Request to Exit Passive Infra Red Detector, White

Accurate passive infrared detector for use in opening automated doors. Also for access control systems in automated request to exit purposes without a pushbutton.



IS310BL

Request to Exit Passive Infra Red Detector, Black

Accurate passive infrared detector for use in opening automated doors. Also for access control systems in automated request to exit purposes without a pushbutton.





Cable

Honeywell provides a full range of low-voltage cable options for access control. All cables have been tested to ensure contact integrity, high mechanical strength and long lasting service. Honeywell cables are colour-coded for device identification of panels, readers, communications and alarm circuits.

PRODUCT USAGE GUIDE

Product Use	Color	AWG	# of Cond.	NON-PLENUM		PLENUM
				500 Feet	1,000 Feet	1,000 Feet
Panel Communications (RS-485)	Tan	24	4	NC2441-TN-500	NC2441-TN	NCP2441-TN
Reader Cable	Blue	18	6	NC1861-BL-500	NC1861-BL	NCP1861-BL
Reader (No LED Control)	Gray	18	4	N/A	NC1841-GY	NCP1841-GY
Keypad (10-Wire Matrix)	Yellow	18	12	NC18121-YL-500	NC18121-YL	NCP18121-YL
Door Contact & PIR	Pink	18	6	N/A	NC1861-PK	NCP1861-PK
Power - Locking Hardware	Orange	18	2	N/A	NC1821-OR	NCP1821-OR
Alarm Points	Brown	22	2	N/A	NC2221-BR	NCP2221-BR

NC2441-TN

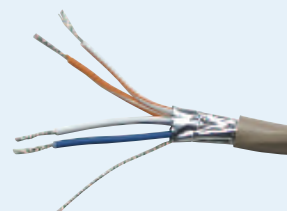
24AWG/4 Conductor Panel/Communications Cable, Tan – 1000'

1000' (304.8m) of tan PVC-jacketed cable used for RS-485 communication interface to control panels. 4 conductor twisted 24AWG stranded copper wire with overall foil shield and a 24AWG tinned copper drain wire. Nominal impedance of 120 ohms and nominal capacitance of 12.7pf/ft.

ALSO AVAILABLE:

NC2441-TN-500

24AWG/4 Conductor Panel/Communications Cable, Tan – 500'



NC1861-BL

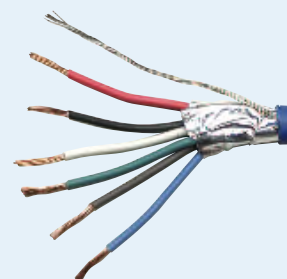
18AWG/6 Conductor Reader Cable, Blue – 1000'

1000' (304.8m) of blue PVC-jacketed cable used for readers and Wiegand style keypads (KP-11 or KP-13). 6 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.

ALSO AVAILABLE:

NC1861-BL-500

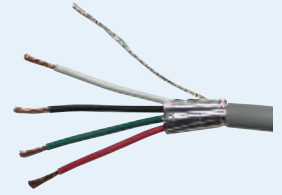
18AWG/6 Conductor Reader Cable, Blue – 500'



NC1841-GY

18AWG/4 Conductor Reader Cable, Gray – 1000'

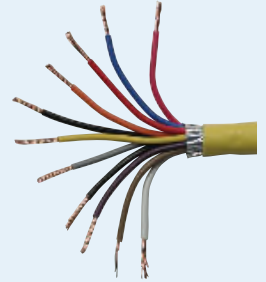
1000' (304.8m) of gray PVC-jacketed cable used for readers that do not require the LED line or use an external power supply at the reader. Can also be used for PIR power and contact. 4 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NC18121-YL

18AWG/12 Conductor Keypad Cable, Yellow – 1000'

1000' (304.8m) of yellow PVC-jacketed cable used for the KP-10 or KP-12 keypads. 12 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



ALSO AVAILABLE:

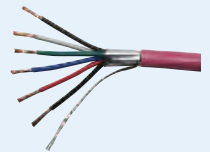
NC18121-YL-500

18AWG/12 Conductor Keypad Cable, Yellow – 500'

NC1861-PK

18AWG - 6 Conductor PVC Door Contact & PIR Cable, Pink – 1000'

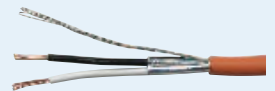
1000' (304.8m) of pink-colored PVC-jacketed cable used for door contact, PIR and power for PIR. 6 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NC1821-OR

18AWG/2 Conductor Power/Door Cable, Orange – 1000'

1000' (304.8m) of orange PVC-jacketed cable used for the power connections to the locking hardware. 2 conductors twisted of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NC2221-BR

22AWG/2 Conductor Alarm Cable, Brown – 1000'

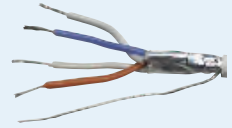
1000' (304.8m) of brown PVC-jacketed cable used for alarm points. 2 conductors of 22AWG stranded copper wire with overall aluminum/mylar foil shield and a 24AWG stranded tinned copper drain wire.



NCP2441-TN

24AWG/4 Conductor Panel/Communications Cable, Tan – 1000'

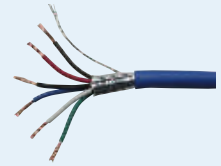
1000' (304.8m) of tan PVC-jacketed plenum cable used for RS-485 communication interface to control panels. 4 conductor twisted 24AWG stranded copper wire with overall foil shield and a 24AWG tinned copper drain wire. Nominal impedance of 120 ohms and nominal capacitance of 12.7pf/ft.



NCP1861-BL

18AWG/6 Conductor Plenum Reader Cable, Blue – 1,000'

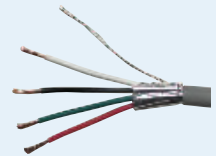
1000' (304.8m) of blue PVC-jacketed plenum cable used for readers and Wiegand style keypads (KP-11 or KP-13). 6 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire



NCP1841-GY

18AWG/4 Conductor Plenum Reader Cable, Gray – 1,000'

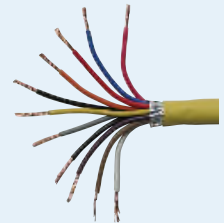
1,000' (304.8m) of gray-jacketed plenum cable used for readers that do not require LED line or use an external power supply at the reader. Also used for PIR power & contact. 4 conductors of 18AWG stranded copper wire with overall alum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NCP18121-YL

18AWG/12 Conductor Plenum Keypad Cable, Yellow – 1,000'

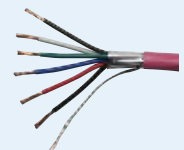
1000' (304.8m) of yellow-jacketed plenum cable used for the KP-10 or KP-12 keypads. 12 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NCP1861-PK

18AWG/6 Conductor Plenum Door Contact & PIR Cable, Pink – 1,000'

1000' (304.8m) of pink-jacketed plenum cable used for door contact, PIR and PIR power. 6 conductors of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NCP1821-OR

18AWG/2 Conductor Plenum Power/Door Cable, Orange – 1,000'

1000' (304.8m) of orange-jacketed plenum cable used for the power connections to the locking hardware. 2 conductors twisted of 18AWG stranded copper wire with overall aluminum/mylar foil shield and a 22AWG stranded tinned copper drain wire.



NCP2221-BR

22AWG/2 Conductor Plenum Alarm Point Cable, Brown – 1,000'

1000' (304.8m) of brown-jacketed plenum cable used for alarm points. 2 conductors of 22AWG stranded copper wire with overall alum/mylar foil shield and a 24AWG stranded tinned copper drain wire.





Services

In addition to leading-edge products, Honeywell Access Systems offers a wide variety of services that help dealers improve margin and grow their business. From on-site support, training and database services to our web-based Customer Information Management (CIM) system, Honeywell delivers a broad spectrum of programs that offer unrivaled dealer support and investment protection.

THIS SECTION INCLUDES:

Customer Information Management System (CIM)

Factory and On-Site Training

Database Services

On-Site Services

Technical Services & Support

Services

FACTORY AND ON-SITE TRAINING

Registration and Schedules

New dealers can contact their Honeywell sales representative for further details.

Classes

Because we limit the size of our classes in order to provide hands-on training, early registration is highly recommended. All dates and locations are subject to change.

Audience

Installation Technicians, Service Technicians and Project Managers comprise the majority of students who attend our training classes.

Certification Credentials

Students who attend and pass a WIN-PAK or PassPoint course exam will receive a Training Certification ID card in the mail. Students who attend and pass our training courses will receive a Training Certificate. This credential may be needed at some sites prior to placing a request to Honeywell Access Systems for technical support.

DATABASE SERVICES

Honeywell Access Systems provides a variety of database services including repairs and upgrades, custom reports and card tests for the Honeywell Access Systems product line. Expedited services are also available. All database services, whether normal or expedited, are available at the factory only. Contact help@honeywellaccess.com for further information. Contact your local Honeywell representative for further information.

ON-SITE SERVICES

Honeywell Access Systems' on-site services offer great value to our customers. Our highly trained staff of Regional Technical Managers (RTM's) offers two different types of on-site services:

- **On-Site Troubleshooting Assistance** – If a job site has developed a problem that proves too complex for the Dealer to handle without assistance, a Honeywell RTM may be dispatched to the job site after an assessment is made by a Honeywell inside technical support professional and the customer. Please refer to the pricing summary for current rates. Please contact your local Honeywell representative for current rates and availability.
- **Planned On-Site Commissioning** – An RTM is available to visit an end user site or customer location to assist with system commissioning. Training, troubleshooting, diagnostics, consulting and advanced level programming are

among the commissioning-related services that a Honeywell RTM can provide.

Our system commissioning service is designed to assist the Dealer with the process of turning over a complete Security Management System project using Honeywell products. Honeywell Access Systems assumes that installation is essentially complete prior to an on-site visit. Although the Honeywell RTM performs primarily system specific tasks, we also offer the flexibility to cover items outside of our normal scope of services. This allows us to provide custom solutions that best meet the needs of each customer. Please refer to the pricing summary for current rates. Planned on-site services may be arranged by visiting the Honeywell Access Systems' Customer Information Management (CIM) web site at www.hascim.com. After navigating to the site, click on the Dealer link and the site will direct you to the log in screen. If you do not have ready access to the CIM, alternatively, please contact Honeywell Customer Service and Support at (800) 323-4576 for scheduling and pricing.

TECHNICAL SUPPORT

The Honeywell Technical Support Department's mission is to assist Honeywell dealers with issues they may encounter with Honeywell products. We are proud of our Technical Support Team, and we strive each day to be the best.

Who is Supported

The Honeywell Technical Support Team supports the customers of Honeywell, and we do not make it a policy to assist the end-user (site) directly. An authorized Honeywell dealer must be involved in all support calls unless agreement is reached in advance with Honeywell management.



Additional Information

Honeywell's wide assortment of products allows dealers to tailor a complete access control system for any facility.

THIS SECTION INCLUDES:

System Configurations

Honeywell Sales Policy

Access Control

- Cardholder capacity: Unrestricted with WIN-PAK™ 2005 software host grant feature
- Operators: One or five concurrent
- Time zones: Unrestricted
- Holidays: 32 (2 types with NS2+)
- Server client protocols: TCP/IP
- On-line transaction storage: Limited only by drive space
- Elevator control: Up to 24 floors and 32 definitions with N-1000 Control Panel
- Operators/passwords: Unlimited
- 40 User-defined cardholder data fields per account
- First valid card in unlocks door/activates time zone with NS2+

Alarm Monitoring

- Monitor points: 126,480 per system
- Sound files played per event status
- Monitor 16 live cameras in a single view

Reporting and Operating

- Operator instructions: Definable per alarm point and state
- Reports:
 - Scheduled Reports-Card Holder or History
 - Card Holder or Number
 - Device (Panels, Readers, Comm)
 - Operator actions
 - Database reports
 - Email reports in HTML format
- Graphical map import: WMF

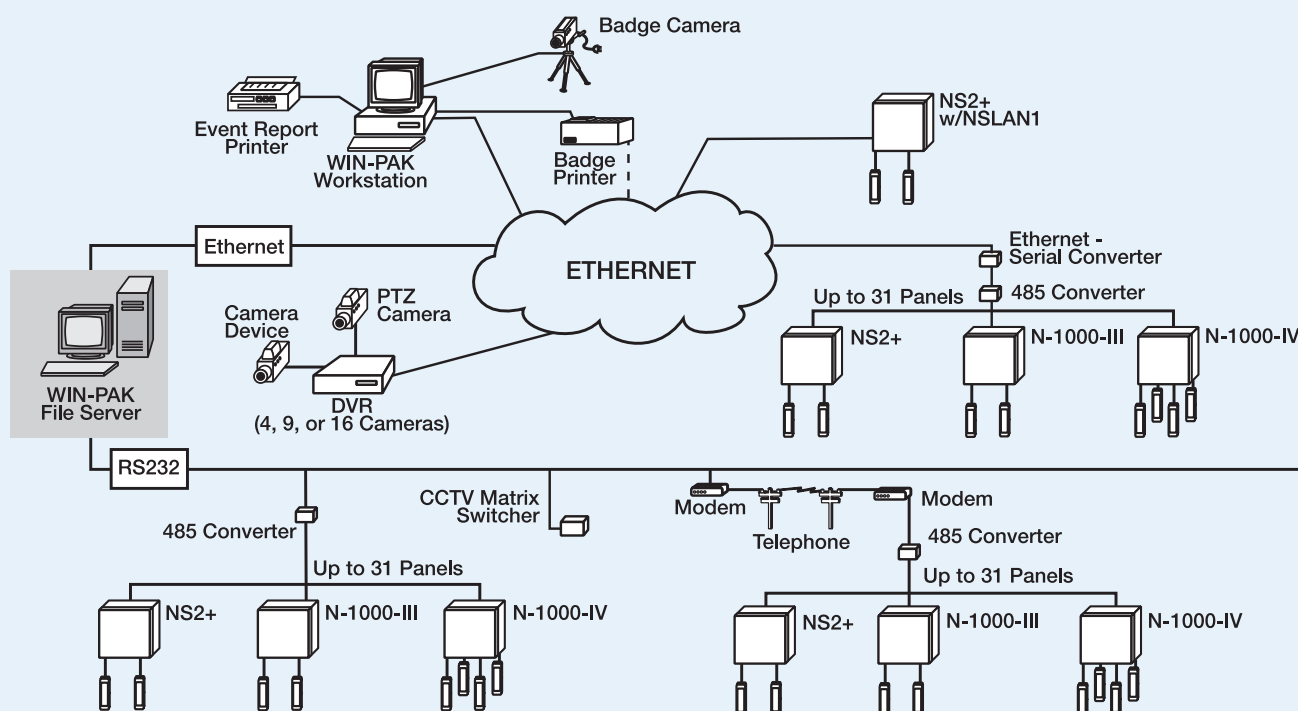
Communications

- Supports direct TCP/IP connection to control panels eliminating the need for costly multi-port boards
- Controllers: 7,905 hardwired per system
- Readers: 31,620 per system

Other

- Database engines: MSDE 2000 standard, SQL Server 2000 (optional)
- Door control modes: Shunt, Unshunt, Lock, Unlock, Pulse, Timed Pulse
- Door configuration: Card only, Card and PIN, Card or PIN and Keypad only
- Multi-threaded application capable of utilizing multiple processor servers

WIN-PAK 2005 CONFIGURATION



Access Control

- Cardholder capacity: Unrestricted with WIN-PAK™ PRO 2005 software host grant feature
- Communication Servers: Unrestricted
- Operators: Unrestricted
- Supports multiple accounts allowing separate access to the card database, badge layout, operator access, reporting and account sensitive operator rights
- Time zones: Unrestricted
- Holidays: 255 per PRO2200
- Server client protocols: TCP/IP
- On-line transaction storage: Limited only by drive space
- Elevator control: Up to 112 floors and 255 definitions with PRO2200 Control Panel
- Operators/passwords: Unrestricted
- 40 User-defined cardholder data fields per account

Communication Server

- Multiple communication servers on LAN/WAN provides distributed networking capabilities, improving system performance and capacity
- Supports direct TCP/IP connection to control panels eliminating the need for costly multi-port boards
- Controllers: 7,905 hardwired per communication server
- Readers: 31,620 per communication server

Alarm Monitoring

- Monitor points: 261,120 per communications server with PRO2200 Control Panel
- Sound files played per event status
- Monitor 16 live camera views

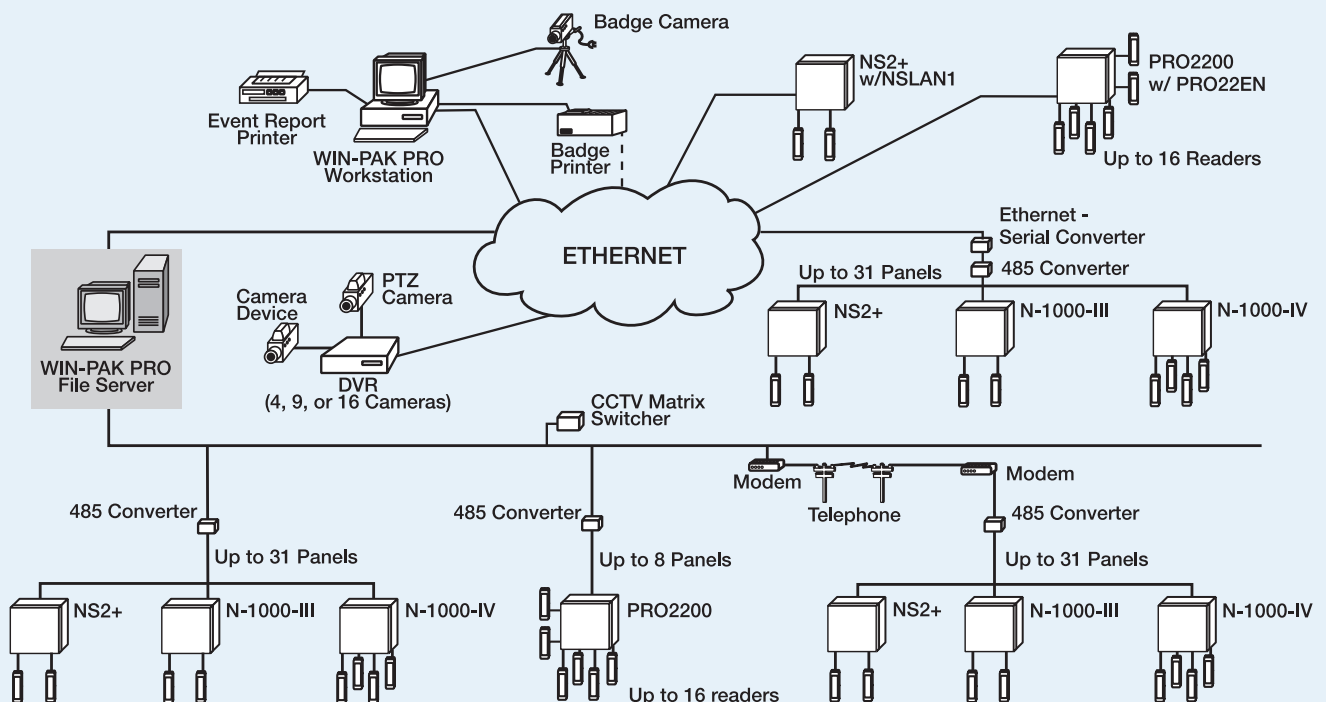
Reporting and Operating

- Operator instructions: Definable per alarm point and state
- Reports:
 - Scheduled Reports-Card Holder or History
 - Card Holder or Number
 - Device (Panels, Readers, Comm)
 - Operator actions
 - Database reports
 - Email reports in HTML format
- Graphical map import: WMF

Other

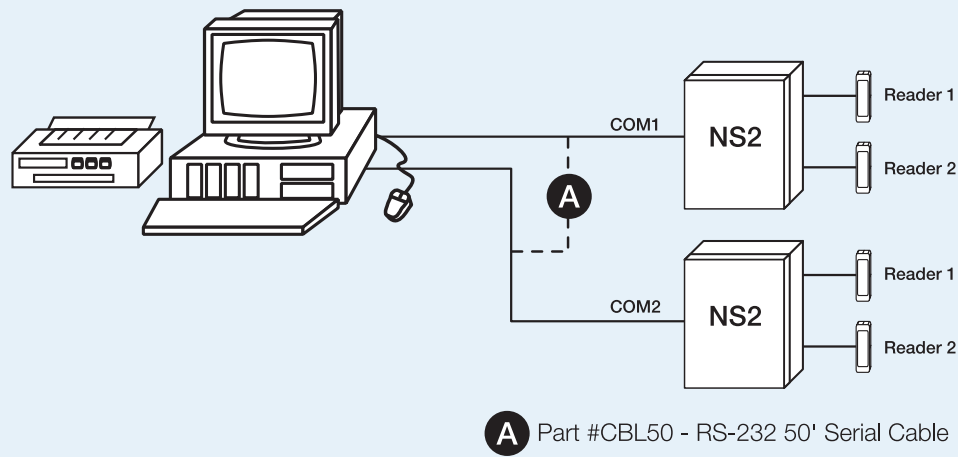
- Database engines: MSDE 2000 standard, SQL Server 2000 (optional)
- Door control modes with PRO2200 Control Panel: Disable, unlock, lock, no access egress only, facility code only, card only, card and PIN, card or PIN, or PIN only
- Multi-threaded application capable of utilizing multiple processor servers

WIN-PAK PRO 2005 CONFIGURATION



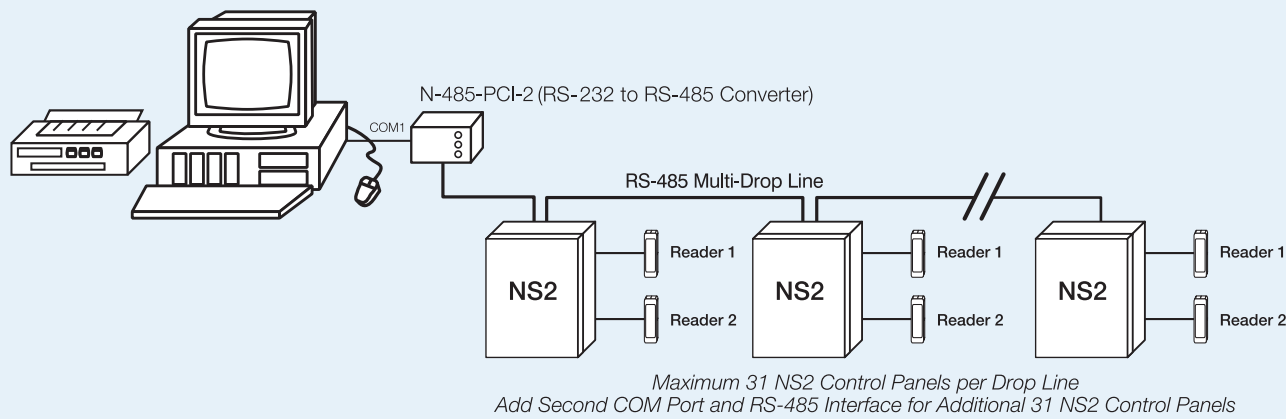
NSSTAR SERIAL COMMUNICATION

Standard configuration use two communication ports. Control 1 NS2 Control Panel per Communication Port.



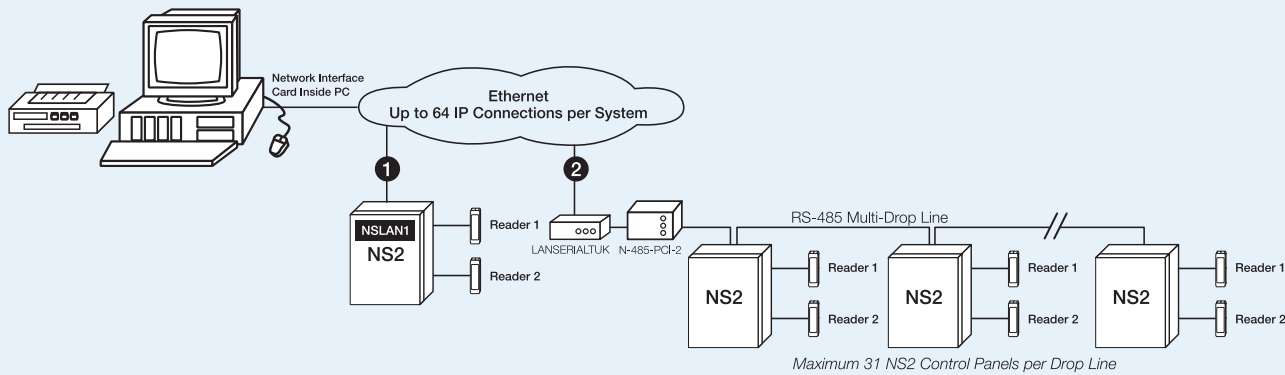
NSSTAR RS-485 COMMUNICATION

Standard configuration use two communication ports for two loops. Control 31 NS2 Control Panels per loop, 62 NS2 Panels total.

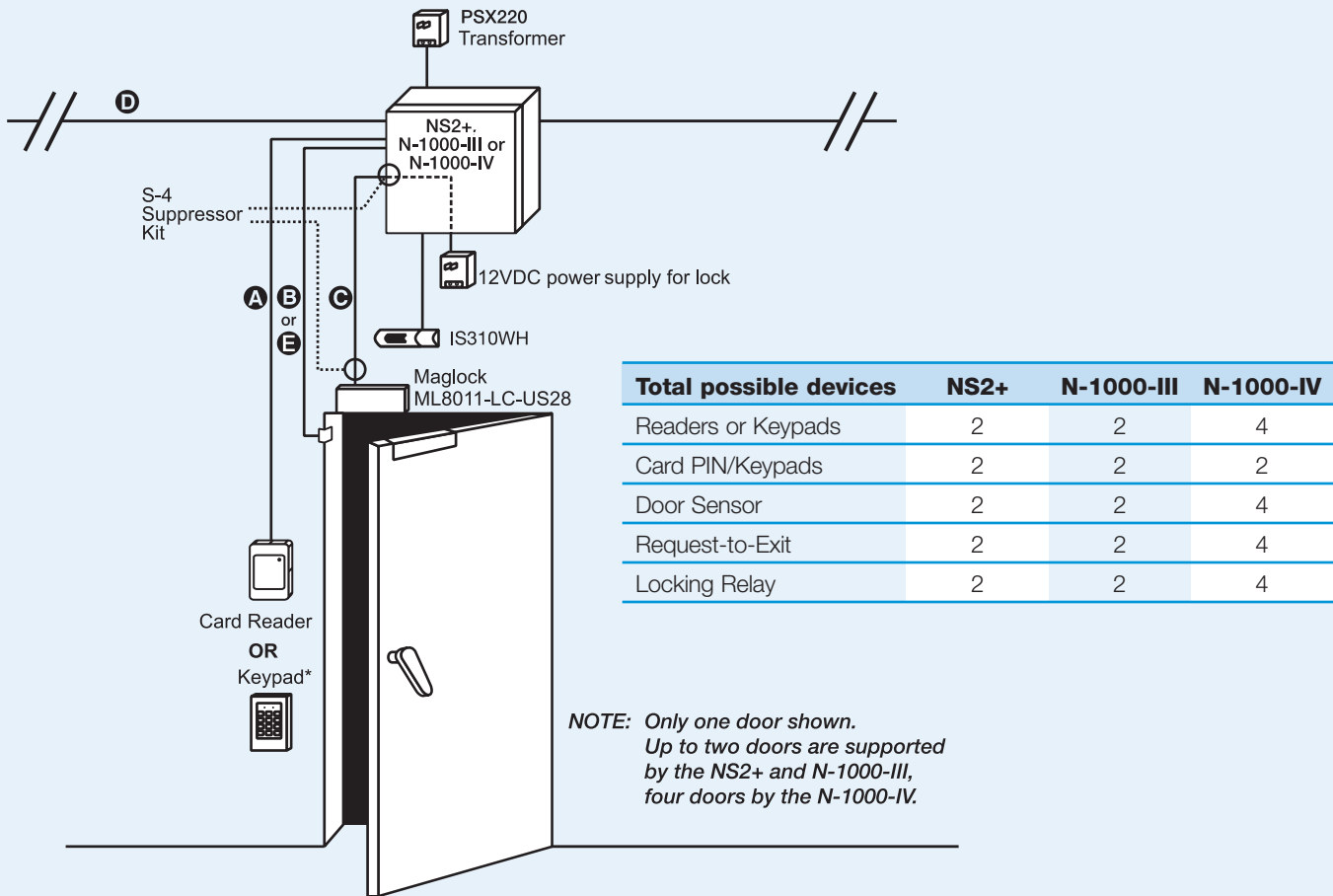


NSSTAR ETHERNET COMMUNICATION

- 1 Where one NS2 panel is used per IP loop, communicate via optional on-board Ethernet interface (NSLAN1). One NS2 per NSLAN1.
- 2 Where multiple NS2 panels are required per IP loop, communicate using RS-485 communications (N485PCI2 & LANSERIALTUK).

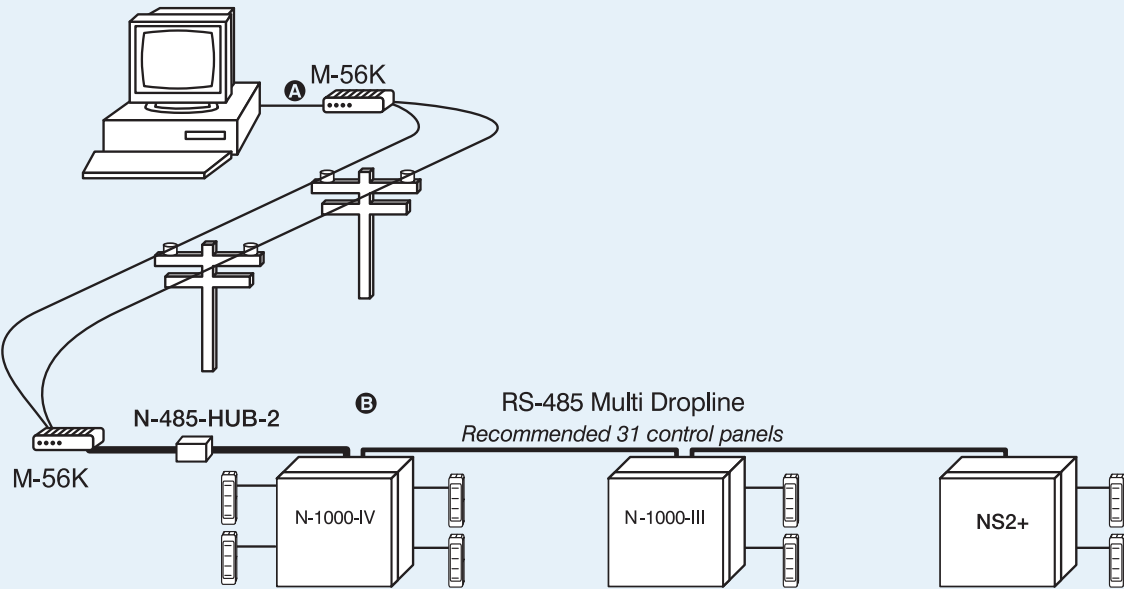


CONTROLLER CONFIGURATION

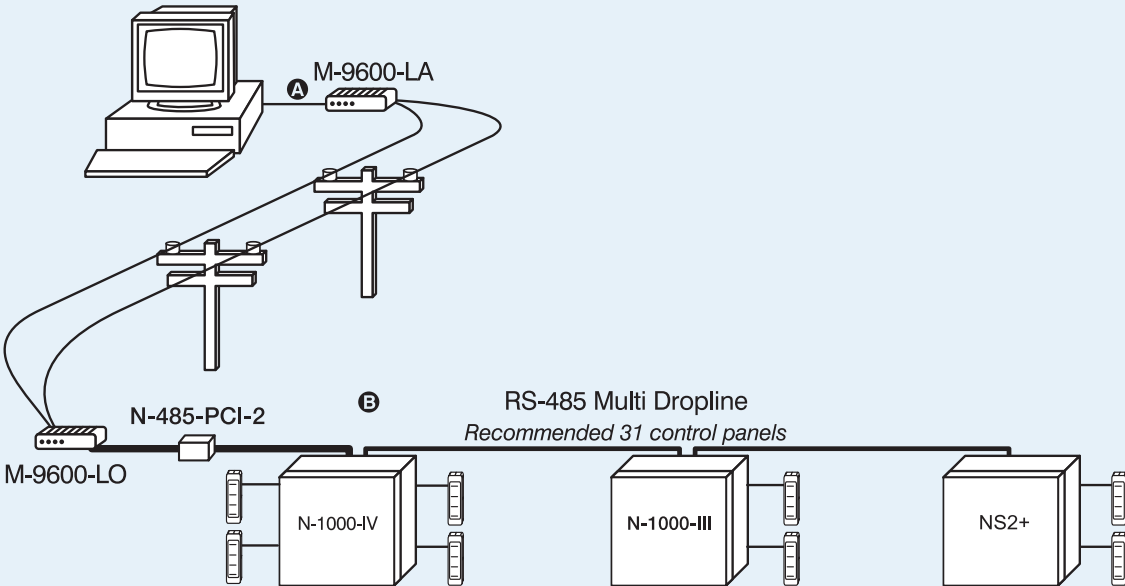


	LOCATION	WIRE TYPE	Non-Plenum Cable Part Number	Plenum Cable Part Number	DISTANCE RATING
A	Control panel to card reader	6 conductor, 18AWG (0.75mm) shielded	NC1861-BL	NCP1861-BL	500'
B	Control panel to exit device/alarm point	twisted pair, 22AWG shielded	NC2221-BR	NCP2221-BR	2,000'
C	Door power cable	twisted pair, 18AWG shielded	NC1821-OR	NCP1821-OR	2,000'
D	RS485 Communications	4 conductor, 24AWG	NC2441-TN	NCP2441-TN	4,000'
E	PIR status & power	4 conductor, 18AWG	NC1841-GY	NCP1841-GY	2,000'
*	For keypads with NS2+	6 conductor, 18AWG (0.75mm) shielded	NC1861-BL	NCP1861-BL	500'
*	For keypads (when card & pin are used), limited to 2 keypads (card-pin) per panel N-1000-IV	12 conductor, 18AWG shielded	NC18121-YL	NCP18121-YL	500'

M-56K CONFIGURATION - DIAL UP



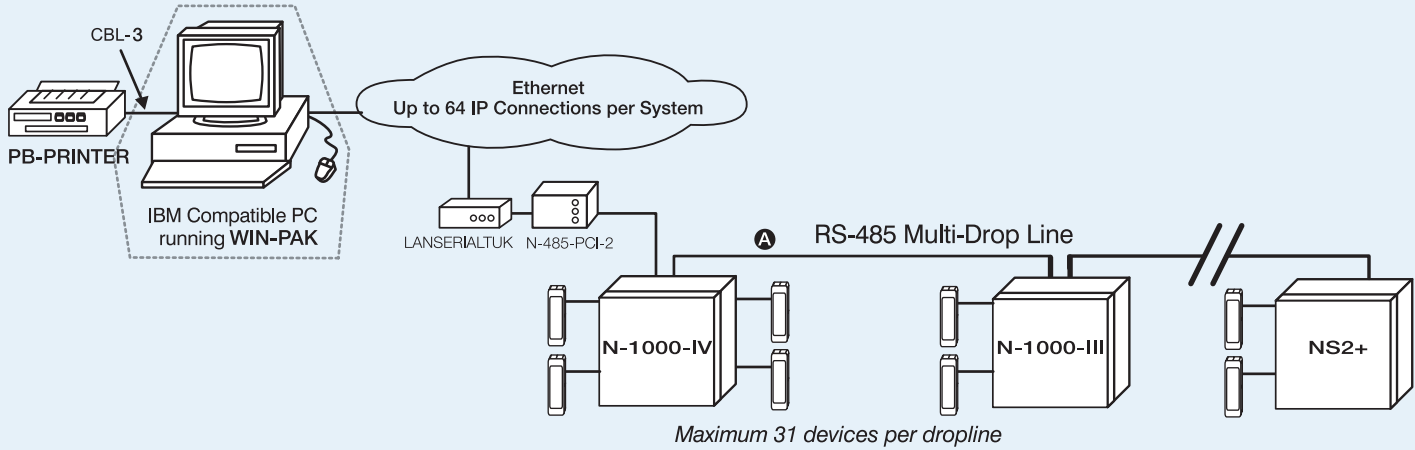
M-9600-LO/LA CONFIGURATION - LEASE LINE (REAL TIME)



LOCATION		WIRE TYPE	Non-Plenum Cable Part Number	Plenum Cable Part Number	DISTANCE RATING
A	PC to modem	6' 9-25 converter cable	CBL-2		50'
B	N-485 dropline cable	120 ohm, 20.3pF twisted pair shielded	NC2441-TN	NCP2441-TN	4,000' total

ETHERNET TO RS-485 COMMUNICATIONS

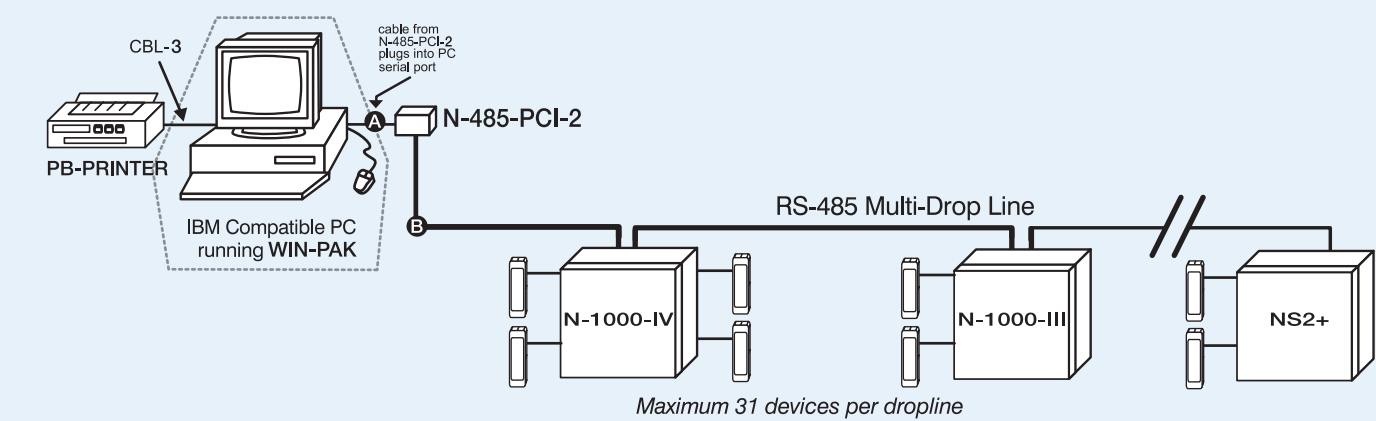
Standard configuration use two communication ports for two loops. Control 31 Control Panels per loop, 62 Panels total.



LOCATION		WIRE TYPE	Non-Plenum Cable Part Number	Plenum Cable Part Number	DISTANCE RATING
A	N-485 dropline cable	120 ohm, 20.3pF twisted pair shielded	NC2441-TN	NCP2441-TN	4,000' total

RS-485 COMMUNICATION

Standard configuration use two communication ports for two loops. Optional configuration of up to 32 ports/drop lines is available.



LOCATION		WIRE TYPE	Non-Plenum Cable Part Number	Plenum Cable Part Number	DISTANCE RATING
A	PC to RS-485	6' 9-25 converter cable	CBL-2		50'
B	N-485 dropline cable	120 ohm, 20.3pF twisted pair shielded	NC2441-TN	NCP2441-TN	4,000' total

HONEYWELL ACCESS SYSTEMS SALES POLICY

Definitions:

In these conditions the meaning of:

"The company" means Honeywell Access Systems (HAS).

"The Buyer" means the companies immediate Customer for Product or Services.

"Product" means items sold under a contract of sale to which these conditions apply.

"Services," means repair, maintenance and other services provided by the Company to which these conditions apply.

Conflicting Terms:

HAS rejects any terms and conditions stated by the Buyer or contained in Buyers' purchase documents or correspondence which are in addition to, conflict with or limit the terms and conditions herein unless agreed in writing by one of our Directors. Buyer's execution or other acceptance of this proposal or its acceptance of delivery of all or part of the goods to be delivered hereunder shall constitute Buyers acceptance of the terms and conditions herein and shall be deemed to exclude any additional, conflicting or limiting terms stated by Buyer or contained in Buyers purchase documents or correspondence.

Specification:

Product shall be supplied in accordance with the company's standard specifications, copies of which shall be available on request, unless otherwise agreed by the Company or covered by a supply agreement. It is the Buyer's responsibility to check the performance, connectivity and inter-operability of product in accordance with these specifications to ensure they meet the user's requirements.

Ordering: Shipping Schedules:

Buyer may order products from HAS by faxing an official purchase order specifying the Product part number, quantity, desired delivery date, shipping method, and the locations to which the products should be shipped to HAS offices. HAS will issue written order acknowledgements upon request from Buyer.

Official purchase orders received before 1400 hours, HAS will attempt to ship products on the same working day for delivery the next working day to the location specified by the Buyer (UK only). Freight charges will be at the buyers expense and charged as detailed below.

Standard next day delivery before 17.30 within the UK - £12.50.

Standard next day delivery before 12.00 within the UK - £16.00

Standard next day delivery before 09.30 within the UK - £27.50

For carriage charges outside the UK, please contact the HAS office for details.

HAS reserves the right to make shipments of complete orders in advance of the ship dates specified and partial orders with prior approval of the Buyer. Buyer must initiate claims for delays in shipment, shortage and damage with the carrier.

Failure of HAS to make any delivery, if occasioned by acts of God, unanticipated shortages of supply, interruptions of, or delays in transportation, strikes or other interruption in labour, or any other circumstances beyond reasonable control of HAS shall not subject HAS to any liability to Buyer for such failure to deliver.

Time for Acceptance:

Any quotation or prices supplied are valid for a period of thirty days from the date of issue and we reserve the right to withdraw or amend the same at any time prior to the Buyer's acceptance.

Title and Risk of Loss:

Title and risk of loss shall pass to the Buyer upon HAS delivery of the products to the carrier or when the Buyer or his agents have collected the products from HAS premises.

Payment Terms:

Terms of sale are pre Payment unless prior credit arrangements are established. If credit arrangements are established with HAS, terms of sale are NET 30 days end of month.

Interest shall accrue on all past due invoices at a rate of 4% per annum above the Base Lending Rate of Lloyds TSB plc compounded monthly on all amounts overdue until payment thereof. HAS may place Buyer on a pre Payment basis in the event the Buyer's account becomes delinquent or HAS becomes insecure about Buyers financial capabilities.

If a Buyer believes an invoice to be in error, Buyer shall notify HAS of the error within thirty (30) days and Buyer shall not be required to pay the portion of the invoice that is disputed until such time as the invoice has been clarified or corrected.

To secure the performance of Buyer's obligations hereunder, HAS reserves a security interest in all products sold hereunder, together with all proceeds thereof. Buyer hereby agrees upon request from HAS to execute and deliver such financing statements, notices and other documents as may be necessary from time to time for HAS to perfect and maintain the security interest reserved herein.

Retention of Title:

Until payment, the Products remain the property of HAS. The Buyer may not charge or dispose of the products or of monies payable in respect of the products by way of security. The Buyer may resell or otherwise dispose absolutely of the Products or install them in premises only on condition that the property is deemed to be transferred to the third party upon discharge of the debt of the buyer to HAS for those Products and all preceding unpaid liabilities, and monies paid to the Buyer shall to such extent be the monies of HAS and not of the Buyer. HAS may obtain direct from the third party the monies due to it and give a good receipt therefore in the name of the Buyer. If HAS agrees, to induce payment by the third party, to provide or undertake to provide maintenance services, licenses or other Products prepaid by the third party which may as a result of the Buyers default not be provided, HAS may add the price to the Buyers debt.

Warranty:

HAS warrants its material and workmanship free from defects for a period of one (1) year from the date of original shipment to Buyer. Satisfaction of this warranty shall be limited to repair or replacement of material that is defective or becomes defective under normal use. If defective warranty material is returned within ninety (90) days of original shipment, it will be replaced with new material. If defective material is returned more than ninety (90) days after original shipment, HAS, at its discretion, will replace with either new or repaired material. The warranty on computers, printers, communications material and upgrade kits is in line with the original manufactures warranty.

The assignment of freight charges will be left to the discretion of the local HAS office.

1. Returns/Repairs: Upon receipt of defective or damaged material at HAS, new or repaired replacement material will be shipped to Buyer.

2. Advancements: The prompt replacement of damaged or defective material prior to its return. HAS will invoice the Buyer for replacement material and subsequently issue credit upon receipt of the returned material, subject to satisfactory evaluation. The Buyer must issue HAS a purchase order prior to shipment of replacement material.

Non-Warranty:

HAS warranty shall not extend to any material, which is determined to be defective as a result of misuse, improper storage, incorrect installation, operation or maintenance, alteration, modification, accident, acts of god, natural disaster, or unusual deterioration of the material due to physical environments in excess of the limits set forth in materials manual.

1. Returns/Repairs: Upon receipt of defective or damaged material at HAS, new or repaired replacement material will be shipped to Buyer. The Buyer will be charged for repair or replacement material. Buyer is required to issue a purchase order and is responsible for all freight charges.

2. Advancements: The prompt replacement of damaged or defective material prior to its return. Buyer must issue HAS a purchase order prior to shipment of replacement material. Buyer will be invoiced for all repair or replacement costs, including freight charges.

Returns Authorisation:

1. No material will be accepted for return to HAS without a 'Returns Number'

2. Upon receipt of a Buyer request for either credit or material repair, HAS agrees to either issue a 'Returns Number' or, per written Buyer request, provide Buyer with a written explanation for its refusal to issue the 'Returns Number' within thirty (30) days of the request date.

3. Unauthorised returns will be refused and returned to the Buyer at the Buyers cost.

4. A 'Returns Number' is valid for a period of ninety (90) days from the date of issue. After ninety (90) days, the 'Returns Number' may be void.

5. A 'Returns Number' will not be issued for special order or custom material, except for warranty.

Credits:

Credits will be issued for material that is re-sellable, brand new, and still in its original packaging at the discretion of HAS. Credits will not be issued for products that are 'special' or 'custom' orders.

1. Orders that are accepted for return within thirty (30) days after shipment are subject to a 25% restocking charge. Orders that are accepted for credit between thirty (30) and ninety (90) days after shipment are subject to a 40% restocking charge.
2. No returns will be accepted for credit later than ninety (90) days after shipment.

Minimum Card Order:

A minimum card order quantity of 50 is required on all stock items and a minimum card order quantity of 100 on all non-stock items including custom and special card orders. Special and Custom orders are subject to an overage/underage of 5% of quantity ordered.

Cancelled Orders:

Cancelled orders are subject to a 25% cancellation charge if cancelled within 30 days of placing the respective purchase order. Special or Custom order items that cannot be cancelled with our suppliers are subject to a 100% cancellation charge.

Product Liability, Mutual Indemnification:

HAS sole liability and the Buyers exclusive remedy for damages regardless of theory shall not exceed the cost of correcting the defect and in no event shall such liability be greater than the purchase price paid by the Buyer for the defective equipment. HAS shall not under any circumstances be liable for special, indirect nor consequential damages of any kind.

Buyer shall hold harmless and indemnify HAS from and against all claims, demands, losses and liability arising out of damage to property or injury to persons occasioned by or in connection with the acts or omissions of Buyer and its agents and employees, and from and against all claims, demands, losses and liability for costs of fees, including reasonable attorney's fees, in connection therewith.

Relationship of Parties:

This agreement does not in any way create the relationship of joint venture, partnership, or principle and agent between HAS and Buyer. Neither party shall have the power or ability to pledge the credit of the other nor to bind the other to contract in the name of or create a liability against the other in any way for any purpose.

Use of Trademarks:

During the term of this agreement or any extension thereof, Buyer may use the trade name of HAS or any of HAS trademarks, insignias, logos, or proprietary marks in connection with Buyer's sales, advertisements, and promotions of the products. Buyer acknowledges that these trademarks and logos are valuable assets of HAS and Buyer's use of such proprietary marks shall be in accordance with HAS direction and policies. Buyer specifically disclaims any right in any proprietary marks and shall not use the proprietary marks as part of the business name of Buyer.

HAS further grants Buyer a license to reprint any of HAS literature in connection with Buyer's sales, advertisements and promotions of the product. Buyer shall provide copies of all such literature to HAS on a quarterly basis. In the event that HAS objects to the usage of its trade name or any of its trademarks, Buyer shall remove or modify the objectionable usage at the time of the next reprint.

Governing Law:

The company expects all disputes and disagreements to be discussed and resolved amicably. Failing this the laws of England shall govern the construction, validity and performance of these Terms and Conditions and the parties agree to submit to the non-exclusive jurisdiction of the English courts.

Fire Safety and Liability Notice:

HAS hereby notifies Buyer that card readers should never be connected to any critical entry exit door, barrier, elevator or gate without providing an alternative exit in accordance with all relevant fire and life safety codes pertinent to the installation. These fire and safety codes may vary and approval from local fire and safety officials must be obtained whenever using an electronic product to control entry and/or exit. (Always make certain approvals are obtained in writing. Do not accept verbal approvals).

Additionally, HAS do not recommend using N-1000, PW-2000 or related products for use as a primary warning or monitoring system. Primary warning or monitoring systems should always meet local fire and safety standards. Regular maintenance and testing of the system is mandatory to ensure satisfactory operation of the system in the event of an emergency

Honeywell Security

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www.honeywell.com/security/nl

The Honeywell logo, consisting of the word "Honeywell" in a bold, red, sans-serif font.

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October 2006
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