

Honeywell Security



Honeywell Access Systems

Let's Talk Solutions

Honeywell

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Software & Systems

More and more, customer requirements cannot be met with one solution—rather, they need a holistic approach that integrates different elements to suit their needs. In the case of access control, the trend toward digital networking solutions has made it easier for management to bring together the worlds of access control and video surveillance into a single integrated system.

THIS SECTION INCLUDES:

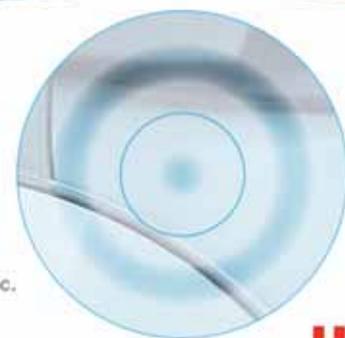
WIN-PAK® SE

WIN-PAK SE SYSTEM KITS

WIN-PAK SE INTEGRATION KITS

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Honeywell

WIN-PAK® SE
Access Control Software

Software & Systems



Honeywell's exciting new WIN-PAK SE with VISTA works with our Rapid Eye™ and Fusion DVRs and NS2+, N-1000 and PW2000 access controllers to let you quickly and easily add video surveillance and intrusion every time you install an access control system. The result is a solution powerful enough to handle all of your customer's integrated security requirements from a single user interface. The unique combination of intrusion, video and access control saves time and money by reducing training and labor.

WIN-PAK® SE w/VISTA Benefits

- Save time and money by managing three separate systems with one easy-to-use software interface.
- Improve the level of security by eliminating user code sharing. Increase security by using a unique card to disarm a system and grant access at the door.
- WIN-PAK SE software interface allows users to retrieve and play back video associated with intrusion and access control.
- Automated reporting allows users to send up-to-date reports on intrusion and access events hourly, daily, weekly or monthly.
- Reduce employee down-time by requiring training on only one system.
- Align WIN-PAK SE with VISTA integration with existing system needs for an added level of security.
- Expand to meet current and future needs. Start with access and add video or intrusion later as requirements change.



Software & Systems

WIN-PAK[®] SE SOFTWARE

WIN-PAK[®] SE

WIN-PAK[®] SE 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 VISTA Business*, 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
- e-mail Reports / Events
- Domain or Workgroup Network Support
- Up to 5 Concurrent Users

WPSE

WIN-PAK SE Access Control Software

Standalone - Single user version of WIN-PAK SE.

WPSEU5

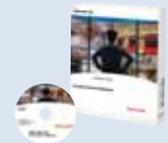
WIN-PAK SE Software, 5-user

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

WPSEV

WIN-PAK SE single user with VISTA integration

Standalone - Single user version of WIN-PAK SE with VISTA integration.



WIN-PAK SOFTWARE UPGRADES

WPSEU5V

WIN-PAK SE VISTA 5-user with VISTA integration

Provides support of up to 5 concurrent WIN-PAK SE workstations with VISTA integration.

UKWPSEV

Upgrade from WP2K5 to WPSEV

Upgrade from WIN-PAK 2005 single user to WIN-PAK SE single user with VISTA integration.

U5WPSEU5V

Upgrade from WP2KU5 to WPSEU5V

Upgrade from WIN-PAK 2005 5-user to WIN-PAK SE 5-users with VISTA integration.

Software & Systems | WIN-PAK[®] SE SOFTWARE

USESEV

Upgrade from WPSE to WPSEV

Upgrade from WIN-PAK SE single user to WIN-PAK SE single user with VISTA integration

USESEU5

Upgrade from WPSE to WPSEU5

Upgrade from WIN-PAK SE single user to WIN-PAK SE 5-users.

USESEU5V

Upgrade from WPSE to WPSEU5V

Upgrade from WIN-PAK SE single user to WIN-PAK SE 5-users with VISTA integration

USE5SEU5V

Upgrade from WPSEU5 to WPSEU5V

Upgrade WIN-PAK SE 5-users to WIN-PAK SE 5-users with VISTA integration.

UN1PSE

Upgrade from NStar single user to WPSE Upgrade from NStar single user to WIN-PAK SE single user.

UN1PSEU5

Upgrade from NStar single user to WPSEU5

Upgrade from NStar single user to WIN-PAK SE 5-users.

UN1PSEU5V

Upgrade from NStar single user to WPSEU5V

Upgrade from NStar single user to WIN-PAK SE 5-users with VISTA integration.

UN1PSEV

Upgrade from NStar single user to WPSEV

Upgrade from NStar single user to WIN-PAK SE with VISTA integration.

UN5PSEU5

Upgrade from NStar 5-users to WPSEU5

Upgrade from NStar 5-users to WIN-PAK SE 5-users.

UN5PSEU5V

Upgrade from NStar 5-users to WPSEU5V

Upgrade from NStar 5-users to WIN-PAK SE 5-users with VISTA integration.

NOTE: Consult factory for hardware key requirements for RAID system configurations.

NOTE: Consult factory for NStar upgrades to WIN-PAK SE.

Software & Systems

WIN-PAK[®] SE WITH VISTA INTEGRATION KITS

SAMPLE WIN-PAK[®] SE WITH VISTA INTEGRATION KITS

Access and 128 Zone Intrusion Integration Kit for RS232 Based Communications

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV), 2 door access control panel (NS2P - S-4 suppressors), intrusion panel (VISTA-128FBP), two access readers (OP30HONE), intrusion keypad (6160), serial converter for the intrusion panel (4100SM), serial to RS485 converter for the access control panel (N-485-PCI-2).

Access and 128 Zone Intrusion Integration Kit for Ethernet Based Communications

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV), 2 door access control panel (NS2P - and S-4 suppressors), intrusion panel (VISTA-128FBP) two access readers (OP30HONE), intrusion keypad (6160), serial converter for the intrusion panel (4100SM), serial to Ethernet converter (LANSRLU1), Ethernet to RS-485 converter kit for the access control panel (N485PCI2L).

Access and 250 Zone Intrusion Integration Kit for RS232 Based Communications

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV), 2 door access control panel (NS2P - S-4 suppressors), intrusion panel (VISTA-250FBP) two access readers (OP30HONE), intrusion keypad (6160), serial converter for the intrusion panel (4100SM), serial to RS485 converter for the access control panel (N-485-PCI-2).

Access and 250 Zone Intrusion Integration Kit for Ethernet Based Communications

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV), 2 door access control panel (NS2P and S-4 suppressors), intrusion panel (VISTA-250FBP), two access readers (OP30HONE), intrusion keypad (6160), serial converter for the intrusion panel (4100SM), serial to Ethernet converter



Power Supplies & Batteries Sold separately

Software & Systems | WIN-PAK® SE WITH VISTA INTEGRATION KITS



(LANSRLU1), Ethernet to RS485 converter kit for the access control panel (N485PCI2L).

Access and Video Integration Kit for Ethernet Based Communications.

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE (WPSEV), 2 door access control panel (NS2P - includes and S-4 suppressors), digital video recorder (HRM60N1000), two access readers (OP30HONE), Ethernet to RS485 converter kit for the access control panel (N485PCI2L).

Access and Video w/CD Integration Kit for Ethernet Based Communications.

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE (WPSEV), 2 door access control panel (NS2P and S-4 suppressors), digital video recorder (HRM60CD1000), two access readers (OP30HONE), Ethernet to RS485 converter kit for the access control panel (N485PCI2L).

Access, Video, 128 Zone Intrusion Integration Kit for Ethernet Based Communications.

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV), 2 door access control panel (NS2P and S-4 suppressors), digital video recorder (HRM60N1000), intrusion panel (VISTA-128FBP) two access readers (OP30HONE), intrusion keypad (6160), serial converter for the intrusion panel (4100SM), serial to Ethernet converter (LANSRLU1), Ethernet to RS485 converter kit for the access control panel (N485PCI2L).

Access, Video w/CD, 128 Zone Intrusion Integration Kit for Ethernet Based Communications.

Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV), 2 door access control panel and S-4 suppressors), digital video recorder (HRM60CD1000), intrusion panel (VISTA-128FBP) two access readers (OP30HONE), intrusion keypad (6160), serial converter for the intrusion panel (4100SM), serial to Ethernet converter (LANSRLU1), Ethernet to RS485 converter kit for the access control panel (N485PCI2L).

Power Supplies & Batteries Sold separately

Software & Systems | WIN-PAK[®] SE COMPUTER & BADGING SYSTEMS

WIN-PAK[®] SE COMPUTER & BADGING SYSTEMS

All computer systems (PCACxx) are preloaded with WIN-PAK[®] SE 5-User software and include monitor, keyboard and mouse. Optional converters, badging kits and printers can be ordered separately.

PCAC202

WIN-PAK SE Computer with 5-User Software

WIN-PAK computer and software only.



PCAC235

WIN-PAK SE Badging System with Simplex Printer

The system includes WIN-PAK SE software (WPSEU5), camera (PBCAM14), lighting kit (PBLK3), tripod (PB-TRI-POD), video cable (CBL-VB-CAM-2), standard parallel printer cable (CBL-3), event printer (PB-PRINTER), 25 no-technology PVC cards (PVC-NT-1), one communication adapter (N-485-PCI-2), Rio 2e simplex PVC card printer (M9006-749), color ribbon (M9005-751) and cleaning kit (N9005-761MED).

Software & Systems | WIN-PAK[®] SE WORKSTATIONS & FILE SERVERS

WIN-PAK[®] SE WORKSTATIONS & FILE SERVERS

All workstations (PCWSxx), when ordered with a computer system (PCACxx), are preloaded with WIN-PAK[®] SE user interface. No software is loaded if sold separately. This ensures that the same software version on the WIN-PAK SE server can be loaded on the workstation. Optional printers or badging kits can be ordered separately.

PCWS201

WIN-PAK SE Workstation

Workstation computer. Does not include software.



PCWS235

WIN-PAK SE Badging Workstation with Simplex Printer

The system includes Rio 2e simplex badging card printer (M9006-749), camera and power supply (PBCAM14), lighting kit (PBLK3), tripod (PB-TRI-POD), video cable (CBL-VB-CAM-2), standard parallel

printer cable (CBL-3), event printer (PB-PRINTER), 25 no-technology PVC cards (PVC-NT-1), one communication adapter (N-485-PCI-2), color ribbon (M9005-751) and cleaning kit (N9005-761MED).



PCFS202

WIN-PAK SE File Server Computer and 5-User Software

File server computer configured with WIN-PAK SE (WPSEU5) and 5-user Windows 2003 Server. Does not support badging kits.

Software & Systems

WIN-PAK® SE SYSTEMS

SYSTEM INCLUSIONS

	5-User WIN-PAK SE Computer (PCAC202)	5-User WIN-PAK SE Badging System (PCAC235)	5-User OS WIN-PAK SE File Server Computer (PCFS202) Badging Kits Not Supported	WIN-PAK SE Workstation (PCWS201)	WIN-PAK SE Badging Workstation (PCWS235)
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Included Components

Dell Standard CPU	✓	✓			
Dell File Server CPU, 5-User OS			✓		
Dell Workstation CPU				✓	✓
WIN-PAK SE, 5-User (WPSEU5)	✓	✓	✓		
Dell 17" Flat Screen LCD Monitor	✓	✓	✓	✓	✓
Rio 2 Simplex Printer (M9006-749)		✓			✓
Rio 2 Color Ribbon (M9005-751)		✓			✓
Rio 2 Cleaning Kit (N9005-761MED)		✓			✓
PC Communication Interface (N-485-PCI-2)		✓			
USB Badging Camera (PBCAM14CO)		✓			✓
USB Camera Power Supply (PBCAM14PS)		✓			✓
USB Camera Remote (PBCAM14RC)		✓			✓
Camera Tripod (PB-TRI-POD)		✓			✓
Badging Lighting Kit (PBLK3)		✓			✓
Dot-Matrix Event Printer (PB-PRINTER)		✓			
Printer Cable (CBL-3)		✓			
Blank PVC Cards, 25 Quantity (PVC-NT-1)		✓			✓
Quick Reference Guide (TD0074-02)	✓	✓	✓	✓	✓



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. We offer scalable access control solutions for enterprise level management systems. Solutions such as integrated digital video monitoring, Web-based management tools and central station reporting which increases recurring monthly revenues while decreasing installation and service costs. Honeywell offers you unique products and services that enable you to differentiate yourself from the competition – winning more business and developing stronger customer relationships.

THIS SECTION INCLUDES:

WIN-PAK® PE

WIN-PAK® PRO Central Station

PRO2200 Controllers

Professional Systems products are available only to certified dealers who have met Honeywell dealer requirements and completed the required technical training. Contact Honeywell Sales Support or your Regional Sales Manager for more information about becoming a certified dealer.

Professional Systems



WIN-PAK[®] PE offers enterprise level access control capabilities with full scale system management of single or multiple locations. With true digital video and intrusion integration options, it is an easy choice for enterprise applications. PRO2200 is a highly evolved modular controller with advanced features such as triggers and procedures.

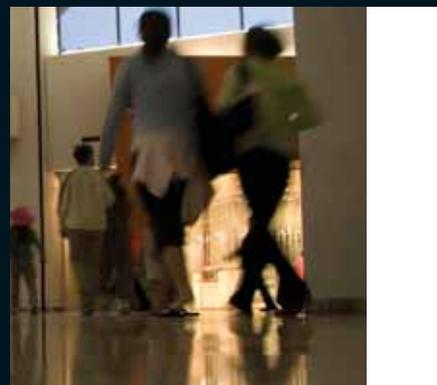
WIN-PAK[®] PE Central Station access control provides a cost effective and easy-to-manage security solution for businesses, while providing security dealers with multiple recurring revenue streams.

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 such as 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.



Professional Systems

WIN-PAK® PE SOFTWARE

WIN-PAK® PE

WIN-PAK® PE access control software is used to program and operate access control systems and report 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



WPPE

WIN-PAK PE Access Control Software

Unrestricted users and communication servers.

WPPEV

WIN-PAK PE with VISTA integration

Unrestricted users and communication servers with VISTA integration.

WIN-PAK PE SOFTWARE UPGRADES

UKWPPEV

Upgrade from WP2K5 to WPPEV

Upgrade from WIN-PAK 2005 single user or WIN-PAK Release 4 single user to WIN-PAK PE with VISTA integration.

U5WPPEV

Upgrade from WP2KU5 to WPPEV

Upgrade from WIN-PAK 2005 5-users or WIN-PAK Release 4 5-users to WIN-PAK PE with VISTA integration.

USEPEV

Upgrade from WPSE to WPPEV

Upgrade from WIN-PAK SE single user to WIN-PAK PE with VISTA integration.

USE5PEV

Upgrade from WPSEU5 to WPPEV

Upgrade from WIN-PAK SE 5-users to WIN-PAK PE with VISTA integration.

* Note: Windows VISTA Business requires SQL Server 2005 or Express Edition.

Professional Systems

WIN-PAK[®] PE SERVERS

WIN-PAK[®] PE SERVERS

All WIN-PAK[®] PE systems are file server computers with 5-user or 10-user OS. Included with the file servers is WIN-PAK[®] PE, monitor, keyboard and mouse. Optional converters and printers can be ordered separately.



WPPAC202

WIN-PAK[®] PE Server Access Control Computer with 5-User OS

WIN-PAK PE file server computer with 5-user operating system.

WPPAC202-S

WIN-PAK PE Server Access Control Computer with 5-User OS and SQL Server

WIN-PAK PE file server computer with 5-user operating system with SQL server loaded as the default database engine.

WPPFS202

WIN-PAK PE Server Access Control Computer with 10-User OS

WIN-PAK PE file server computer with 10-user operating system.

WPPFS202-S

WIN-PAK PE Server Access Control Computer with 10-User OS and SQL Server

WIN-PAK PE file server computer with 10-user operating system with SQL server loaded as the default database engine.

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

Professional Systems products are available only to certified dealers who have met Honeywell dealer requirements and completed the required technical training. Contact Honeywell Sales Support or your Regional Sales Manager for more information about becoming a certified dealer.

Professional Systems | WIN-PAK® PE WORKSTATIONS

WIN-PAK® PE WORKSTATIONS

All workstations are loaded with the WIN-PAK® PE user interface when ordered with a file server. No WIN-PAK PE software is loaded if sold separately. This ensures that the same software version on the WIN-PAK PE server can be loaded on the workstation. Workstations include monitor, keyboard and mouse. Optional printers or badging kits can be ordered separately.



WPPWS201

WIN-PAK PE Workstation Computer
WIN-PAK PE workstation computer.



WPPWS235

WIN-PAK PE* Badging System with Simplex Printer

Badging ready workstation equipped with the Rio 2e simplex badging printer (M9006-749). Includes camera and power supply (PBCAM14), lighting kit (PBLK3), tripod (PB-TRI-POD), 25 no-technology PVC cards (PVC-NT-1), color ribbon (M9005-751) and cleaning kit (M9005-761MED).

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

Professional Systems

WIN-PAK[®] PE SYSTEMS

WIN-PAK[®] PE SYSTEMS

WIN-PAK[®] PE “AC” and “FS” systems use a true file server computer. The “AC” systems use a 5-user Windows 2003 Server OS. The “FS” systems use a 10-user Windows 2003 Server OS. Badging is not supported on a file server. Badging kits can be added to the WPPWS201. The following chart indicates what each system includes.

Included Components	5-User WIN-PAK PE File Server Computer (WPPAC202)	5-User WIN-PAK PE File Server SQL Computer (WPPAC202-S)	10-User WIN-PAK PE File Server Computer (WPPFS202)	10-User WIN-PAK PE File Server SQL Computer (WPPFS202-S)	WIN-PAK PE Workstation (WPPWS201)	WIN-PAK PE Badging Workstation (WPPWS235)
Dell File Server CPU, 5-User OS	✓	✓				
Dell File Server CPU, 10-User OS			✓	✓		
Dell Workstation CPU					✓	✓
WIN-PAK PE Software	✓	✓	✓	✓		
MS SQL Server 2005 Database		✓		✓		
Dell 17" Flat Screen LCD Monitor	✓	✓	✓	✓	✓	✓
Rio 2e Simplex Printer (M9006-749)						✓
Rio 2e Color Ribbon (M9005-751)						✓
Rio 2e Cleaning Kit (N9005-761MED)						✓
USB Badging Camera (PBCAM14CO)						✓
USB Camera Power Supply (PBCAM14PS)						✓
USB Camera Remote (PBCAM14RC)						✓
Badging Lighting Kit (PBLK3)						✓
Camera Tripod (PB-TRI-POD)						✓
Blank PVC Cards, 25 Quantity (PVC-NT-1)						✓
Quick Reference Guide (TD0074-02)	✓	✓	✓	✓	✓	✓

Professional Systems products are available only to certified dealers who have met Honeywell dealer requirements and completed the required technical training. Contact Honeywell Sales Support or your Regional Sales Manager for more information about becoming a certified dealer.

Professional Systems

WIN-PAK® PRO CENTRAL STATION

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



Customized reports by account can be created and scheduled to run hourly, daily or weekly. Alarms, events and reports can be sent to email, cell phone or any enabled device. Remote photo-ID badging tools Internet portal option for customers allows access via any web browser.

Advanced operator actions like alarm routing, keyboard shortcuts, floor plan graphic displays and remote digital video monitoring provide powerful support. For customers that would like to have local control over their system, WIN-PAK PRO Central Station offers a web enabled interface to their account. Customers can access their information live using any standard web browser interface. Capabilities include running predefined reports, adding and deleting users, managing time schedules and more.

FEATURES

- Access Control Alarm and Event Monitoring
- Monitor alarms and events real-time
- Special response messages per account/per alarm or event
- 99 priority levels of alarms/events
- Control and response, including acknowledge, clear, annotate, live video and recorded video
- Manual override, lock and unlock doors, shunt/bypass zones and input points
- Live floor plan views
- Remote Digital Video Monitoring using Honeywell Rapid Eye, Rapid Eye LT and Fusion DVR's
- Record and playback events
- Multiple camera control, including pan, tilt & zoom
- Alarm video pop-up
- Prevent unauthorized access with Video Verification
- View video from up to 16 accounts at a time
- Central Station Operator Controls
- Monitor alarms & events real-time
- Remote digital video monitoring
- Operator event claiming
- Account specific access
- Fast keyboard shortcuts
- Alarm or event routing by operator
- Customized Reporting
- Create customized reporting options by account
- Email report options
- Send detailed reports to BlackBerry®, cell phone, fax, email
- Specialized reports like card frequency and attendance
- User Web Interface
- Access from any web browser
- Run or schedule predefined reports
- Add/remove users
- Upload employee photos
- Manage time schedules and access levels
- Photo-ID Badging Management
- Recurring revenue opportunity
- Lost card replacement
- Increased customer value
- Upload images via web interface

Professional Systems

WIN-PAK® PRO CENTRAL STATION

BENEFITS

Remote Digital Video Monitoring

WIN-PAK PRO Central Station offers integration for monitoring a customer's digital video system. Operators can monitor live video from up to 16 different accounts at a time. Operators can pan, tilt and zoom cameras from any account. Remote monitoring also includes Visual Video Verification, which allows a live image to be compared to a stored database image of an individual before access is granted.



Photo-ID Badge Production

A central management function for badge production offers value to customers that want the security of having printed photo-ID badges, but cannot justify the cost for the number of badges required. Photo-ID badge production requires minimal investment in a card printer for the dealer that can be spread across multiple accounts as badges are produced. Combined with the web browser interface, images can be uploaded via the web and are easy to retrieve by the dealer.



Web Browser Interface

Customers can access their account from an enabled web browser. The web browser allows customers to manage cardholders, access levels and cardholder reports.



Customized Reporting

Not all customers want the same reports. With WIN-PAK PRO Central Station, dealers can create customized reporting solutions for each account. These reports can then be scheduled to run automatically hourly, daily, weekly or monthly. Once the report is run it can be emailed, faxed or sent to any enabled device.



Advanced Operator Controls

Central Monitored System Operators have access to many advanced account management and handling capabilities. Operators have the ability to monitor alarms and events and provide verification for the customer. In addition operators can monitor customer's live digital video systems and provide appropriate support. Event claiming allows an operator to claim an event and the system will lock out other operators from that account. Event claiming eliminates duplicate alarm handling. The operator then has exclusive account control and all events are focused to the operator that has claimed the event.



Professional Systems

WIN-PAK® PRO CS SSA / SYSTEMS

WIN-PAK PRO CENTRAL STATION COMPUTER SYSTEMS



WCSFSM

WIN-PAK PRO Central Station – 50 Account System – Basic

50 account system for Ethernet and/or dial-up includes four communication ports (NTEXPD14), cables (NTEXPCM) and modems (M-56K). Basic file server computer with 5-user server OS, 36 GB SCSI, 1 GB RAM and MSDE database engine. Does not include Web interface option.

WCSFSMW

WIN-PAK PRO Central Station – 100 Account System – Standard

100 account system for Ethernet and/or dial-up includes four communication ports (NTEXPD14), cables (NTEXPCM) and modems (M-56K). Dual processor file server computer with 5-user server OS, 3-36 GB SCSI (RAID 5 configuration), 2 GB RAM, redundant power supply and SQL2000 database engine. Does not include Web interface option.

WCSFSB

WIN-PAK PRO Central Station – 500 Account System – Premium 500 account system for Ethernet and/or dial-up includes eight communication ports (NTEXPD18), cables (NTEXPCM) and modems (M-56K). Dual processor file server computer with 5-user server OS, 5-36GB 15kRPM SCSI (RAID 5 configuration), 2GB RAM, redundant power supply and SQL2000 database engine. Does not include Web interface option.

Consult factory for applications requiring more than 500 accounts.

Professional Systems products are available only to certified dealers who have met Honeywell dealer requirements and completed the required technical training. Contact Honeywell Sales Support or your Regional Sales Manager for more information about becoming a certified dealer.

WCS0

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

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

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.

Professional Systems

REMOTE SITE STARTER KITS – DIAL-UP

SAMPLE REMOTE SITE STARTER KITS - DIAL-UP

NS2+ Remote Site Dial-up Starter Kit

NS2+ based kit with modem (M-56K), two readers (OP30HONE), battery backup (BAT-3), suppressor kit (S-4) and converter (N-485-HUB-2).

PRO2200 Remote Site Dial-up Starter Kit

PRO2200 based kit with intelligent controller with enclosure, (PRO22E1IC), two-reader board (PRO22R2), modem (M-56K), modem cable (CBL-2), two readers (OP30HONE) and suppressor kit (S-4). The enclosure allows seven additional expansion boards.

N-1000-III Remote Site Dial-up Starter Kit

N-1000-III based kit with modem (M-56K), two readers (OP30HONE), suppressor kit (S-4) and converter (N-485-HUB-2).

NS2+ Remote Site Ethernet Starter Kit

NS2+ based kit with Ethernet interface (NSLAN1), two readers (OP30HONE) and suppressor kit (S-4).

NS2+ Remote Site Ethernet Starter Kit with Multidrop 485

NS2+ based kit with 485 converter (N485PC12L), Ethernet converter (LANSRLU1), two readers (OP30HONE), transformer (X-4), battery backup (BAT-3) and suppressor kit (S-4).

PRO2200 Remote Site Ethernet Starter Kit

PRO2200 based kit with intelligent controller, Ethernet interface, enclosure with (PRO22E1EN), two-reader board (PRO22R2), two readers (OP30HONE) and suppressor kit (S-4). The enclosure allows 7 additional expansion boards.

N-1000-III Remote Site Ethernet Starter Kit

N-1000-III based kit with Ethernet interface (LANSRLU1), two readers (OP30HONE), suppressor kit (S-4) and converter (N485PC12L).



Power Supplies & Batteries Sold separately

Professional Systems

REMOTE SITE STARTER KITS – ETHERNET

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).



PRO22E1EN

PRO2200 Intelligent Controller Kit with TCP/IP Communication

This kit contains the intelligent controller (PRO22IC), a high-density wall mount enclosure (PRO22ENC1), the high-density power supply (PRO22E1PS) and 7AH battery (PRO22BAT1) capable of supplying primary and backup power for up to 9 PRO2200 modules and Ethernet device (PRO22EN) for communication via TCP/IP to the host.

ALSO AVAILABLE:

PRO22E1IC

PRO2200 Intelligent Controller Kit with RS485 Communication

Same as PRO22E1EN, but utilizes an RS232 to RS485 converter in place of the PRO22EN for communication to the host.



PRO22E1D2

PRO2200 2 Door TCP/IP Kit

Adds one dual reader board (PRO22R2) to the PRO22E1EN.

PRO22E1D4

PRO2200 4 Door TCP/IP Kit

Adds two dual reader boards (PRO22R2) to the PRO22E1EN.

PRO22E1D8

PRO2200 8 Door TCP/IP Kit

Adds four dual reader boards (PRO22R2) to the PRO22E1EN



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 (228.6 mm H x 139.7 mm W x 25.4 mm D). Power requirements: 10-16 VDC @ 400 mA.

Power Supplies & Batteries Sold separately

Professional Systems

PRO2200 CONTROLLERS

PRO22R2

PRO2200 Two Reader Board

PRO2200 dual reader board supports two TTL (Wiegand or clock and data) readers and supplies two Form-C contacts, 5 A @ 28 VDC (resistive) for controlling locks and four Form-C, 2 A @ 28 VDC (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 (139.7 mm H x 228.6 mm W x 25.4 mm D). Power requirements: 12 VDC @ 400 mA.



PRO22R1

PRO2200 Single Reader Board

PRO2200 single reader board supports one TTL (Wiegand or clock and data) reader and supplies one Form-C contact, 5 A @ 28 VDC (resistive) for controlling locks and one 1 A @ 28 VDC 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 (108 mm H x 70 mm W x 36 mm D). Power requirements: 12 VDC 125 mA (175 mA max available for reader power).



PRO22IN

PRO2200 16 Input Module

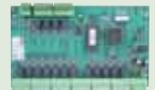
PRO2200 input module with 12 general purpose inputs with programmable circuit type (16 are available when using PRO22ENC3 tile-mounted enclosure), two dedicated alarm inputs for tamper detection and power loss (tile-mounted only), and two general purpose, Form-C, 2 A @ 30 VDC relays (only one available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



PRO22OUT

PRO2200 16 Output Module

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



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 (35.3 cm H x 43.2 cm W x 22.9 cm 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 (35.3 cm H x 48.0 cm W x 22.9 cm 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 2.4 A power supply and 4 AH sealed lead acid battery. Dimensions: 14" H x 16" W x 4" D (35.6 cm H x 40.7 cm W x 10.2 cm D).



Professional Systems products are available only to certified dealers who have met Honeywell dealer requirements and completed the required technical training. Contact Honeywell Sales Support or your Regional Sales Manager for more information about becoming a certified dealer.

Professional Systems

PRO2200 ACCESSORIES



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 (21.3 cm H x 19.4 cm W x 19.4 cm 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 (23.8 cm H x 42.8 cm W x 14.2 cm D).

PRO2200 COMMUNICATIONS



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. 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 (40.0 mm H x 49.0 mm W x 25.4 mm D).



PRO22CVT1

RS232-RS485 Data Converter

The PRO22CVT1 is an RS485 interface located between the computer and the PRO22IC. The device converts the RS232 data coming from the serial port on the PC into RS485 data.



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.

* When using WIN-PAK PE with multiple access levels, the card data base maximum is 10,000



PRO22E1PS

4 A Rack Mounted Power Supply with Battery Backup

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



PRO22DCC

PRO2200 Daisy Chain Cable

The PRO22DCC daisy chain cable is a prewired cable harness used to quickly route power and RS485 communications across up to nine PRO2200 series panels located in the PRO22ENC1 or PRO22ENC2 enclosure.

Professional Systems products are available only to certified dealers who have met Honeywell dealer requirements and completed the required technical training. Contact Honeywell Sales Support or your Regional Sales Manager for more information about becoming a certified dealer.

Web-based Access Control

For customers who are looking to take advantage of Web-based access control, Honeywell's NetAXS™ offers a solution that helps reduce time spent on installation, support and training. Web-based access control is the ideal solution for customers who want to manage their own access control solution but want to avoid the issues associated with managing operating systems, software upgrades, and compatibility issues. Now, customers can access and manage their system from any Internet connection—anywhere. Using the Web-based access control solutions provided by NetAXS, customers can start with the Web and grow as their needs change. Then, if their needs grow beyond the capability of the Web system, they can migrate to the WIN-PAK platform and expand their system further.

THIS SECTION INCLUDES:

NetAXS Standalone Kits

NetAXS Control Panels



Web-based Access Control

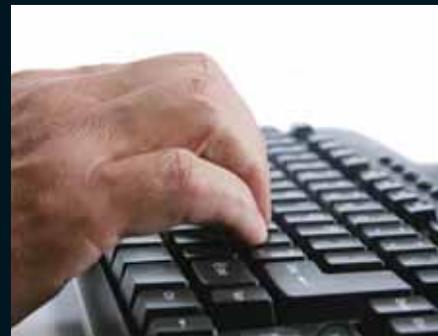
NETAXS™ STANDALONE KITS



Honeywell's NetAXS™ is the ideal solution for users who are new to access control. Simple programming and menu options are based on typical Web usability which helps reduce the overall learning curve. NetAXS is IT friendly and has built-in Ethernet support that is encrypted and easy to manage.

Benefits:

- Intuitive interface – Simple Web pages allow fast programming and easy usability
- Low-cost solution – Integrated enclosure keeps installation costs to a minimum
- Simple installation – Pre-wired power and connectors let you hang it up, plug it in, and go. No other solution makes installation easier!
- Reduce costs – No PC software to purchase or install
- Worry-free operation – No operating systems, virus checking, or hard drive issues
- World Wide Security – Check your system or run reports from any Web browser



Web-based Access Control

NETAXS™ STANDALONE KITS

SAMPLE KITS

NX4 with Small Enclosure - Standalone Web-based

Access 4 Door Kit with OP30HONE

NetAXS Standalone Web Controller Kit with 4 OP30HONE Proximity Readers, small enclosure, NX4 control panel.



NX4 with Large Enclosure - Standalone Web-based

Access 4 Door Kit with OP30HONE

NetAXS Standalone Web Controller Kit with 4 OP30HONE Proximity Readers, large enclosure, NX4 control panel, 8 output fused relay board.



NetAXS with Small Enclosure - Standalone Web-based

Access 4 Door Kit with OP40HONE

NetAXS Standalone Web Controller Kit with 4 OP40HONE Proximity Readers, small enclosure, NX4 control panel.



NetAXS with Large Enclosure - Standalone Web-based

Access 4 Door Kit with OP40HONE

NetAXS Standalone Web Controller Kit with 4 OP40HONE Proximity Readers, large enclosure, NX4 control panel, 8 output fused relay board.



Power Supplies & Batteries Sold separately

Web-based Access Control

NETAXS™ CONTROL PANELS



NX4L1

NX4 Pre-wired 4 Door Hybrid Control Panel

NX4 pre-wired 4 door control panel includes large enclosure with NX4 control panel, 8 output fused relay board, System specifications include fast 32-bit processor with memory capacity for 10,000 card holders; 25,000 buffer capacity; 14 supervised alarm inputs, expandable to 78 total inputs; 8 relay outputs (SPDT), expandable to 72 total outputs; built-in Ethernet interface with integrated Linux Web server, RS232 and RS485 communication interfaces. Direct 110 VAC power cord. Dimensions: 17.7" W x 23.9" H x 3.5" D (45.0 cm W x 60.7 cm H x 9.0 cm D). Temperature: 35-110°F (2-43°C) operational humidity: 0 to 85% RHNC; UL 294 and CE listed.



NX4S1

NetAXS Small 4 Door Hybrid Control Panel

NetAXS 4 door control panel includes small enclosure with NX4 control panel System specifications include fast 32-bit processor with memory capacity for 10,000 card holders; 25,000 buffer capacity; 14 supervised alarm inputs, expandable to 78 total inputs; 8 relay outputs (SPDT), expandable to 72 total outputs; built-in Ethernet interface with integrated Linux Web server, RS232 and RS485 communication interfaces. 24 VDC @ 2 A or 16.5 VAC @ 2 A. Dimensions: 14.5" W x 18.0" H x 4.4" D (36.8 cm W x 45.7 cm H x 12.0 cm D). Temperature: 35-110°F (2-43°C) operational humidity: 0 to 85% RHNC; UL 294 and CE listed.



NX4PCB

NetAXS Control Panel – Board Only

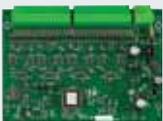
NetAXS Control Panel without Enclosure



NX4OUT

NetAXS 16 Output Board

NetAXS 16 Output Relay Board with 16 general purpose output relays, Form-C, 2 A @ 30 VDC and two dedicated alarm inputs for tamper detection and power loss. Up to 4 NX4OUT output boards per NetAXS control panel. Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7 mm H x 228.6 mm W x 25.4 mm D). Power requirements: 12 VDC @ 400 mA.



NX4IN

NetAXS 32 Input Board

NX4IN input module with 32 general purpose inputs with programmable circuit types. Up to 2 NX4IN input panels per NetAXS control panel. Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7 mm H x 228.6 mm W x 25.4 mm D). Power requirements: 12 VDC @ 350 mA.

Power Supplies & Batteries Sold separately

Entry Level Solutions

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 Solutions



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 composed 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 Solutions | NStar

SAMPLE KITS

NStar Access Starter Kit with OmniProx Readers

The NSSKR is an NStar starter kit with readers. The kit contains NStar software, NS2 controller (NS2), two HID compatible OmniProx readers (OP10HONE), locking enclosure (ENC10), accessory kit (NS2ACC), 50' communications cable (CBL50) and two suppressor kits (S-4). Optional 485 or onboard TCP/IP available. Dimensions: 14.5" H x 12.5" W x 3.5" D (36.83 cm H x 31.75 cm W x 8.89 cm D).



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) and two suppressor kits (S-4). Dimensions: 14.5" H x 12.5" W x 3.5" D (36.83 cm H x 31.75 cm W x 8.89 cm D).



NSOPT1

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.



NStar Access and Badging Kit

Everything needed for access and badging in one affordable kit. Includes: NStar Starter Kit with readers (NSSKR) and Software Option Pack (NSOPT1), camera, Alto photo ID badging printer (M9006-380), color ribbon (PCX-PF2) and cleaning kit (CK1).

Power Supplies & Batteries Sold separately

Entry Level Solutions | NS2



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) 12 A @ 28 VDC, eight supervised alarm inputs, RS485 communications or TCP/IP interface module (optional). 600 mA 12 VDC output for readers and auxiliary devices. Current draw is 1.25A maximum. Power requirements: 16.5 VAC or 24 VDC @ 1.25A. Dimensions: 5.75" H x 9" W x 1.5" D (14.61 cm H x 22.86 cm W x 3.81 cm 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 (40.0 mm H x 49.0 mm W x 25.4 mm D).



NS2MEM

NS2 Memory Expansion Module

Expands the NS2 to 10,000 card holders and 100,000 buffers.



CBL50

RJ45 to DB9F Serial Cable for NS2 Control Panel

50' RJ45 to DB9F serial cable for use with the NS2 control panel. Included with NSSK and NSSKR



ENC10

Universal Beige Cabinet

Beige enclosure for NS2. Dimensions: 14.5" H x 12.5" W x 3.5" D (36.83 cm H x 31.75 cm W x 8.9 cm D).



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 (35.3 cm H x 43.2 cm W x 22.9 cm D).



NS2ACC

NS2/NS2+ Accessory Kit

Includes cabinet lock and key, terminating resistors, LED, battery leads, surge suppressors, panel tamper and grounding block.

Power Supplies & Batteries Sold separately

Digital Video Solutions

Honeywell is a whole solution provider that offers digital video integration using Honeywell DVR products. Integration through NStar, WIN-PAK[®] SE, WIN-PAK[®] PE and WIN-PAK[®] PRO Central Station 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:

Rapid Eye[™]

Rapid Eye[™] Multi-Media LT

Fusion

Image courtesy of Mystic Lake Casino & Hotel - Shakopee Mdewakanton Sioux Community designed by the SMSC Gaming Enterprise



Digital Video Solutions

DVR INTEGRATION

Honeywell offers enhanced digital video recording integration by combining its video and CCTV systems with access control systems to create powerful security solutions. With Honeywell's video systems, you get innovative PC-based digital recording technology that seamlessly integrates with access control and software systems from Honeywell's access systems. This powerful combination gives you enhanced functionality and greater control over your security needs.

DVR Integration

- Capture live video and link it to access control alarms and events such as door forced open, invalid card readers, glass break, motion alarms and others.
- Video verification for access control allows operators to verify a live user and match the user to an existing image stored in the access control database. The operator can then grant or deny access based on verification.
- Video pop-ups linked to alarms or events generated by an access control system. Thereafter, a video screen displays the event as it occurs – and operators can retrieve video prior to the alarm or event.
- Consistent camera control in the access control software, such as pan, tilt, and zoom are connected to the DVR directly from the access control software, which allows up to six cameras to be monitored simultaneously and gives the operator the ability to select specific cameras to control.
- Additional features include live video call-up, alarm view screen, digital video screen, set camera presets, history event filters, synchronized playback of multiple cameras and more.



	1-2 Door Application	Entry Level Commercial	Small - Medium Commercial	Large Commercial	Centrally Monitored
Typical Applications	<ul style="list-style-type: none"> • Gates • Small Retail 	<ul style="list-style-type: none"> • Small Office Buildings • Medical/ Professional • Daycare Centers 	<ul style="list-style-type: none"> • Medium Businesses • Financial • Manufacturing • Light Industrial 	<ul style="list-style-type: none"> • Medium-large Commercial • Financial • Pharmaceutical • Universities/Campuses • Government 	<ul style="list-style-type: none"> • Small-medium Commercial • Remote Managed Sites • Web-based Management
Software Solution	<ul style="list-style-type: none"> • NStar Starter Kit 	<ul style="list-style-type: none"> • NStar 	<ul style="list-style-type: none"> • WIN-PAK SE 	<ul style="list-style-type: none"> • WIN-PAK SE • WIN-PAK PE 	<ul style="list-style-type: none"> • WIN-PAK PE Central Station
Hardware Solution	<ul style="list-style-type: none"> • NS1 Single Door System 	<ul style="list-style-type: none"> • NS2 Controller 	<ul style="list-style-type: none"> • NS2+ Controller 	<ul style="list-style-type: none"> • N-1000 Controller • PRO-2200 Controller 	<ul style="list-style-type: none"> • NS2+ Controller • N-1000 Controller • PRO-2200 Controller
Video Solution	<ul style="list-style-type: none"> • Rapid Eye™ Multi Media v7 with NSOPT1 	<ul style="list-style-type: none"> • Rapid Eye™ Multi-Media LT v7 with NSOPT1 	<ul style="list-style-type: none"> • Rapid Eye™ Multi-Media v7 and Fusion III 	<ul style="list-style-type: none"> • Rapid Eye™ Multi-Media DSP v7 or Fusion III 	<ul style="list-style-type: none"> • Rapid Eye™ Multi-Media LTv7, v7 and DSP v7

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 | LOBBYWORKS™ KITS



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, and finance and insurance corporate offices. All have a common need to maintain 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 the 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.



Visitor Management | LOBBYWORKS™ KITS



LWVMSKSTD

LobbyWorks™ Standard Edition Starter Kit

Contains:

- LWVMSSTD – LobbyWorks™ Standard Edition
- LWVMSBP – Dymo LabelWriter 400
- LWVMSDLS – Driver License and Business Card Scanner
- LWVMSDOME – Logitech Orbit PTZ Camera
- LWVMSVB – Dymo Adhesive Visitor Badge Labels – 12 rolls (300 labels/roll)

WVMSKSTDCL

LobbyWorks Standard Edition Additional License Kit

Contains:

- LWVMSSTDCL – LobbyWorks Standard Edition
- LWVMSBP – Dymo LabelWriter 400
- LWVMSDLS – Driver License and Business Card Scanner
- LWVMSDOME – Logitech Orbit PTZ Camera

LWVMSKPRO

LobbyWorks Professional Edition Kit

Contains:

- LWVMSKPRO – LobbyWorks Professional Edition
- LWVMSBP – Dymo LabelWriter 400
- LWVMSDLS – Driver License and Business Card Scanner
- LWVMSDOME – Logitech Orbit PTZ Camera
- LWVMSVB – Dymo Adhesive Visitor Badge Labels – 12 rolls (300 labels/roll)

LOBBYWORKS SOFTWARE COMPARISON

Features	Professional Edition	Standard Edition
Multiple Stations	✓	✓
Registration	✓	✓
Tracking	✓	✓
Badging	✓	✓
Watch List	✓	✓
Photo	✓	✓
Business Card Image	✓	✓
Driver License Image	✓	✓
Signature Image	✓	✓
Group Registration	✓	✓
Asset Tracking		✓
Delivery Tracking		✓
Available Add-ons		
Web Center		✓
Notify		✓
Kiosk		✓
Reports	✓	

Visitor Management

LOBBYWORKS™ SOFTWARE



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 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 (LWVMSSEXPCL), LobbyWorks Web Center (LWVMSSEBNDL) 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.

LWVMSSEXP

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.

LWVMSEPE

LobbyWorks Software Upgrade

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



Visitor Management | LOBBYWORKS™ OPTIONAL HARDWARE



LWVMSDLS

ScanShell Business Card and Driver License Scanner

USB document scanner used to scan visitor business cards or driver licenses during registration at the LobbyWorks Front Desk or LobbyWorks Kiosk. Check LobbyWorks documentation for supported driver license states and countries. Dimensions: 1.25" H x 7" W x 2" D (3.18 cm H x 17.78 cm W x 5.08 cm 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 license states and countries. Dimensions: 1" H x 7" W x 6" D (2.54 cm H x 17.78 cm W x 15.24 cm 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 400

USB, 300 dpi, black/white thermal printer for visitor labels. Dimensions: 5.5" H x 5" W x 7" D (13.97 cm H x 12.7 cm W x 17.78 cm 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 (18.24 cm H x 12.27 cm W x 9.47 cm D).



LWVMSSIG

Topaz SigLight LCD Signature Capture Pad

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



LWVMSIKD

Touchscreen Kiosk with Integrated Camera and Speakers

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

Visitor Management

LOBBYWORKS™ OPTIONAL HARDWARE

LWVMSISK

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 license/business card scanner. Dimensions: 50.2" H x 16.2" W x 15.2" D (127.51 cm H x 41.15 cm W x 38.61 cm D). Weight: 70 lbs. (31.8 kg).



LWVMSHUB

4-Port USB Hub

4-port USB 1.1 hub with external power supply. Used to add USB ports for PCs that do not have enough ports to support the LobbyWorks devices.

LWVMS56K

MultiTech 5600 Serial Voice Modem

Serial interface voice modem. Used by LobbyWorks Front Desk and LobbyWorks Kiosk to call the host, announce the visit and accept a touch-tone confirmation of the visit. Dimensions: 1" H x 4.5" W x 7" D (2.54 cm H x 11.43 cm W x 17.78 cm 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 (10.16 cm H x 15.24 cm W).





Integrated Systems

N-750 and PassPoint® Plus provide an ideal environment for dealers who are familiar with intrusion but are new to access control.

They are designed for those intrusion dealers who want to grow their business profitability by offering innovative access control solutions.

The terminology and function is based around intrusion, but the solution provides the additional capabilities of access control.

THIS SECTION INCLUDES:

N-750

PassPoint® Plus

Integrated Systems



Honeywell integrated products use logical controls instead of complicated relays to achieve access and intrusion integration. The N-750 provides a complete single panel / single software solution for new installations. PassPoint® Plus provides a host of new access control capabilities when retrofitted to existing VISTA control panel installations.

Benefits:

- Reduce overall system cost and installation by providing an integrated system solution.
- Increase revenue by adding access control to your next installation.
- Manage multiple accounts from a single software. Ideal for property managers or facilities with multiple locations.
- Reduce false alarms by preventing access when the system is armed.
- Provide enhanced services by reporting access control events such as door held open or door forced open to a central station.
- Integrated vs. interfaced provides logical solution through the control panel and software controls instead of complicated relays and timers.



Integrated Systems | N-750

N-750

The N-750 is a truly integrated system that provides a single software and single panel solution. Integration between access control and intrusion provides unique capabilities to manage multiple tasks through a single system. The N-750 is capable of managing multiple users across multiple accounts through the Win750 software. The N-750 can be installed standalone or at a central station. The N-750 can report standard events and alarms including door access events like door held open or door forced open through the internal dialer. Additional features include:

- 400 Zone Inputs (hardwired or multiplex)
- 24 Touchpads
- 24 Card Readers
- 1800 Users/Card Holders
- Complete UL Listing for Intrusion, Access Control and Central Station Reporting



WIN750

Integrated Access Control & Intrusion Management Software

Win750 is the newest software release for the N-750 integrated control panel. Win750 provides remote programming and system management of the N-750 for an installer, but also is used for an end user to generate reports and manage users for their system. With Win750 it is possible to manage a single account or multiple accounts with multiple locations. The Win750 brings together intrusion and access control in a single, easy to manage software platform. Win750 supports Microsoft® Windows® 2000 and XP Professional operating systems.



N-750

Integrated Intrusion and Access Control Panel

The N-750 is an integrated control panel that combines intrusion with access control and can report back to a central station. The N-750 supports direct RS232 communications or dial-up, or can be interfaced with an Ethernet option. The N-750 includes an on-board dialer for central station reporting. Able to manage up to eight partitions with eight areas per partition, the N-750 is a perfect solution for property managers or multi-tenant facilities. Includes 18 VDC transformer. Power: 18 VAC, 60 Hz, 50 VA. Operating temperature range: 32° to 120° F (0 to 49° C). Dimensions: 20" H x 15" W x 3" D (15.24 cm H x 38.1 cm W x 7.65 cm D). Weight: 17 lbs. (7.65 kg).



ALSO AVAILABLE:

N-750-PCB

N-750 Board Only, Without Enclosure

Dimensions: 6" H x 7.875" W x 1.5" D (15.24 cm H x 20.0 cm W x 3.81 cm D)
 Power Requirements: 40 mA @ 11-14 VDC (provided by N-750 panel).

Integrated Systems

N-750

N-750-PAIT

Programming/Access Touchpad Interface

The N-750-PAIT is a commercial touchpad that can be used as a door access station. The N-750-PAIT can be used in conjunction with the N-750-ADM for a total combination of 24 devices. The N-750 system must have at least one N-750-PAIT. The N-750-PAIT has one SPDT relay for door lock and two contact inputs for door egress and status. The touchpad can also be used to program the system in addition to arming and disarming alarms and checking the status of areas. Dimensions: 4.38" H x 7.13" W x 1.13" D (11.1 cm H x 18.1 cm W x 2.86 cm D). Power: 90 mA @ 11-14VDC (provided by N-750 panel).



N-750-ADM

Door Access Module for N-750

The N-750-ADM is a card reader interface for the N-750. The N-750-ADM can be used in conjunction with the N-750-PAIT for a total combination of 23 devices. The N-750-ADM has two SPDT relays for door lock and door held open and two contact inputs for door egress and status. Dimensions: 6" H x 7.88" W x 1.5" D (15.24 cm H x 20.0 cm W x 3.81 cm D). Power: 25 mA @ 11-14 VDC (provided by N-750 panel).



N-750-ZONE

64-Zone Hardwire Expander for the N-750

The N-750-ZONE is a hardwire expander that allows 64 zones to be added to the N-750 system. A total of six N-750-ZONE modules can be added to the system (if no other zone expansion device is being used). Dimensions: 16.13" H x 12.25" W x 3" D (40.96 cm H x 31.12 cm W x 7.62 cm D). Power: 80 mA @ 11-14 VDC (provided by N-750 panel).



N-750-SSE

128-Zone Smart Sensor Expander

The N-750-SSE serial zone expander is a UL listed zone expansion system used in conjunction with the N-750-SS smart sensor. Each N-750 system can support a total of three N-750-SSE expanders for a total of 384 points, with 128 points per N-750-SSE. Each point on the N-750-SSE is addressed with an N-750-SS. The N-750-SS does not have a built-in end-of-line resistor, and the N-750-EOL-UL-SS resistor should be used for all UL smart sensor applications. Dimensions: 4" H x 5.5" W x 1" D (10.16 cm H x 13.97 cm W x 2.54 cm D) Power: 80 mA @ 11-14 VDC (provided by N-750 panel).



N-750-SS

Smart Sensor for the N-750-SSE & N-750 (10 Pack)

The N-750-SS smart sensor is used in conjunction with the N-750-SSE. The N-750-SS connects to serial loops on the N-750-SS controller module. N-750-SS smart sensor point ID modules allow connection to and from point identification of most security devices. Ten per pack. Smart sensor point ID modules are addressed on-site using an N-750-PAIT.



Power Supplies & Batteries Sold separately

Integrated Systems

N-750 / ACCESSORIES



N-750-SDB

Expandable Relay Board, 4 SPST Relays

The N-750-SDB expandable relay board provides 16 low voltage outputs plus four Form C relay outputs. Up to three per N-750 system may be connected to provide up to 60 programmable outputs. Dimensions: 6.0" H x 7.88" W x 1.5" D (15.24 cm H x 20.0 cm W x 3.81 cm D). Power: 25 mA @ 11-14 VDC (provided by N-750 panel).



N-750-PI

Serial/Parallel Interface for the N-750

The N-750-PI serial/parallel module provides one 9 pin RS232 serial port and one parallel printer port. Eight N-750-PIs can be used per N-750. The N-750 can be used for either connection to a PC directly using a modem cable (CBL-N-750-PI) or in conjunction with a modem (M-56K) and cable (CBL-2) for remote communications. Dimensions: 6" H x 7.88" W x 1.5" D (15.24 cm H x 20.0 cm W x 3.81 cm D). Power: 40 mA @ 11-14 VDC (provided by N-750 panel).



CBL-N-750-PI

10' Null Modem Cable for N-750

The CBL-N-750-PI is used to interface the N-750-PI to a computer for direct connect using the Win750 software programs. 10' (3.05m) null cable with DB9 female to DB9 female connections.

ACCESSORIES



N-750-APS

Auxiliary 12 VDC Power Supply for the N-750

The N-750-APS is a notification and auxiliary power expander that provides up to 2.5 A of 12 V power for powering notification appliances and auxiliary devices. The N-750-APS uses the N-750 snap track located in the N-750 cabinet or the N-750-ENC accessory enclosure. Dimensions: 4" H x 4.75" W x 1.75" D (10.16 cm H x 12.07 cm W x 4.45 cm D).



N-750-COMM-CBL

Digital Dialer Cable for the N-750

The N-750-COMM-CBL is a 3' (0.9m) RJ31X cord for connecting a phone line to the built-in digital communicator on the N-750. The cable can also be used when the N-750-DPLM dual phone line adapter is installed in the N-750.



N-750-DPLM

Dual Phone Line Module for the N-750

The N-750-DPLM provides a second phone line connection. Includes a line monitor and ring detector for a second line. Required for UL installations. Connects and mounts directly to the standoffs provided on the panel. Power: 11-14 VDC at 20 mA (active only). Dimensions: 2.38" H x 2.18" W x 1.75" D (6.0 cm H x 5.53 cm W x 4.5 cm D)

Integrated Systems

N-750 / ACCESSORIES

N-750-INPT-CNCT

Input/Relay Connector for the N-750-PAIT

Connector that plugs into the N-750-PAIT. This allows for the input zones and output relay of the N-750-PAIT to be connected. One unit comes standard with each N-750-PAIT.



N-750-RDR-CNCT

Reader Connector for the N-750-PAIT

Five-wire Wiegand connector that plugs into the N-750-PAIT. This allows a Wiegand format reader to be plugged directly into the N-750-PAIT. One unit comes standard with each N-750-PAIT.



N-750-ENC

Accessory Enclosure for the N-750

Standard N-750 size enclosure with two snap tracks. Snap tracks are used to mount accessories such as the N-750-APS and N-750-SSE. Each enclosure can hold four accessories and two BAT-N-750. Dimensions: 20" H x 15" W x 3" D (50.8 cm H x 38.1 cm W x 7.62 cm D).



N-750-EOL-UL

End-of-Line UL Resistor

End-of-line UL approved 4.7K resistor. The N-750-EOL-UL is used for all hardwire input zones on the N-750. (The N-750-EOL-UL is not used with the N-750-SS; use N-750-EOL-UL-SS).



N-750-EOL-UL-10

End-of-Line UL Resistors, 4.7K (10-Pack)

End-of-line UL approved 4.7K resistors 10-pack. The N-750-EOL-UL-10 is used for all hardwire input zones on the N-750. (The N-750-EOL-UL-10 is not used with the N-750-SS; use the N-750-EOL-UL-SS)



N-750-EOL-UL-SS

End-of-Line UL Resistors for the N-750-SS (10-Pack)

Ten-pack of 1.43K ohm, end-of-line resistors for use with the N-750-SS. The N-750-EOL-UL-SS is required for UL applications.



Integrated Systems

PASSPOINT® PLUS

PASSPOINT® PLUS

PassPoint® Plus is an entry level access solution with integration to Honeywell VISTA 32, 128 and 250 intrusion panels. Integration to the VISTA panel is provided through PassPoint Plus and VISTA Gateway Module (PTVGM). Integration capabilities include arm or disarm upon card swipe, first card in / last card out, bypass zone with card swipe, door access with keypad, prevent access when system is armed and more. In addition to its integration capabilities, PassPoint Plus has a long list of features including:

- Quick start wizards
- Real-time alarm monitoring
- Photo-ID badging
- Dynamic 3-D floor plan
- Customized report generator
- Report scheduling
- E-mail reports and events
- Up to 32 doors of access
- Windows® 2000 and XP Professional compatible



SAMPLE KITS

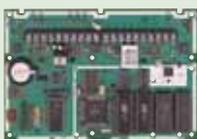
PassPoint® Plus Access Starter Kit with 2 Proximity Readers and 50 Cards

PassPoint Plus 2-door starter kit for entry level applications with integration to VISTA 32, 128 and 250 control panels. Starter kit includes PassPoint Plus software (PTPLUS21), main logic board (PTMLB), 2-door control module (PTDCM), two OmniProx readers (OP30HONE), 50 PassPoint format cards (two packs – PTPROX25), 6139 keypad/display, control panel enclosure, 1.8 A @ 12 VDC distributed power supply (PTDPSU), 18 VAC 50 VA transformer and RS232 PC connection cable. Enclosure dimensions: 14.5" H x 12.5" W x 3" D (36.83 cm H x 31.75 cm W x 7.62 cm D).

PTMLB

Main Logic Board Only

The main logic board is the main controller of the access control system. It holds the system configuration information, card database, and event log. It includes a real timeclock used to validate schedules and provide a time and date stamp for events. The MLB also provides two input zones and one Form C relay output. Dimensions: 5.5" H x 8" W x 1.25" D (13.97 cm H x 20.32 cm W x 3.18 cm D). Power: 1.8 A @ 11-14 VDC.



ALSO AVAILABLE:

PTMLBX

Expanded Version Main Logic Board Only

Expand card holders to 10,000 and events to 40,000. Dimensions: 5.5" H x 8" W x 1.25" D (13.97 cm H x 20.32 cm W x 3.18 cm D). Power: 1.8 A @ 11-14 VDC.

Integrated Systems

PASSPOINT® PLUS

PTDCM

Door Control Module Only

The door control module provides all of the inputs and outputs necessary to manage up to two doors of access control. Two supervised Form C relays, two trigger outputs and four supervised zone inputs (for managing door status and egress) are supplied on-board. Dimensions: 3.75" H x 8" W x 1.25" D (9.53cm H x 20.32 cm W x 3.18 cm D). Power: 900 mA @ 11-14 VDC.



PTQRM

Quad Relay Module – 4 SPDT, 4 Trigger

The quad relay module provides four Form C, supervised output relays and four trigger outputs 15 mA, 15 VDC max. Maximum eight PTQRM per system. Use PTCANPOWER for every two PTQRM modules. Dimensions: 3.75" H x 8" W x 1.25" D (9.53 cm H x 20.32 cm W x 3.18 cm D). Power: 100 mA @ 11-14 VDC.



PTZIM

Zone Input Module – 8 Input Board

The zone input module provides eight zone inputs. Maximum eight PTZIM per system. Use PTCANPOWER for every two PTZIM modules. Dimensions: 3.75" H x 8" W x 1.25" D (9.53 cm H x 20.32 cm W x 3.18 cm D). Power: 100 mA @ 11-14 VDC.



PTVGM

VISTA Gateway Module

The VISTA gateway module provides a means of integrating the PassPoint Plus access control system with the VISTA 250FB, 128B, 128FB or 32FB alarm control panels. Bi-directional communications between the two systems support arming/disarming and mapping of access zones into the VISTA panel, among a host of other features. The VGM allows existing central station automation equipment to accept and recognize access control related events and differentiate them from burglar and fire activities through the VISTA 250FB, 128B, 128FB and 32FB. Dimensions: 4.5" H x 6.5" W x 1.4" D (11.43 cm H x 16.51 cm W x 3.56 cm D). Power: 100 mA @ 11-14 VDC.



Integrated Systems | PASSPOINT® PLUS



PTCANPOWER

Enclosure, Smart Power Supply and Transformer

Power supply 12 VDC @ 1.8 A, mounted in a system enclosure with a wall transformer 18 VAC-50 VAC. Use to power two PTZIMs or PTQRM. Dimensions: 14.5" H x 12.5" W x 3" D (36.83 cm H x 31.75 cm W x 7.62 cm D).



PTDPSU

Distributed Power Supply Unit 12 VDC, 3 A

The power supply produces a nominal 12 VDC @ 1.8 A when connected to the supplied 18 VAC transformer. It has sufficient power to run the MLB, DCM, two card readers and two door locks (rated 12 VDC @ < 450 mA each). Dimensions: 2.75" H x 8" W x 2.25" D (7.0 cm H x 20.32 cm W x 5.72 cm D).



PTCEKPROX

Card Enrollment Kit

Card enrollment cabinet containing integral proximity reader and computer port module, one 15 VDC @ 600 mA transformer and case. (Required twisted-pair 22 AWG cable is not included and must be ordered separately). Dimensions: 5" H x 7" W x 4.5" D (12.7 cm H x 17.78 cm W x 11.43 cm D). Power: 190 mA @ 11-14 VDC.



PTPROX25

25 Prox Cards

Pack of 25 HID proximity cards (PassPoint 34-bit) with slot hole punch on the short side. Dimensions: 2.125" H x 3.375" W x .070" T (5.398 cm H x 8.573 cm W x .178 cm T).



PTKEY10

Package of 10 HID Key Tags

Pack of 10 HID key tags (PassPoint 34-bit format).



PTPLUS21

PassPoint Plus Software, Version 2.1

PassPoint Plus, the enhanced version of the widely acclaimed PassPoint Express, continues to offer powerful simplicity in setup and maintenance, which provides major savings in materials and labor. PassPoint Plus is a full-featured access control system priced at the cost of systems with far fewer capabilities and features.

ALSO AVAILABLE:

PTPLUS21UG

PassPoint Plus Version 2.1 Upgrade

PassPoint Express to PassPoint Plus 2.1 upgrade. Includes software, manuals and main logic board (MLB) firmware upgrade.

Control Panel Solutions

Honeywell's control panel solutions have been the reliable choice of dealers for many years.

Our controllers are the benchmark of the industry and offer unmatched flexibility and reliability that result in fewer callbacks and improved bottom-line profits for dealers. The new NetAXS™ series control panels provide the latest technology and innovations for access control solutions. NetAXS functions both as a replacement panel for the N-1000 control panel and as a next generation controller with all the capabilities our customers demand.

THIS SECTION INCLUDES:

NetAXS™

N-1000 Series

N-1000 System Kits

NS2+



Control Panel Solutions



The next generation of control panels is here. NetAXS™ is a direct N-1000 replacement that can be retrofitted* in over 100,000 installed panels. Along with the N-1000, NetAXS provides simple installation, robust operation and full features. NetAXS offers the latest technologies in IP communications, Web browser interface, fast processor and more. Use NetAXS for your next N-1000 service replacement or on your next new installation.

* Consult factory when using with C-100-A1 20 mA communications and AEP3 or AEP5 control boards.

Benefits:

- Proven track record over the past 20 years of performance for single-door or multiple door applications.
- Next generation NetAXS hybrid control panel provides either Web-based or PC-based access control.
- IT friendly design that provides on-board Ethernet with NetAXS or add-on options for N-1000 and NS2+ installations 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 NetAXS, N-1000 and NS2+ control panels allows updating of existing installations with powerful new features.



Control Panel Solutions | NETAXS™

NETAXS CONTROL PANEL

NetAXS™ is a new hybrid access control panel that lets you program and manage your access control system using either an integrated Web-browser or traditional PC-based software. The new hybrid solution provides the best of both worlds and lets you choose the level of security and functionality your business requires, bringing flexibility to access control. NetAXS can be used in-line with most N-1000 and NS2+ control panel installations. NetAXS offers two different pre-wired configuration choices—each distinguished by simplicity and flexibility:

- **Large:** incorporates the control panel within a large enclosure that includes the power supply, distributed relay module and battery backup
- **Small:** features the control panel and one battery within a small enclosure

SAMPLE KITS

NetAXS Pre-wired 4 Door Hybrid Control Panel

NX4 pre-wired 4 door control panel includes large enclosure with 8 output fused relay board, and (4) S-4 surge suppressors. System specifications include fast 32-bit processor with memory capacity for 10,000 card holders; 25,000 buffer capacity; 14 supervised alarm inputs, expandable to 78 inputs; 8 relay outputs (SPDT), expandable to 72 outputs; built-in Ethernet interface with integrated Linux Web server, RS232 and RS485 communication interfaces. Direct 110 VAC power cord. Dimensions: 17.7" W x 23.9" H x 3.5" D (45.0 cm W x 60.7 cm H x 9.0 cm D). Temperature: 35-110°F (2-43°C) operational humidity: 0 to 85% RHNC; UL 294 and CE listed.



NetAXS Small 4 Door Hybrid Control Panel

NetAXS 4 door control panel includes small enclosure with NX4 control S-4 surge suppressors, System specifications include fast 32-bit processor with memory capacity for 10,000 card holders; 25,000 buffer capacity; 14 supervised alarm inputs, expandable to 78 total inputs; 8 relay outputs (SPDT), expandable to 72 total outputs; built-in Ethernet interface with integrated Linux Web server, RS232 and RS485 communication interfaces. 24 VDC @ 2 A or 16.5 VAC @ 2 A. Dimensions: 14.5" W x 18.0" H x 4.4" D (36.8 cm W x 45.7 cm H x 12.0 cm D). Temperature: 35-110°F (2-43°C) operational humidity: 0 to 85% RHNC; UL 294 and CE listed.



NX4PCB

NetAXS Control Panel – Board Only

NetAXS Control Panel without Enclosure



NX4OUT

NetAXS 16 Output Board

NetAXS 16 Output Relay Board with 16 general purpose output relays, Form-C, 2 A @ 30 VDC and two dedicated alarm inputs for tamper detection and power loss. Up to 4 NX4OUT output boards per NetAXS control panel. Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7 mm H x 228.6 mm W x 25.4 mm D). Power requirements: 12 VDC @ 400 mA.



NX4IN

NetAXS 32 Input Board

NX4IN input module with 32 general purpose inputs with programmable circuit types. Up to 2 NX4IN input panels per NetAXS control panel. Dimensions: 5.5" H x 9.0" W x 1.0" D (139.7 mm H x 228.6 mm W x 25.4 mm D). Power requirements: 12 VDC @ 350 mA.



Power Supplies & Batteries Sold separately

Control Panel Solutions | N-1000 CONTROL PANELS

N-1000 CONTROL PANELS

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

The N-1000's distributed database stores all card, time zone, relay control and alarm point information in its memory.



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, 20 mA or RS485 communications (RS485 requires the use of N-485-HUB-2 or N-485-PCI-2 interfaces). Includes 12 V battery backup, detachable terminal blocks, locking enclosure with tamper switch. 12 V 500 mA output for external readers. Requires 16.5 VAC transformer or 12 VDC power supply for panel power and one suppressor kit (S-4) per used (active) relay. Current draw is 1.8 A maximum. Use with WIN-PAK software. Dimensions: 14" H x 18" W x 4" D (35.5 cm H x 45.6 cm W x 10.0 cm 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 (27.94 cm H x 27.94 cm W x 3.81 cm 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 (27.94 cm H x 27.94 cm W x 3.81 cm D).
(See page 365)

Power Supplies & Batteries Sold separately

Control Panel Solutions | N-1000

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, 20 mA or RS485 communications (RS485 requires the use of N-485-HUB-2 or N-485-PCI-2 interfaces). Includes 12 V battery backup, detachable terminal blocks, locking enclosure with tamper switch. 12 V 500 mA output for external readers. Requires 16.5 VAC transformer or 12 VDC power supply for panel power and one suppressor kit (S-4) per used (active) relay. Current draw is 1.8 A maximum. Dimensions: 14" H x 18" W x 4" D (35.5 cm H x 45.6 cm W x 10.0 cm 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 (27.94 cm H x 27.94 cm W x 3.81 cm 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 (27.94 cm H x 27.94 cm W x 3.81 cm D).

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.



Power Supplies & Batteries Sold separately

Control Panel Solutions | N-1000 KITS / ACCESSORIES



N1000K4

N-1000-IV Control Panel Kit

Complete N-1000-IV assembly with enclosure (N-1000-IV) transformer (X-4) and four suppressor kits (S-4).

ALSO AVAILABLE:

N1000K4X

N-1000-IV-X Control Panel Kit

N1000K3

N-1000-III Control Panel Kit

N1000K3X

N-1000-III-X Control Panel Kit

N-1000 SERIES ACCESSORIES



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). Requires separate 12 VAC 20 VA transformer or 12 VDC power supply, linear @ 500 mA. Current draw is 150 to 325 mA. Dimensions: 6" H x 10" W x 1.75" D, (15.24 cm H x 25.4 cm W x 4.445 cm D). Operating temperature range: 35°-110° F (2°-43°C).



AEP-3-CBL

AEP-3 Interconnecting Cable

Used to connect two AEP-3 relay boards or for use between AEP-3 and N-1000 panel.



ENC-3

Enclosure for N-1000-III

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

ALSO AVAILABLE:

ENC-4

Enclosure for N-1000-IV

Power Supplies & Batteries Sold separately

Control Panel Solutions

N-1000 SYSTEM KITS

ROCKET4

4 Door Access Control Starter Kit

Includes WIN-PAK SE (WPSE), RS485 converter (N-485-PCI-2), 4 door control panel (N-1000-IV-X), four OmniProx proximity readers (OP30HONE), and four suppressor kits (S-4).



BOOSTER2

2 Door Add-On Kit for Rocket Box

Includes 2 door control panel (N-1000-III), two OmniProx proximity readers (OP30HONE), and two suppressor kits (S-4).



BOOSTER4

4 Door Add-On Kit for Rocket Box

Includes 4 door control panel (N-1000-IV-X), four OmniProx proximity readers (OP30HONE), transformer (X-4) and four suppressor kits (S-4).



TSAP

4 Door Total Starter Access Package

The most complete system on the market, all you need to add is wire, locks and cards. This starter kit includes WIN-PAK SE access control software (WPSE), N-1000 control panel with transformer and four surge suppressors (N1000K4). RS45 interface (N-485-PCI-2), four OmniProx HID compatible mullion mount readers (OP30HONE), four request-to-exit devices (IS310WH) and four door contacts (7939WH).



TEAP2

2 Door Total Expansion Package

2-door expansion kit for the total starter package. This expansion kit includes an N-1000 control panel with transformer and two surge suppressors (N1000K3), two OmniProx HID compatible mullion mount readers (OP30HONE), two request-to-exit devices (IS310WH) and two door contacts (7939WH).

TEAP4

4 Door Total Expansion Package

4 door expansion kit for the total starter package. This expansion kit includes N-1000 control panel with transformer and four surge suppressors (N1000K4), four OmniProx HID compatible mullion mount readers (OP30HONE), four request-to-exit devices (IS310WH) and four door contacts (7939WH).

Power Supplies & Batteries Sold separately

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 it's 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

NS2+ Intelligent 2 Door Controller

2 reader/keypad access control panel. 10,000 code capacity, 100,000 buffer capacity, four relays (SPDT) 12 A @ 28 VDC, 8 supervised alarm inputs, RS485 communications or TCP/IP interface module (optional). Requires WIN-PAK SE, WIN-PAK PE, WIN-PAK PRO 2005 or WIN-PAK PRO Central Station. Includes locking enclosure with tamper switch, transformer (X-4) and two surge suppressors (S-4). 600 mA @ 12 VDC output for readers and auxiliary devices. Current draw: 1.25 A maximum. Dimensions: 14.5" H x 12.5" W x 3.5" D (36.33 cm H x 31.75 cm W x 8.89 cm D).



NS2UPG1

NS2+ Upgrade Kit

Upgrade from NS2 to NS2+ control panel.



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 (40.0 mm H x 49.0 mm W x 25.4 mm D).



CBL50

RJ45 to DB9F Serial Cable for NS2+ Control Panel

50' RJ45 to DB9F serial cable for use with the NS2+ control panel.



NS2ACC

NS2/NS2+ Accessory Kit

Includes cabinet lock and key, terminating resistors, LED, battery leads, S-4 surge suppressors, panel tamper and grounding block.

Power Supplies & Batteries Sold separately

Control Panel Solutions | NS2+ KITS

SAMPLE KITS



ROCKET2P

ROCKET2P 2 Door Starter Kit with OP30 Readers

2 Door Starter Kit includes WIN-PAK SE Software, NS2+ Control Panel, (2) OP30HONE OmniProx Proximity Readers, Transformer, RS485 Interface and Accessories.



BOOSTER2P

2 Door Expansion Kit with OP30 Readers

2 Door Expansion Kit includes NS2+ Control Panel, (2) OP30HONE OmniProx Proximity Readers, Transformer and Accessories.

Power Supplies & Batteries Sold separately



Standalone Systems

Honeywell's standalone solutions provide an opportunity for dealers to offer access control for single door applications. And when the need arises these single-door/standalone solutions can be expanded to include additional readers or migrate to a full-fledged access control system.

THIS SECTION INCLUDES:

NS1

EntryProx

Standalone Systems



Based on our experience, we know that customers that start with one door eventually add more doors to an installation. With Honeywell's standalone solutions users can start small and expand as their needs grow. The NS1 is a complete standalone controller that can be expanded to eight doors. The EntryProx is a single door solution that is also simple to install. Both solutions can easily migrate to a full-featured system.

Benefits:

- Multiple programming options, keypad, programming cards or PC-based software (NS1).
- Wiegand output allows both systems to communicate to a full Honeywell access control system.
- Indoor or outdoor options provide ideal applications for gates, vestibules, small retail, storage lockers, and more.
- Complete audit trail and reporting options provide full system functionality at a fraction of the price.
- The NS1 can expand up to eight readers connected through PC software.
- Tamper resistant option provides input to a sounder or alarm.
- Flexible options for users wanting cards or key tags.



Standalone Systems | NS1

NS1

The NS1 offers a variety of options unparalleled in an entry-level product. Its small size, combined with powerful functions and programming capabilities, makes the NS1 ideal for small entry-level applications with a single door or up to eight doors of access control. Within the flexibility of the NS1, it is also capable of migrating to other control panels as a functional proximity reader.

Features:

- 5,000 tag memory
- 2,300 event storage
- Real-time clock with two access levels
- 3 colored bezels included
- 3-5" read range
- PC-based software option



NS1

Integrated Single Door Proximity Reader/Controller

The NS1 is an integrated proximity reader and door controller designed to operate in standalone or in a network mode. Supports EM format cards (NS1CARD). Requires 12 VDC @ 40 mA nominal voltage power supply (NS1PS). Dimensions: 3.25" H x 1.89" W x .96" D (82.5 mm H x 48 mm W x 24.5 mm D). Operating temperature: 5° - 158° F (-15° - 70° C). Humidity: max 100%. Completely sealed for outdoor applications.



NS1EM1

NS1 with 10 Proximity Cards and Program Master Cards

Complete kit containing the NS1 controller, 10 EM format cards (NS1CARD) and Program Master cards. Power supply (NS1PS) not included.



NS1EM2

NS1 with 10 Proximity Key Tags and Program Master Cards

Complete kit containing the NS1 controller, 10 EM format key tags (NS1TAG) and Program Master cards. Power supply (NS1PS) not included.



NS1EM3

NS1 with PC Manage Software, 485 Connection Unit & Cable

The NS1EM3 kit contains the NS1 controller, USB to RS485 converter and cable along with the NS1 Manage software for programming and monitoring via a Windows-based PC. Network up to 8 units when connected to NS1 Manage software. 485 connection interface unit (NS1CU) is required for each additional NS1. Supports Microsoft Windows 2000, XP and Vista. Requires 12 VDC @ 40 mA nominal voltage power supply (NS1PS).

Standalone Systems | NS1

NS1PRG

Wireless RF NS1 Programmer

The NS1PRG remote programmer is a wireless programming keypad for the NS1 or N-300. All system configuration and settings can be made with the NS1PRG. The programmer utilizes a passive RF design and does not require batteries. Dimensions: 3.5" H x 2.17" W x .5" D (90 mm H x 55 mm W x 14 mm D).



NS1CARD

10 Pack of PVC Printable Proximity Cards for the NS1

Pack of 10 EM format PVC printable cards for the NS1 or N-300.



NS1PC25

25 Pack of PVC Printable Proximity Cards for the NS1

Pack of 25 EM format PVC printable cards for the NS1 or N-300.



NS1TAG

10 Pack Proximity Key Tags for the NS1

Pack of 10 EM format key tags for the NS1 or N-300.



NS1CU

NS1 485 Connection Interface Unit

The NS1CU connection interface unit provides an interface from the NS1 reader to a PC for programming and monitoring utilizing the NS1 Manage software. The connection unit makes installation easy by providing an interface for NS1 communication, door lock (2 A @ 30 VDC relay), door status contact and REX. Communication is RS232 from PC to NS1CU with a standard DB9 connection. Dimensions: 3.88" H x 4.63" W x 1.75" D (98 mm H x 118 mm W x 45 mm D). Power requirements: 12 VDC @ 400 mA.



NS1 KITS

NS1K1

Single Door Starter Kit with RS485 Interface – 10 Cards

Single Door Starter Kit with RS485 Expansion up to 8 Doors includes NS1 Single Door Controller with HID reader, 100 ft. USB Extender, 12 VDC, 4 A Power Supply, HP40OULM Battery Backup, 200 ft. Power Cable, PC Software, RS485 Communications Interface and 10 Pack Proximity Cards.



NS1K2

S1 Single Door Starter Kit with RS485 Interface - 10 Tags

Single Door Starter Kit with RS485 Expansion up to 8 Doors includes NS1 Single Door Controller with HID reader, 100 ft. USB Extender, 12 VDC, 4 A Power Supply, HP40OULM Battery Backup, 200 ft. Power Cable, PC Software, RS485 Communications Interface and 10 Pack Key Tags.



Power Supplies & Batteries Sold separately

Standalone Systems

NS1 KITS / NS1 ACCESSORIES



NS1K3

NS1 Single Door Add-On Kit

NS1 Single Door Controller Add-On to NS1K1 and NS1K2. Kit includes NS1 Single Door Controller, RS485 Communications Interface, 200 ft. Communications Cable and 200 ft. Power Cable.

NSI ACCESSORIES



NS1ANT

NS1 Remote Antenna

The NS1ANT remote antenna is developed for tamper-sensitive environments. The NS1 can be mounted inside the building and the antenna on the outside wall surface, the remote antenna is used to transfer the signal to the NS1. Max distance: 9.8' (3m). Dimensions: 4.65" H x 3.3" W x .75" D (118 mm H x 84 mm W x 19 mm D).



NS1MASTER

Master Programming Cards (Program, Add, Void and Lock)

Master Programming cards for programming basic system configuration, adding and deleting cards and performing the Night Lock function.



NS1RE

NS1 Read Range Extender

NS1 read range extender provides an additional read range up to 18". Power requirements: 12VDC @ 300mA. Dimensions: 10.95" H x 10.4" W x 1.46" D (27.8 cm H x 26.4 cm W x 3.7 cm D).



NS1SGM

NS1 Single Gang Mounting Adapter

The NS1SGM is used to mount the NS1 to a single gang electrical box (wall switch, US). Contains a black adapter to house the NS1, metal mounting bracket and screws.



NS1TOOL

NS1 Security Tool/Bezel Opener

NS1 security tool used to remove the bezel from the NS1.



NS1PS

NS1 Power Supply

NS1 power supply rated at 750 mA @ 12 VDC. Includes 4 AH battery backup, transformer and enclosure. Dimensions: 8.5" H x 7.5" W x 3.5" D (21.59 cm H x 19.05 cm W x 8.89 cm D).

Standalone Systems

ENTRYPROX

ENTRYPROX

EntryProx provides single-door proximity access control for up to 2,000 users. It is ideal for standalone installations, remote locations or when used in conjunction with an on-line system. EntryProx can easily be switched to Wiegand output mode and connected to any Honeywell or OEM controller. This standalone reader is compatible with all 26-bit HID proximity cards or keytags. It can also enroll most OEM or Corporate 1000 format cards and keytags up to 37-bit.

ENTRY-PROX

Standalone Proximity Controller

Dimensions: 5.25" H x 2.75" W x 1.38" D (13.33 cm H x 6.98 cm W x 3.49 cm D).
Power supply: 10-15 VDC, 150 mA @ 12 VDC.



ACCESSORIES

ENPROX-PRN

ENPROX Infrared Handheld Printer

IR handheld printer used for printing transactions from the EntryProx.



ENPROX-PP

ENPROX Handheld Printer Paper

Paper used with the handheld printer (ENPROX-PRN).



ENPROX-ST

ENPROX Security Tool





Badging Systems

Offer a complete access control system using photo identification badges. Photo IDs provide additional security for your facility by allowing other employees to visually validate the cardholder. 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
- Add-on Kits
- Supplies
- Card Accessories

Badging Systems

RIO 2e™/TANGO 2e™ PRINTERS

RIO 2e™ / TANGO 2e™ PRINTERS

Whether your badging needs demand production of hundreds of badges a day or just a few, the Rio 2e™ and Tango 2e™ printers provide a combination of ease of use and reliability to meet your demands. The Rio 2e printer provides simplex (one-sided) card printing while the Tango 2e provides duplex (two-sided) card printing and lamination. The built in HoloKote™ security watermark feature comes standard with both printers.

Features:

- Edge-to-edge printing
- 20 second print time (40 seconds for color duplex)
- LCD display
- 100 card hopper
- USB and parallel cables included
- 3-year warranty with loaner
- USB, Ethernet and parallel interfaces

M9006-749

Rio 2e Simplex PVC Color Badging Printer

Rio 2e photo ID badge printer for single side print applications. Weight: 15.8 lbs (7.2 kg). Dimensions: 9.15" H x 7.6" W x 14.55" D (23.25 cm H x 19.35 cm W x 36.95 cm D).

ALSO AVAILABLE:

M9006-751

Rio 2e Simplex PVC Color Badging Printer with Magnetic Stripe Encoder

M9006-745

Tango 2e Duplex PVC Color Badging Printer

Tango 2e photo ID badge printer for two-sided print applications. Weight: 18.3 lbs (8.3 kg). Dimensions: 9.15" H x 7.6" W x 18.58" D (23.25 cm H x 19.35 cm W x 47.11cm D).

M9006-747

Tango 2e Duplex PVC Color Badging Printer with Magnetic Stripe Encoder

Tango 2e 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. Weight: 18.3 lbs (8.3 kg). Dimensions: 9.15" H x 7.6" W x 18.58" D (23.25 cm H x 19.35 cm W x 47.11cm D).

M9007-125E

Tango +L Duplex Printer with Built-In Laminator

The Tango +L is a duplex printer that provides additional laminate protection to the card surface. The single unit design allows simple configuration. 113 V operation. Weight: 44 lbs (20 kg). Dimensions: 10" H x 12" W x 27.5" D (26 cm H x 30 cm W x 70 cm D).



See matrix charts for printer supplies and legacy part number cross reference on pages 84 and 89.

Badging Systems

RIO 2e™/TANGO 2e™ PRINTERS

M9007-257E**Tango +L Duplex Printer with Built in Laminator and Chip Encoder**

The Tango +L is a duplex printer with smart chip encoder that provides additional laminate protection to the card surface and is approved for FIPS 201 applications. The single unit design allows simple configuration. 115 V operation. Weight: 44 lbs (20 kg). Dimensions: 10" H x 12" W x 27.5" D (26 cm H x 30 cm W x 70 cm D).

RIO 2e/TANGO 2e ADD-ON BADGING KITS

**PB35KT****Rio 2e Add-On Simplex Badging Kit**

Photo ID badging kit. Includes Rio 2e simplex badging printer (M9006-749), color ribbon, camera, tripod, lighting kit and 25 blank cards. Video capture card required for NStar, WIN-PAK 2.0 and WIN-PAK PRO systems (PBVC15). No video capture card is required when used with WIN-PAK SE, WIN-PAK PE, WIN-PAK 2005 or WIN-PAK PRO 2005. Not intended for installation on a file server OS.

PB35MOKT**Rio 2e Add-On Simplex and Magnetic Stripe Badging Kit**

Photo ID badging kit. Includes Rio 2e simplex badging printer with magnetic stripe encoder (M9006-751), color ribbon, camera, tripod, lighting kit and 25 blank cards. Video capture card required for NStar, WIN-PAK 2.0 and WIN-PAK PRO systems (PBVC15). No video capture card is required when used with WIN-PAK SE, WIN-PAK PE, WIN-PAK 2005 or WIN-PAK PRO 2005. Not intended for installation on a file server OS.

PB35DOKT**Tango 2e Add-On Duplex Badging Kit**

Photo ID badging kit. Includes Tango 2e duplex badging printer (M9006-745), color ribbon, camera, tripod, lighting kit and 25 blank cards. Video capture card required for NStar, WIN-PAK 2.0 and WIN-PAK PRO systems (PBVC15). No video capture card is required when used with WIN-PAK SE, WIN-PAK PE, WIN-PAK 2005 or WIN-PAK PRO 2005. Not intended for installation on a file server OS.

PB35DMKT**Tango 2e Add-On Duplex and Magnetic Stripe Encoder Badging Kit**

Photo ID badging kit. Includes Tango 2e duplex badging printer with magnetic stripe encoder (M9006-747), color ribbon, camera, tripod, lighting kit and 25 blank cards. Video capture card required for NStar, WIN-PAK 2.0 and WIN-PAK PRO systems (PBVC15). No video capture card is required when used with WIN-PAK SE, WIN-PAK PE, WIN-PAK 2005 or WIN-PAK PRO 2005. Not intended for installation on a file server OS.

Badging Systems

PRIMA™ PRINTERS

PRIMA™ PRINTERS

The reverse-transfer Prima 2e is ideal for producing top quality, durable cards. The quality of the finished card is similar to that achieved by off-set litho printing, but with the advantage that every card can be different.

Features:

- Prints 30 seconds/side full color
- 300 card hopper
- 1000 – print YMCK ribbon
- 1000 – print retransfer film
- 3-year hot swap warranty (US & Canada)
- Interface: USB or Ethernet

PRIMA/100

Prima 2e Reverse Transfer Duplex PVC Color Badging Printer

Prima 2e reverse transfer, two sided photo ID badge printer. Color ribbon plus retransfer ribbon are used together. Weight: 48.5 lbs (22 kg). Dimensions: 15.0" H x 13.4" W x 13.4" D (28.1 cm H x 34.0 cm W x 34.00 cm D).

PRIMA/101

Prima 2e Reverse Transfer Duplex PVC Color Badging Printer with Magnetic Stripe Encoder

Prima 2e reverse transfer, two sided photo ID badge printer with magnetic stripe encoder. Color ribbon plus retransfer ribbon are used together. The magnetic stripe encoder is a dual corecivity magnetic stripe encoder. Weight: 48.5 lbs (22 kg). Dimensions: 15.0" H x 13.4" W x 13.4" D (28.1 cm H x 34.0 cm W x 34.00 cm D).

PRIMA/017

Prima Lamination Unit

PRIMA106R

Prima Contact Chip Controller Kit

PRIMA064R

Prima 2e Inline Single Side Lamination Unit for PRIMA/100 and PRIMA/101

Connecting the PRIMA064R unit to the Prima 2e is very easy. Simply attach the unit joining plate to the printer unit, position the PRIMA064R on the joining plate and plug in the communication cable.

Badging Systems | ALTO™ PRINTERS

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.

Features:

- Edge-to-edge printing
- 30 second print time
- USB cable included
- 3-year warranty with loaner



M9006-380

Alto Printer

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

M9006-381

Alto Printer with Magnetic Encoder

Alto photo ID badge printer for single side print and magnetic stripe encoding applications. The magnetic stripe encoder is high coercivity for track 1 and track 2 encoding only. Weight: 7 lbs (3.2 kg).
Dimensions: 7.8" H x 6.9" W x 8.3" D (20.0 cm H x 17.5 cm W x 21.1 cm D).

Badging Systems

SUPPLY MATRIX FOR ACTIVE PRINTERS

SUPPLIES			ACTIVE PRINTERS					
New P/N	Old P/N	Description	Rio 2e™	Tango 2e™	Alto™	Alto™ w/mag	Tango + L M9007125E	Prima Prima/100
			M9006-749 M9006-751	M9006-745 M9006-747	PBVP43 M9006-380	PBVP43MO M9006-381	M9007-275e	Prima/101 Prima/064R
M9005-751	PBVP35CR1	Ribbon for Rio/Rio 2/Tango/Tango 2 Series YMCKO 350 Print, One or Two Sided Color	✓	✓			✓	
M9005-753	PBVP35CR3	Resin Black Ribbon for Rio/Rio 2	✓	✓			✓	
M9005-756	PBVP35CR4	Composite Black with Overcoat for Rio/Rio 2	✓	✓			✓	
M9005-758	PBVP35CR2	Ribbon for Tango/Tango 2, YMCKOK, 300 Print, One Side Color/One Side Resin Black		✓			✓	
M9006-862		HoloKote™ Custom Logo Set Up and Key for Rio 2/Tango 2	✓	✓			✓	
M9006-863		HoloKote Custom Logo Set Up and Locking Key for Rio 2/Tango 2	✓	✓			✓	
M9006-865		HoloKote Key for Rio 2/Tango 2	✓	✓			✓	
N9005-761MED	PBVP35CKM	Cleaning Kit for Rio/Rio 2/Tango/Tango 2 Series Printers	✓	✓			✓	
M9007231R		.6 mil clear Patch Laminate Roll (255 patches per roll)						✓
CK1	PBVP43CK	Alto Cleaning Kit			✓	✓		
HK1	PBVP43HKS	HoloKote RFID Custom Key and Set Up			✓	✓		
PC1	PBVP43PC	50 PVC Blank Cards in Dispenser			✓	✓		
PC2	PBVP43MC	50 HiCo Blank Cards in Dispenser for Use with Monochrome Film				✓		
PC3	PBVP43HC	50 HoloPatch™ Cards in Dispenser for Use with Monochrome Film			✓	✓		
PC4	PBVP43MHC	50 HiCo HoloPatch Blank Cards in Dispenser for Use with Monochrome Film				✓		
PCF10	PBVP43SBCF	100 15mil Adhesive Back PVC Cards in Dispenser Plus 100 Print PF1 Cassette - YMCKO			✓	✓		
PCF6	PBVP43PCF	100 PVC Cards in Dispensers Plus 100 Print PF2 Cassette YMCKO			✓	✓		
PCF7	PBVP43MCF	100 HiCo Cards in Dispensers Plus 100 Print PF2 Cassette YMCKO				✓		
PCF8	PBVP43HCF	100 HoloPatch Cards in Dispensers Plus 100 Print PF2 Cassette YMCKO			✓	✓		
PCF9	PBVP43HMCF	100 HiCo HoloPatch Cards in Dispensers Plus 100 Print PF2 Cassette YMCKO				✓		
PCX	PBVP43ED	Alto Ready-to-Fill Card Dispenser			✓	✓		
PCX-PF2	PBVP43EDF	Alto YMCKO Color Ribbon and 2 Ready-to-Fill Card Dispensers			✓	✓		
PF3	PBVP43RBF	500 Print Black Resin Cassette Dye Film			✓	✓		
Prima/007		Retransfer Ribbon for Prima Series, 1,000 Prints						✓
Prima/005		Cleaning Kit for Prima 2e Printers						✓
M9007-232/R		6 mil Clear Patch Laminate with Smart Chip Cut Out Roll (255 patches per roll)					✓	
Prima/111		Ribbon for Prima Series, YMCK, 1000 Prints One Side Color and One Side Resin Black						✓
Prima/112		Ribbon for Prima Series, YMCK, 750 Prints One Side Color and One Side Resin Black						✓
Prima/066		0.5 mil Clear Patch Laminate for Prima Series, 550 patches						✓

Badging Systems

RIO 2e™/TANGO 2e™ SUPPLIES



M9005-751

Ribbon, Simplex or Duplex Print for Rio/Rio 2e and Tango-/Tango 2e/Tango +L Printers

Provides 300 simplex or 175 duplex prints. Color ribbon for Rio/Rio 2e and Tango/Tango 2e/Tango +L printers. Provides full color with resin black and overcoat (YMCKOK). Resin black provides carbon content for infrared bar code readers and crisp black for text.



M9005-758

One-Side Color/One-Side Resin Black for Tango/Tango 2e/Tango +L Printers

Provides 300 duplex prints. Color ribbon for Tango/Tango 2e/Tango +L 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.



M9005-753

Resin Black Ribbon for Rio/Rio 2e and Tango/Tango 2e/Tango +L Printers

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



M9005-756

Resin Black with Overcoat for Rio/Rio 2e and Tango/Tango 2e/Tango +L Printers

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



N9005-761MED

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

Cleaning kit for Rio/Rio 2e and Tango/Tango 2e printers. Contains ten cleaning cards, two cleaning pens and three cleaning rollers. Cleaning should be performed between each ribbon replacement or 300 prints for Tango +L. Under typical conditions one N9005-761MED should be ordered for every ten ribbons ordered.

PRIMA/007

Prima 2e Retransfer Ribbon

Retransfer ribbon provides for up to 1,000 prints (500 two sided cards). Use with Prima 2e series printers.

PRIMA/005

Cleaning Kit for Prima 2e Printers

Cleaning kit for Prima 2e printers consists of 10 pads and 10 cards. Suggested cleaning frequency is about once for every 300 cards printed.

PRIMA/111

Color Ribbon for the PRIMA 2e Printers

Provides 1,000 (500 two sided) color prints (YMCK). Use with Prima 2e series printer.

Badging Systems

RIO 2e/TANGO 2e ACCESSORIES

PRIMA/112

Color Ribbon for the PRIMA 2e Printers

Print up to 750 cards - one side full color print with resin black and second side with resin black only (YMCKK). Resin black provides carbon content for infrared bar code readers and crisp black for text. Use with Prima 2e series printer

PRIMA/066

Clear Patch Laminate

Provides 550 laminate patches, 0.5 mil thick for use with the PRIMA064R inline laminator.

M9006-862

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

HoloKote™ Custom Key™ for the Rio 2e or Tango 2e provides a removable key for higher security against unauthorized card production. Either USB or parallel printer port can be used for connection to the computer.

ALSO AVAILABLE:

M9006-863

HoloKote Custom Logo Set Up and Key with Locking Capability for Rio 2e/Tango 2e Printers

M9006-865

Duplicate HoloKote Key for Rio 2e/Tango 2e Printers

Duplicate HoloKote™ Custom Key™ only for the Rio 2e/Tango 2e. Requires that a M9006-862 has already been made.

M9007-231R

Ultra Shield for Tango +L, Sicura or UltraShield Laminators.

0.6 mil clear patch laminate roll-255 patches per roll.

M9007-230R

Ultra Shield for Tango +L, Sicura or UltraShield Laminators

1.0 mil clear patch laminate roll-255 patches per roll.

M9007-232R

Ultra Shield for Tango +L with Chip Cut Out

0.6 mil clear patch laminate roll with chip cut out. 255 patches.

M9006-735

Feed Hopper for Rio 2e/Tango 2e

M9006-736

Collector Hopper for Rio2e/Tango



Badging Systems | ALTO™ SUPPLIES / ACCESSORIES



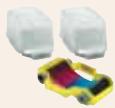
CK1
Alto™ Cleaning Kit

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.



PCX
Alto Ready-to-Fill Card Dispenser

Ready-to-fill card dispenser for technology cards for Alto printers.



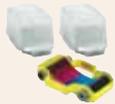
PCX-PF2
Alto Color Ribbon and 2 Ready-to-Fill Dispensers

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



PC3
50 HoloPatch™ Cards in Dispenser for use with Black Resin Film

50 HoloPatch cards in dispenser for use with black resin film (PF3).



PCF8
100 HoloPatch Cards in Dispensers with Color Print Cassette

100 print color YMCKO cassette for the Alto printer and two dispensers each with 50 HoloPatch cards.

ALSO AVAILABLE: PCF7
100 Magnetic Stripe Cards in Dispensers with Color Print Cassette

100 print color YMCKO cassette for the Alto printer and two dispensers each with 50 high coercivity magnetic stripe cards.

PCF9
100 Magnetic Stripe HoloPatch Cards in Dispensers with Color Print Cassette

100 print color YMCKO cassette for the Alto printer and two dispensers each with 50 high coercivity magnetic stripe HoloPatch cards.

Badging Systems

ALTO™ SUPPLIES / ACCESSORIES

PC4**50 Magnetic Stripe HoloPatch™ Blank Cards in Dispenser for Use with Black Resin Film**

50 high coercivity magnetic stripe HoloPatch blank cards in dispenser for use with black resin film (PF3)

**PC1****50 PVC Blank Cards in Dispenser**

50 blank cards in dispenser for use with black resin film (PF3).

**PCF6****100 PVC Cards in Dispensers with Color Print Cassette**

100 print color YMCKO cassette and two dispensers each with 50 blank cards.

**PF3****Monochrome Cassette Dye Film**

500 print black resin cassette dye film.

**PC2****50 Blank Cards with Magnetic Stripe in Dispenser**

50 high coercivity magnetic stripe blank cards in dispenser for use with monochrome film (PF3).

**PCF10****100 Stickyback Cards in Dispensers with Color Print Cassette**

100 15 mil adhesive back PVC cards in dispensers plus 100 print color YMCKO cassette.

**HK1****HoloKote RFID Custom Key & Set Up for Alto Printers**

HoloKote Custom Key for Alto printers provides a removable key for higher security against unauthorized card production. The key is programmed with custom text only.

Badging Systems

SUPPLY MATRIX FOR LEGACY PRINTERS

SUPPLIES			LEGACY PRINTERS				
New P/N	Old P/N	Description	Rio	Tango	Turbo	Turbo	UltraShield
			M9005-724 PBVP35 M9005-725 PBVP35MO	M9005-776 PBVP35DO M9005-777 PBVP35DM	PB-VP-17 M-300 PB-VP-8	PB-VP-17-DO	PBVP-8-LAM
M3610-037	PB-VP8S	Color Ribbon with Resin Black for PB-VP-8 or PB-VP-17 Series, YMCKO 250 Print			✓	✓	
M9002-819	PB-VP8S-CLR	PB-VP-8 Sticky Cleaning Roller			✓	✓	
M9003-189	PBVP8S3	Ultra Resin Black Only Ribbon 600 Print			✓	✓	
M9003-215	PBVP8S2	Ribbon for PBVP-17-Dx Series YMCKOK 200 Print, One Side Color / One Side Resin Black				✓	
M9004-371	PBVP-8-LAM-RIB	Ultra Shield for PBVP35LAM or PBVP-8-LAM					✓
M9005-751	PBVP35CR1	Ribbon for Rio/Rio 2e/Tango/Tango 2e Series YMCKO 350 Print, One or Two Sided Color	✓	✓			
M9005-753	PBVP35CR3	Resin Black Ribbon for Rio/Rio 2e	✓	✓			
M9005-756	PBVP35CR4	Composite Black with Overcoat for Rio/Rio 2e	✓	✓			
M9005-758	PBVP35CR2	Ribbon for Tango/Tango 2e, YMCKOK 300 Print One Side Color / One Side Resin Black		✓			
M9005-762	PBVP35HKL	HoloKote Custom Logo Set Up and Key for PBVP35 Series (Rio / Tango)	✓	✓			
M9005-763	PBVP35HKO	HoloKote Key for PBVP35 (Rio / Tango)	✓	✓			
N9005-761MED	PBVP35CKM	Cleaning Kit for Rio/Rio 2e/Tango/Tango 2e Series Printers	✓	✓			
N9003564L	PB-VP-8-CLEAN-K	Cleaning Kit for Turbo and M-300			✓	✓	

Badging Systems

SUPPLIES FOR LEGACY PRINTERS

M3610-037

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.



M9003-215

Ribbon for Turbo Duplex Printers, One Side Color/One Side Resin Black

Color YMCKOK ribbon for the Turbo Flip and Sprinter Flip printers. Prints one side color and the other side resin black. 200 prints per roll.



M9003-189

Resin Black Only Ribbon

Resin black only ribbon for the Turbo and M-300 printers. 600 prints.



M9002-819

Sticky Cleaning Roller

Sticky cleaning roller for the Turbo and M-300 printers.



N9003564L

Cleaning Kit for M-300 & Turbo Printers

Cleaning kit for M-300 and Turbo printers. Includes 100 cleaning cards and 6 cleaning pens.

M9005-762

HoloKote Custom Logo Set Up & Key for Rio/Tango Printers

HoloKote Custom Key for the Rio/Tango printers that 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 the printer. Either USB or parallel printer port can be used for connection to the computer



ALSO AVAILABLE:

M9005-763

Duplicate HoloKote Key for Rio/Tango Printers

Duplicate HoloKote Custom Key only for the Rio/Tango Printers. Requires that a M9005-762 has already been made.

PBAITCR1

Printer Ribbon for Datacard Magna Series Printers

Four-color platinum series YMCKT ribbon with topcoat for use with Magna series printers starting with the serial number "Bxxxxxx." For single or two-sided full color printing.



ALSO AVAILABLE:

PBAITCR2

Printer Ribbon for Datacard Magna Series Printers

Same as above, YMCKT with K panel. One side color print / other side resin black.

Badging Systems | BADGING COMPONENTS



PBCAM14
Photo ID Badging Camera

Badging camera kit includes camera, power supply, wired remote control and lighting kit mounting adapter. Camera features auto focus, 16x optical (128 digital) zoom, S-video and composite video output, USB 1.1 (USB 2.0 compliant), active pixels NTSC 768 X 494, USB resolution at 15 fps, 640 x 480 res. Power supply is 120 V plug in with 12 VDC output. Dimensions: 2.35" H x 2.28" W x 3.90" D (5.98 cm H x 5.80 cm W x 9.90 cm D).



PBLK3
Single Point Lighting Kit

Single point lighting kit for the PBCAM14, PBCAM12 or PBCAM-10 cameras. Light brilliance is controlled by slide dimmer and "barn doors." Tilts for angle adjustment. Tempered glass safety shield. 100 W quartz lamp included. Replacement bulb is the PBLK3BLB. Dimensions: 2.75" H x 2.75" W x 4.25" D (6.99 cm H x 6.99 cm W x 10.8 cm D).



LWVMSSIG
Topaz SigLight LCD Signature Capture Pad

USB signature capture pad used to capture visitor signatures during registration. Dimensions: 3" H x 6" W x 1" D (7.62 cm H x 15.24 cm W x 2.54 cm D). Note: For use with WIN PAK SE, WIN PAK PE.



PB-SIG-CAP-STYL
Stylus Pen for Signature Capture Pad

Replacement stylus pen for the PB-SIG-CAP or PBSIGCAPLCD.



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" (144.78-53.34 cm).



PBVC16
Video Capture Card

Video capture card compatible with WIN-PAK 1.17, WIN-PAK 2.0 Release 4, WIN-PAK 2005, WIN-PAK SE, 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).

PBVC17
Video Capture Card

Same as the PBVC16 except it is a half height card for small form factor computers.

PBVC17
Half height version of the PBVC16



CBL-VB-CAM-2
12' Camera to Capture Card Cable

12' (3.65m) BNC Male – BNC Male RG59 video camera cable. For use with video capture card (PBVC15).

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 125 kHz proximity readers. The new OmniAssure™ family is a line of smart card readers that are the easiest to use in today's market. In addition to the above brands, Honeywell offers a wide selection of popular readers and credentials from other manufacturers such as HID, Precise Biometrics and Indala, to name a few.

Benefits:

- Unprecedented choice in the type, shape, size and color for readers.
- Comprehensive offering of 125 kHz proximity, magnetic stripe and keypad readers provides an economical access control solution for retrofits, expansions and new installations.
- Availability of newer technologies such as 13.56 MHz 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.



Readers & Credentials

OMNIPROX™ PROXIMITY READERS

OMNIPROX™ PROXIMITY READERS

The OmniProx™ family is a complete line of 125 kHz 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" (7.62 cm) 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 (8.0 cm H x 4.0 cm W x 1.28 cm 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" (12.7 cm) 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 (14.5 cm H x 4.3 cm W x 2.0 cm D).

ALSO AVAILABLE:

OP30GENE

OmniProx Mullion Mount Reader with No Logo



3 colored bezels included

OAMAP30

OP30 Single Gang Adapter Plate – Set of 3

Set of 3 adapter plates (black, charcoal gray and ivory) for covering a U.S. gangbox prior to mounting a mullion reader. The adapter plate is compatible with all OP30 models. Use to retrofit existing HID MiniProx readers.



Readers & Credentials | OMNIPROX PROXIMITY READERS



3 colored bezels included



OP40HONE

OmniProx Wall Mount Reader with Honeywell Logo

U.S. gangbox, HID compatible reader with up to a 4" (10.16 cm) 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 (11.0 cm H x 7.5 cm W x 1.5 cm D).

ALSO AVAILABLE:

OP40GENE

OmniProx Wall Mount Reader with No Logo

OP90HONE

OmniProx Vandal Resistant Mount Reader with Honeywell Logo

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

OMNIPROX KITS



OP30RTEWH

OmniProx Mullion Mount Reader and PIR Kit

Includes an OmniProx mullion mount reader (OP30HONE) and a white PIR (IS310WH). 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 .79" D (14.5 cm H x 4.3 cm W x 2.0 cm D).

ALSO AVAILABLE:

OP30RTEBK

OmniProx Mullion Mount Reader and PIR Kit

Includes an OmniProx reader (OP30HONE) and a black PIR (IS310BK).



OP40RTEWH

OmniProx Wall Mount Reader and PIR Kit

Includes an OmniProx wall mount reader (OP40HONE) and a white PIR (IS310WH). Single gangbox, HID compatible reader with up to a 4" (10.16 cm) 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 .59" D (11.0 cm H x 7.5cm W x 1.5 cm D).

ALSO AVAILABLE:

OP40RTEBK

OmniProx Wall Mount Reader and PIR Kit

Includes an OmniProx reader (OP40HONE) and a black PIR (IS310BK).

Readers & Credentials

HID PROXIMITY READERS

HID PROXIMITY READERS

The HID 125 kHz 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 125 kHz proximity readers include models with or without keypads as well as glass-mount options. HID 125 kHz proximity cards are available in both standard and custom configurations to address application needs.

HU/5365EGP00 (formerly PR-MINI-PROX)

HID MiniProx Reader, Charcoal Gray

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

ALSO AVAILABLE:

HU/5365EBP00 (formerly PR-MINI-PROX-B)

HID MiniProx Reader, Beige

HU/5365EGT00 (formerly PR-MINI-PROX-T)

HID MiniProx with Terminal Strip, Charcoal Gray

HU/6005BKB00 (formerly PRPNTPLBK)

HID ProxPoint Plus Reader, Black

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

ALSO AVAILABLE:

HU/6005BGB00 (formerly PRPNTPLCG)

HID ProxPoint Plus Reader, Charcoal Gray

HU/6005BBB00 (formerly PRPNTPLBG)

HID ProxPoint Plus Reader, Beige

HU/6005BWB00 (formerly PRPNTPLWH)

HID ProxPoint Plus Reader, White



Readers & Credentials | HID PROXIMITY READERS



HU/5355AGN00 (formerly PR-P-PRO)

HID ProxPro Reader, Charcoal Gray

Exterior or interior proximity reader with up to an 8" (20.3 cm) read range. Requires 12 VDC power supply (HPS123). Dimensions: 5" H x 5" W x 1" D (12.7 cm H x 12.7 cm W x 2.54 cm D).

ALSO AVAILABLE:

HU/5355ABN00 (formerly PR-P-PRO/BEIGE)

HID ProxPro Reader, Beige



HU/5455BGN00 (formerly PRPROII)

HID ProxPro II Reader, Charcoal Gray

Exterior or interior proximity reader with up to an 8" (20.3 cm) read range. Requires 12 VDC power supply (HPS123). Dimensions: 5" H x 5" W x 1" D (12.7 cm H x 12.7 cm W x 2.54 cm D).



HU/5355AGK00 (formerly PR-PROXPRO-K)

HID ProxPro Reader with Keypad, Charcoal Gray

Exterior or interior keypad/proximity reader with up to an 8" (20.3 cm) read range. For use with NS2, NS2+, PRO2200 and PTDEK control panels. Requires 12 VDC power supply (HPS123). Dimensions: 5" H x 5" W x 1" D (12.7 cm H x 12.7 cm W x 2.54 cm D).



PR-PROXPRO-K2

HID ProxPro Reader with Keypad, Charcoal Gray

Exterior or interior keypad/proximity reader with up to an 8" (20.3 cm) read range. For use with the N-1000-II, N-1000-III and N-1000-IV control panels only. Requires 12 VDC power supply (HPS123). Dimensions: 5" H x 5" W x 1" D (12.7 cm H x 12.7 cm W x 2.54 cm D).



HU/5395CK100 (formerly PR-THIN)

HID ThinLine II Switch Plate Reader, Black

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

ALSO AVAILABLE:

HU/5395CW100 (formerly PR-THIN/WHITE)

HID ThinLine II Switch Plate Reader, White

HU/5395CB100 (formerly PR-THIN-B)

HID ThinLine II Switch Plate Reader, Beige

HU/5395CG100 (formerly PR-THIN-C)

HID ThinLine II Switch Plate Reader, Charcoal Gray

Readers & Credentials

HID PROXIMITY READERS

HU/5375AGN00 (formerly PR-MAX-PRO)

HID Maxi-Prox Reader, Charcoal Gray

Exterior or interior proximity reader with up to a 22" (55.9 cm) read range. Requires 12-24 VDC linear power supply (HPS123). Dimensions: 12" H x 12" W x 1" D (30.48 cm H x 30.48 cm W x 2.54 cm D).



HU/5385AGB00 (formerly NC-862814)

MultiProx Reader – Back Connect, Charcoal Gray

The MultiProx reader reads the HID or Schlage proximity card. The reader is a direct replacement for the Schlage 2700 or 2800 series sensor. Exterior or interior proximity reader with a read range up to 3" (7.6 cm). Dimensions: 7.5" H x 7.5" W x .8" D (19 cm H x 19 cm W x 2 cm D). Power: 50 mA at 24 VDC powered by the controller.



HU/5385AGS00 (formerly NC-862815)

MultiProx Reader – Side Connect

The MultiProx reader reads the HID or Schlage proximity card. The reader is a direct replacement for the Schlage 2700 or 2800 series sensor. Exterior or interior proximity reader with a read range up to 3" (7.62 cm). Dimensions: 7.5" H x 7.5" W x .8" D (19 cm H x 19 cm W x 2cm D). Power: 50 mA at 24 VDC powered by the controller.



HU/6020ANN00 (formerly NC-86774)

HID MultiProx HSM

The MultiProx HSM replaces the Schlage MSM, which contains four inputs and four dry contacts. Dimensions: 4.5" H x 4.5" W x 2.3" D (11.4 cm H x 11.4 cm W x 5.8 cm D).



HU/6000BNN00 (formerly NC-86808)

MultiProx Controller

The MultiProx controller replaces the Schlage 708 or 808 series reader controller. Dimensions: 10.4" H x 18" W x 2.7" D (26.4 cm H x 46 cm W x 6.8 cm D). Power: 2.0A at 24 VDC. Temperature: 0° to 122° F (-20° to 50° C).



Readers & Credentials

PROXIMITY CARD QUICK REFERENCE

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, Plain White
PX-26-H-PW-SPEC	✓		1326		✓			Special Order Card, Plain 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. Additional cost for cards.
3. Lead times vary. Check with your sales representative to confirm.
4. A minimum order of 100 is required on all special cards, except Indala PVC cards which require a minimum of 500.
5. Wiegand special order cards vary approximately 5% over or under when ordered.

Readers & Credentials

HID PROXIMITY CREDENTIALS

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)

PX-ISOPROX

HID ISOProx PVC Access Control Card (26-Bit)

HID artwork.

PVCH4NP

Non-Programmed HID PVC Card

HID PVC proximity card non-programmed.



PVC-H-5

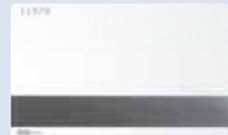
HID PVC Prox Card (34-Bit) with Magnetic Stripe (Not Encoded)

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)



PVCH5NP

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

PVC-H-6

HID DUOPROX (34-Bit) 2 Sided Glossy with Magnetic Stripe

RF programmable card offers proximity, magnetic stripe and photo identification technologies on a single access control card. 34-bit, two sided, glossy printable surface. Made of a thin, flexible polyvinyl chloride (PVC) laminate with an ABA standard, high coercivity magnetic stripe rated 4000 Oersted. Dimensions: 2.125" H x 3.375" W x 0.031" T (5.4 cm H x 8.57 cm W x 0.079 cm T).

Readers & Credentials | HID PROXIMITY CREDENTIALS



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 (5.398 cm H x 8.573 cm W x .178 cm 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.

PX-PROXCARDII

HID ProxCard II Card (26-Bit)



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 (4.75 cm H x 2.350 cm W x 1 cm T).

ALSO AVAILABLE:

PX-KEY-H-26

HID Proximity Card Key Fob (26-Bit)



PROX-PASS

HID Active Automobile Tag, 6-8' Read Range (34-Bit)

HID active automobile tag (34-bit). Works in conjunction with the PR-MAX-PRO.
 Read range: 6-8'. Dimensions: 2.625" H x 3.625" W x .30" T
 (6.75 cm H x 9.25 cm W x .76 cm T).

ALSO AVAILABLE:

PROX-PASS26

Automobile Active Tag (26-Bit)

Readers & Credentials

INDALA PROXIMITY READERS

INDALA PROXIMITY READERS

Indala's line of 125 kHz readers combines intelligent programming technology with interchangeable components including uniform modules and a range of stylish cover designs. Indala readers are UL rated for indoor and outdoor applications and feature Wiegand output wiring. Indala readers are compatible with Indala credentials.

FP503BG

Indala FlexPass Linear Slim, Beige

FlexPass Linear style slim mount proximity reader. Up to 4" (10 cm) read range. Single stage, low profile door frame mullion mount, interior or exterior reader. Contains red/green LED indicator. Requires 4-16 VDC linear power supply. Maximum current: 88 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 5.5" H x 1.65" W x 0.75" D (14 cm H x 4.2 cm W x 1.9 cm D).

ALSO AVAILABLE:

FP503BK

Indala FlexPass Linear Slim, Black

FP505BG

Indala FlexPass Linear Wall, Beige

FlexPass Linear style wall switch mount proximity reader. Up to 4" (10 cm) read range. Single stage, interior or exterior reader mounts in a single gangbox or easy installation. Contains a red/green LED indicator. Requires 4-16 VDC linear power supply. Maximum current: 89 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 4.7" H x 3" W x .9" D (11.8 cm H x 7.6 cm W x 2.3 cm D).

ALSO AVAILABLE:

FP505BK

Indala FlexPass Linear Wall, Black

FP505WH

Indala FlexPass Linear Wall, White

FP603BG

Indala FlexPass Arch Slim, Beige

FlexPass Arch style slim proximity reader. Up to 5" (12.7 cm) read range. Single stage, interior or exterior reader mounts in a single gangbox for easy installation. Contains a red/green LED indicator. Requires 4-16 VDC linear power supply. Maximum current: 96 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 4.5" H x 1.72" W x 0.85" D (11.42 cm H x 4.37 cm W x 2.16 cm D).



Readers & Credentials

INDALA PROXIMITY READERS



ALSO AVAILABLE:

FP603BK

Indala FlexPass Arch Slim, Black

FP603GY

Indala FlexPass Arch Slim, Charcoal Gray

FP603WH

Indala FlexPass Arch Slim, White



FP605BG

Indala FlexPass Arch Wall, Beige

FlexPass Arch style wall switch proximity reader. Up to 5" (12.7 cm) read range. Single stage, low profile wall switch mount, interior or exterior reader. Contains red/green LED indicator.

Requires 4-16 VDC linear power supply. Maximum current: 96 mA @ 12 VDC, 100 mA @ 5 V DC.

Operating temperature range: -31° to 149° F (-35° to 65° C). Dimensions: 4.5" H x 2.99" W x

0.85" D (11.42 cm H x 7.59 cm W x 2.16 cm D).

ALSO AVAILABLE:

FP605BK

Indala FlexPass Arch Wall, Black

FP605GY

Indala FlexPass Arch Wall, Charcoal Gray

FP605WH

Indala FlexPass Arch Wall, White



FP610BG

Indala FlexPass Arch Mid-Range, Beige

FlexPass Arch style mid-range proximity reader. Up to 12" (30.5 cm) read range. Single stage, low profile wall mount, interior or exterior reader. Contains red/green LED indicator.

Requires 4-14 VDC linear power supply. Maximum current: 140 mA @ 12 VDC, 82 mA @ 5

VDC. Operating temperature range: -31° to 149° F (-35° to 65° C). Dimensions: 5.10" H x 6.10"

W x 1.00" D (12.95 cm H x 15.49 cm W x 2.54 cm D).

ALSO AVAILABLE:

FP610WH

Indala FlexPass Arch Mid-Range, White

FP610BK

Indala FlexPass Arch Mid-Range, Black

Readers & Credentials

INDALA PROXIMITY READERS

FP703BK

Indala FlexPass Curve Slim, Black

FlexPass Curve style slim proximity reader. Up to a 5" (12.7 cm) read range. Single stage, interior or exterior reader mounts in a single gangbox for easy installation. Contains a red/green LED indicator. Requires 4-16 VDC power supply. Maximum current: 96 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 4.5" H x 1.72" W x 1.1" D (12.1 cm H x 4.4 cm W x 2.8 cm D).



FP705BK

Indala FlexPass Curve Wall, Black

FlexPass Curve style wall switch proximity reader. Up to a 5" (12.7cm) read range. Single stage, low profile wall switch mount, interior or exterior reader. Contains red/green LED indicator. Requires 4-16VDC power supply. Maximum current: 96 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 4.75" H x 3.24" W x 1.1" D (12.1 cm H x 8.2 cm W x 2.8 cm D).



FP803BK

Indala FlexPass Wave Slim, Black

FlexPass Wave style slim proximity reader. Up to a 5" (12.7 cm) read range. Single stage, interior or exterior reader mounts in a single gangbox for easy installation. Contains a red/green LED indicator. Requires 4-16 VDC power supply. Maximum current: 96 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 4.5" H x 1.72" W x 1.1" D (12.1 cm H x 4.4 cm W x 2.8cm D).



ALSO AVAILABLE:

FP803MA

Indala FlexPass Wave Slim, Marine

FP805BK

Indala FlexPass Wave Wall, Black

FlexPass Wave style wall switch proximity reader. Up to a 5" (12.7 cm) read range. Single stage, low profile wall switch mount, interior or exterior reader. Contains red/green LED indicator. Requires 4-16 VDC linear power supply. Maximum current: 96 mA @ 12 VDC, 100 mA @ 5 VDC. Dimensions: 4.75" H x 3.24" W x 1.1" D (12.1 cm H x 8.2 cm W x 2.8 cm D).



ALSO AVAILABLE:

FP805MA

Indala FlexPass Wave Wall, Marine

Readers & Credentials | INDALA PROXIMITY READERS



FP810BK

Indala FlexPass Wave Mid-Range, Black

FlexPass Wave style mid-range proximity reader. Up to a 12" (30.5 cm) read range. Single stage, low profile wall mount, interior or exterior reader. Contains red/green LED indicator. Requires 4-14 VDC linear power supply. Maximum current: 140 mA @ 12 VDC, 82 mA @ 5 VDC. Dimensions: 5.6" H x 6.5" W x 1.5" D (14.2 cm H x 16.5cm W x 3.8 cm D).



ALSO AVAILABLE:

FP810MA

Indala FlexPass Wave Mid-Range, Marine

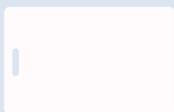


PR-ASR-620

Indala FlexPass Long Range, Black

Proximity card reader. Up to 28" (71 cm) read range using the FlexCard™ standard card. Single piece construction for easy installation. Reads bi-directionally. Weather resistant and field programmable. Requires 12-24 VDC linear power supply. Requires 12 VDC @1.0A nominal /1.2 A maximum or 24 VDC @ 750 mA nominal/900 mA maximum. Dimensions: 11.2" H x 11.2" W x 1.8" D (28.4 cm H x 28.4 cm W x 4.6 cm D).

INDALA PROXIMITY CREDENTIALS



PX-121-I

Indala Proximity Card with Hot Stamp (26-Bit)

Standard Indala proximity card for ASR series readers. Includes hole punch on short side and printed card number. Dimensions: 2.13" H x 3.38" W x .09" T (5.41 cm H x 8.585 cm W x .229 cm T).



PVC-I-5

Indala Imaging Proximity Card (26-Bit)

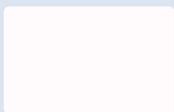
Indala PVC proximity card (26-bit) sequentially numbered with standard read range. Allows a video photo ID to be printed directly on the card surface. This card can be used with all PVC printers. Dimensions: 2.125" H x 3.375" W x .030" T (5.398 cm H x 8.573 cm W x .076 cm T).



PVC-I-6

Indala Imaging Proximity Card with Magnetic Stripe

Indala PVC proximity card sequentially numbered with magnetic stripe and standard read range. Allows a video photo ID to be printed directly on the card surface. This card can be used with all PVC printers. Dimensions: 2.125" H x 3.375" W x .030" T (5.398 cm H x 8.573 cm W x .076 cm T).



PVC-I-7

Indala Imaging Proximity Card, Printable on 2 Sides

Indala PVC proximity card sequentially numbered 2 side printable with standard read range. Allows a video photo ID to be printed directly on the card surface. This card can be used with all PVC printers. Dimensions: 2.125" H x 3.375" W x .030" T (5.398 cm H x 8.573 cm W x .076 cm T).



PX-115-I

Indala Proximity Key Tag with Hot Stamp (26-Bit)

Indala proximity key tag made of durable ABS plastic, designed to be carried on a key ring. Includes label with encoded number. Reader read ranges may be reduced by 50% when using the tag versus a card. Dimensions: 2.2" H x 1.3" W x .25" T (5.588 cm H x 3.302 cm W x .635 cm T).

Readers & Credentials

OMNIASSURE™ SMART CARD READERS

OMNIASSURE™ SMART CARD READERS

Honeywell's OmniAssure contactless smart card family is based on 13.56 MHz technology. The OmniAssure family eloquently combines compliance with convenience. Their U.S. patent-pending flash-on-card design makes OmniAssure readers the easiest to use in today's market. With flash-on-card, the reader's flash firmware can be easily updated to support changing government standards without removing the readers from the wall. The OmniAssure family has options to support FIPS 201 PIV II, TWIC, FRAC, DoD CAC, open standard ISO 14443 (Mifare®, DESFire® and SmartMX®), and 125 kHz HID® Prox cards.

OT30HONA

OmniAssure Mullion Reader, Silver, PIV II

Smart card mullion-style reader with a silver bezel and a terminal block connection. Default credential is PIV II. Reprogrammable for TWIC, FRAC, CAC, ISO14443 A/B, Mifare, DESFire, SmartMX credentials. Flash update capable via flash smart card. Output interfaces: Wiegand, clock & data, RS485/RS232/RS422. Requires 4.5-16 VDC linear power supply. Maximum current: 400 mA @ 5 VDC, 167 mA @ 12 VDC. Dimensions: 5.59" H x 1.81" W x .98" D (14.2 cm H x 4.62 cm W x 2.5 cm D). Operating temperature range: -4° to 140° F (-20° to 60° C).

ALSO AVAILABLE:

OT30SPEC

OmniAssure Mullion Reader, Silver, Special Order Configuration

Custom reader configuration and card credential.



OT31HONA

OmniAssure Mullion Reader, Silver, PIV II + 125 kHz HID Prox

Smart card mullion-style reader with a silver bezel and a terminal block connection. Default credentials are PIV II and 125 kHz HID proximity cards. Reprogrammable for TWIC, FRAC, CAC, ISO14443 A/B, Mifare, DESFire, SmartMX credentials. Flash update capable via flash smart card.

Output interfaces: Wiegand, clock & data, RS485/RS232/RS422. Requires 4.5-16 VDC linear power supply. Maximum current: 400 mA @ 5 VDC, 167 mA @ 12 VDC.

Dimensions: 5.59" H x 1.81" W x .98" D (14.2 cm H x 4.62 cm W x 2.5 cm D).

Operating temperature range: -4° to 140° F (-20° to 60° C).



Readers & Credentials | OMNIASSURE™ SMART CARD READERS



ALSO AVAILABLE:

OT31HONAS

OmniAssure Mullion Reader, Silver, Card Serial Number Only + 125 kHz HID Prox

Default credentials are Mifare, DESFire, ISO14443 A/B and 125 kHz HID proximity cards. Reprogrammable for PIV II, TWIC, FRAC, CAC, SmartMX credentials.

OT31SPEC

OmniAssure Mullion Reader, Silver, Special Order Configuration + 125 kHz HID Prox

Custom reader configuration and card credential.

T35HONA

OmniAssure Mullion Reader with Keypad, Silver, PIV II

Smart card mullion-style keypad/proximity reader with a silver bezel and a terminal block connection. Default credential is PIV II. Reprogrammable for TWIC, FRAC, CAC, ISO14443 A/B, Mifare, DESFire, SmartMX credentials. Flash update capable via flash smart card. Output interfaces: Wiegand, clock & data, RS485/RS232/RS422. Requires 4.5-16 VDC linear power supply.

Maximum current: 400 mA @ 5 VDC, 167 mA @ 12 VDC. Dimensions: 5.59" H x 1.81" W x .98" D (14.2 cm H x 4.62 cm W x 2.5 cm D). Operating temperature range: -4° to 140° F (-20° to 60° C).

ALSO AVAILABLE:

OT35SPEC

OmniAssure Mullion Reader with Keypad, Silver, Special Order Configuration

Custom reader configuration and card credential.



OT36HONA

OmniAssure Mullion Reader with Keypad, Silver, PIV II +

Smart card mullion-style keypad/proximity reader with a silver bezel and a terminal block connection. Default credentials are PIV II and 125 kHz HID proximity cards. Reprogrammable for TWIC, FRAC, CAC, ISO14443 A/B, Mifare, DESFire, SmartMX credentials. Flash update capable via flash smart card. Output interfaces: Wiegand, clock & data, RS485/RS232/RS422. Requires 4.5-16 VDC linear power supply. Maximum current: 400 mA @ 5 VDC, 167 mA @ 12 VDC. Dimensions: 5.59" H x 1.81" W x .98" D (14.2 cm H x 4.62 cm W x 2.5 cm D). Operating temperature range: -4° to 140° F (-20° to 60° C).

ALSO AVAILABLE:

OT36HONAS

OmniAssure Mullion Reader with Keypad, Silver, Card Serial Number Only + 125 kHz HID Prox

Default credentials are Mifare, DESFire, ISO14443 A/B and 125 kHz HID proximity cards. Reprogrammable for PIV II, TWIC, FRAC, CAC, SmartMX credentials.

OT36SPEC

OmniAssure Mullion Reader with Keypad, Silver, Special Order Configuration + 125 kHz HID Prox

Custom reader configuration and card credential.

Readers & Credentials

OMNIASSURE™ SMART CARD READERS

OT70HONA

OmniAssure Mullion Fingerprint Reader, Silver, DESFire Serial Number Only

Smart card mullion-style fingerprint/proximity reader with a silver bezel and a terminal block connection. It is a dual factor reader that verifies the live fingerprint against the template stored in a smart card. Default credential is DESFire. Reprogrammable for ISO14443 A/B, Mifare, SmartMX credentials. Flash update capable via PC connection. Output interfaces: Wiegand, clock & data, RS485/RS232/RS422. Requires 8-24 VDC linear power supply. Maximum current: 417 mA @ 12 VDC, 208 mA @ 24 VDC. Dimensions: 7.58" H x 1.99" W x 1.69" D (19.25 cm H x 5.05 cm W x 4.3 cm D). Operating temperature range: 32° to 140° F (0° to 60° C).

ALSO AVAILABLE:

OT70HONAS

OmniAssure Mullion Fingerprint Reader, Silver, Mifare Serial Number Only

Default credential is Mifare. Reprogrammable for ISO14443 A/B, DESFire, SmartMX credentials



OT70SPEC

OmniAssure Mullion Fingerprint Reader, Silver, Special Order Configuration

Custom reader configuration and card credential.

OT75HONA

OmniAssure Mullion Fingerprint Reader with Keypad, Silver, DESFire Serial Number Only

Smart card mullion-style fingerprint/keypad/proximity reader with a silver bezel and a terminal block connection. It is a dual factor reader that verifies the live fingerprint against the template stored in a smart card. Default credential is DESFire. Reprogrammable for ISO14443 A/B, Mifare, SmartMX credentials. Flash update capable via PC connection. Output interfaces: Wiegand, clock & data, RS485/RS232/RS422. Requires 8-24 VDC linear power supply. Maximum current: 417 mA @ 12 VDC, 208 mA @ 24 VDC. Dimensions: 7.58" H x 1.99" W x 1.69" D (19.25 cm H x 5.05 cm W x 4.3 cm D). Operating temperature range: 32° to 140° F (0° to 60° C).

ALSO AVAILABLE:

OT75HONAS

OmniAssure Mullion Fingerprint Reader with Keypad, Silver, Mifare Serial Number Only

Default credential is Mifare. Reprogrammable for ISO14443 A/B, DESFire, SmartMX credentials.

OT75SPEC

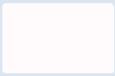
OmniAssure Mullion Fingerprint Reader with Keypad, Silver, Special Order Configuration

Custom reader configuration and card credential.



Readers & Credentials

OMNIASSURE™ SMART CREDENTIALS



OXAPP00

Application Card for OmniAssure Readers

Un-programmed SmartMX card used for programming applications on the OmniAssure readers.



ODP4N00

PVC DESFire Card

Un-programmed DESFire card. This card has a 56-bit unique serial number and 4K of memory. Printable white glossy finish card on both sides.

ALSO AVAILABLE:

ODP4M00

PVC DESFire Card with Magnetic Stripe



OFP1N00

PVC Mifare 1K Card

Un-programmed Mifare 1K card. This card has a 32-bit unique serial number and 1K of memory. Printable white glossy finish card on both sides.

ALSO AVAILABLE:

OFP1M00

PVC Mifare 1K Card with Magnetic Stripe

Un-programmed Mifare 1K card with an un-encoded magnetic stripe. This card has a 32-bit unique serial number and 1K of memory. Printable white glossy finish card on both sides.



OFP4N00

PVC Mifare 4K Card

Un-programmed Mifare 4K card. This card has a 32-bit unique serial number and 4K of memory. Printable white glossy finish card on both sides.

ALSO AVAILABLE:

OFP4M00

PVC Mifare 4K Card with Magnetic Stripe



OFP1N0026

Dual Tech PVC Mifare 1K Card and HID Prox

Un-programmed Mifare 1K and programmed 26-bit HID proximity card. This card has a 32-bit unique serial number and 4K of memory. Printable white glossy finish card on both sides.

ALSO AVAILABLE:

OFP1M0026

Dual Tech PVC Mifare 1K Card with Magnetic Stripe and HID Prox



OFP4N0026

Dual Tech PVC Mifare 4K Card and HID Prox

Un-programmed Mifare 4K and programmed 26-bit HID proximity card. This card has a 32-bit unique serial number and 4K of memory. Printable white glossy finish card on both sides.

OFP4M0026

Dual Tech PVC Mifare 4K Card with Magnetic Stripe and HID Prox

Un-programmed Mifare 4K with an un-encoded magnetic stripe and programmed 26-bit HID proximity card. This card has a 32-bit unique serial number and 4K of memory. Printable white glossy finish card on both sides.

Readers & Credentials

OMNIASSURE™ ACCESSORIES

IEMOUNT

Single Gang Reader Mounting Kit

Single gangbox mounting kit for all OmniAssure OT30, OT31, OT35, and OT36 models. Makes overall reader dimensions 5.59" x 2.87" x 1.1" (14.2 cm x 7.32 cm x 2.8 cm).

ALSO AVAILABLE:

IEMOUNT2

Single Gang Reader Mounting Kit

Single gangbox mounting kit for all OmniAssure OT70 and OT75 models. Makes overall reader dimensions 8.58" x 2.99" x 2.05" (21.8 cm x 7.6 cm x 5.2 cm).

IETAMPER

Tamper Switch Accessory for OmniAssure readers



Readers & Credentials

OMNICLASS™ SMART CARD READERS

OMNICLASS™

Honeywell's OmniClass™ contactless smart card family is based on 13.56 MHz technology. The OmniClass family's encryption provides more security than standard 125 kHz proximity. The OmniClass readers support ISO14443A, 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" (7.6 cm) read range. Requires 10-16 VDC linear power supply. Current requirements: 65 mA average, 225 mA peak. Dimensions: 4.04" H x 1.90" W x .80" D (10.26 cm H x 4.83 cm W x 2.03 cm D).



OM40BHONA

OmniClass US Gang Reader, Black

Black-colored, Honeywell OmniClass, US gangbox-style smart card reader with 18" pigtail wire connection and magnetic tamper. Compatible with OmniClass and iCLASS credentials. Up to 4.5" (11.4 cm) read range. Requires 10-16 VDC linear power supply. Current requirements: 80 mA average, 260 mA peak. Dimensions: 4.80" H x 3.30" W x .85" D (12.19 cm H x 8.38 cm W x 2.16 cm 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" (7.6 cm) read range. Requires 10-16 VDC linear power supply. Current requirements: 80 mA average, 260 mA peak. Dimensions: 3.30" H x 3.30" W x .75" D (8.38 cm H x 8.38 cm W x 1.91 cm D).



OM55BHONA

OmniClass Keypad Reader, Black

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

Readers & Credentials

OMNICLASS™ SMART CREDENTIALS

OKP0N34

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

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

ALSO AVAILABLE:

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.

ALSO AVAILABLE:

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.

ALSO AVAILABLE:

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 125 kHz 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 125 kHz HID proximity chip of the same Wiegand format.

ALSO AVAILABLE:

OKH2N26

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

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



Readers & Credentials | OMNICLASS™ SMART CREDENTIALS



OKH2M34

OmniClass 16K PVC 125 kHz 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 125 kHz HID prox chip of the same Wiegand format and a user-programmable magnetic stripe.

ALSO AVAILABLE:

OKH2M26

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

OmniClass 16K PVC smart card. 26-bit Wiegand format. This card also includes a 125 kHz 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.

ALSO AVAILABLE:

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.

ALSO AVAILABLE:

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. Additional cost for cards.
3. Lead times vary. Check with your sales representative to confirm.
4. A minimum order of 100 is required on all special cards, except Motorola PVC cards which require a minimum of 500.
5. Wiegand special order cards vary approximately 5% over or under when ordered.

Readers & Credentials

BIOMETRICS – FINGERPRINT READERS

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.

BVVS MARTI

V-Smart™ with HID iClass 13.56 MHz Reader

V-Smart with HID iClass/OmniClass 13.56 MHz 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 (13 cm H x 11.8 cm W x 6.4 cm D).

ALSO AVAILABLE:

BVVS MART

V-Smart with Mifare 13.56 MHz Reader



BVVT ENC W

V-Smart Outdoor Enclosure with Window

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



BVVSTATNA

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 (14.3 cm H x 16.8 cm W x 6.7 cm D).



Readers & Credentials | BIOMETRICS – FINGERPRINT READERS



BVVSTATNAS

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.



BVVSTATNAP

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

A fingerprint biometric terminal for use with security and access control systems, V-Station includes LCD display, keypad and HID 125 kHz proximity reader. 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 (14.3 cm H x 16.8 cm W x 6.7 cm D).

ALSO AVAILABLE:

BVVSTATNAH

V-Station Base Model with LCD & HID iClass Reader

Includes LCD display, keypad and 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.

BVVSTATNAG

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.



BVVNENC

V-Station Outdoor Enclosure Only

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

ALSO AVAILABLE:

BVVNENCHT

V-Station Outdoor Enclosure with Heater

BVVNENCW

V-Station Outdoor Enclosure with Window

BVVNENCWHT

V-Station Outdoor Enclosure with Window and Heater

Readers & Credentials

BIOMETRICS – FINGERPRINT READERS

BVVPASSFX

V-Pass™ Fingerprint Only Reader, No Card Needed for Access, Up to 500 Templates

V-Pass biometric fingerprint only reader is a biometric reader for security and access control. The unit identifies the user from up to 500 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 (13 cm H x 5 cm W x 6.6 cm D).



BV-VPROX

V-Prox™ Fingerprint Reader w/HID Prox Reader, 4,000 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 4,000 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 (13 cm H x 5 cm W x 6.6 cm D).



BVVENC

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

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

ALSO AVAILABLE:

BVVENCHT

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

BVVENCW

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



BVVENCWHT

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

BVVSERIESCN

VeriSeries RS485 Interface

VeriSeries converter, RS232 to RS485.



BVVSERIESPWR

12 V Power Supply for VeriSeries Readers/220 VAC

Readers & Credentials

BIOMETRICS – HAND GEOMETRY READERS



HG-4

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 (29.6 cm H x 22.3 cm W x 21.7 cm D)

ALSO AVAILABLE:

HG4ICLASS

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.

HG4-PROX

HandKey Hand Geometry Reader with HID Proximity Reader

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



HG4-II

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.

HGEN200

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 RS485 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 RS485 Interface)

Up to 25 readers supported.

HGHNRUNL

Handnet for Windows[®], Unlimited Reader License (Includes RS485 Interface)

Unlimited number of readers supported.

Readers & Credentials

BIOMETRICS – HAND GEOMETRY READERS

HG4-EM801

Memory Expansion for HG-4 and HG4-II

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

ALSO AVAILABLE:

HG4-EM-800

Template Memory Upgrade for HG-4/HG4-II

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

HG4-EM-803

Template Memory Upgrade for HG-4/HG4-II

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



HG4ENC1

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 (58.5 cm H x 35.6 cm W x 29.3 cm D).

HGDC103

RS232 to 2-Wire RS485 Interface for HG4 Reader

Data converter for 2-wire system RS232 to RS485 with 120 V, 60 Hz power supply.

Readers & Credentials

MAGNETIC STRIPE READERS



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 (11.3 cm H x 4.5 cm W x 3.9 cm D).



NR-5-KP

Wide Gap Magnetic Stripe Reader with 10-wire Matrix Keypad

High quality vandal resistant keypad and magnetic card reader in metal case for interior or exterior use. Multicolor LED is used for status indication. Operating temperature range: -8° to 130° F (-20° to 55° C). Dimensions: 4.52" H x 6" W x 1.56" D (11.3 cm H x 15.2 cm W x 3.9 cm 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 (3.9 cm H x 4.0 cm W x 16 cm D). Operating temperature range: -40° to 185° F (-40° to 85° C).



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 (5.398 cm H x 8.573 cm W x .079 cm 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.

NC2ABA

ABA Format Encoded Magnetic Stripe Card

Magnetic stripe card with ABA format.

Readers & Credentials

MAGNETIC STRIPE CREDENTIALS

NPC-2

Magnetic Stripe Small Photo ID Card (32-Bit)

1/4 size photo-ID slot magnetic stripe cards. Designed to work with NR-5 magnetic stripe readers. Encoded on high-energy magnetic stripe for long life. Includes hot stamping number equal to encoded number. Photo slot dimensions: 1.25" H x 1" W (3.2 cm H x 2.55 cm W). Card dimensions: 2.125" H x 3.375" W (5.398 cm H x 8.573 cm W).



NPC-3

Magnetic Stripe Full Photo ID Card (32-Bit)

Full size photo-ID slot magnetic stripe cards. Designed to work with the NR-5 magnetic stripe reader. Encoded on high-energy magnetic stripe for long life. Includes hot stamping number equal to encoded number. Photo slot dimensions: 2.75" H x 1.75" W (7.0 cm H x 4.5 cm W). Card dimensions: 2.125" H x 3.375" W (5.398 cm H x 8.573 cm W).



ALSO AVAILABLE:

NPC-4

UV Magnetic Stripe Badging Card (32-Bit)

Full-size photo magnetic stripe cards. Designed to work with the NR-5 magnetic stripe reader. Encoded on high-energy magnetic stripe for long life. The laminate material is UV rated to provide for less bleeding and a longer card life. Includes hot stamping number equal to encoded number. Photo slot dimensions: 2.75" H x 1.75" W (7.0 cm H x 4.5 cm W). Card dimensions: 2.125" H x 3.375" W (5.398 cm H x 8.573 cm W).

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 (5.398 cm H x 8.573 cm W x .076 cm 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

Readers & Credentials | WIEGAND READERS



HU/W3100340 (formerly 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 (6.0 cm H x 13.6 cm W x 4.5 cm D).



ALSO AVAILABLE:

HU/W3100500 (formerly 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 (6.0 cm H x 13.6 cm W x 4.5 cm D).



HU/W3152540 (formerly 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 (6.67 cm H x 14.93 cm W x 4.45 cm D). Operating temperature range: -40° to 158° F (-40° to 70° C).



HU/W3121260 (formerly CI-1)

Wiegand Insertion Reader

Wiegand insertion card reader. Can be used exterior or interior. Flush mount on a triple gangbox 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 (5.1 cm H x 8.2 cm W x 7.6 cm D).



HU/W3121510 (formerly CI-MP)

Card Insert Reader Mounting Plate

Mounting plate for the HU/W3121260 Wiegand insertion card readers. Fits triple gang 3.5" (8.89 cm) deep box.

Readers & Credentials

WIEGAND READERS

HU/W3130180 (formerly KR-1)

Wiegand Key Reader

Wiegand key insertion reader for exterior or interior use. Flush mount using mounting plate (HU/W3131550). Compatible with all Wiegand keys. Dimensions: 1.62" H x 1.5" W x 2.25" D (4.1 cm H x 3.8 cm W x 5.7 cm D).

ALSO AVAILABLE:

HU/W5084400 (formerly KR-ES)

Key Reader Escutcheon

The escutcheon, or trim piece, around the HU/W3130180 Wiegand key reader.

HU/W3131550 (formerly KR-MP)

Single Gang Key Reader Mount Plate

Single gang mounting kit for HU/W3130180 insertion reader. Brushed stainless steel.

HU/W2803001 (formerly TR-1)

Wiegand Turnstile Reader, Black

Wiegand turnstile card reader can be used exterior or interior. Compatible with all Wiegand cards except the SC-2-A and NC-1100008. Dimensions: 1.75" H x 7.0" W x 1.75" D (4.5 cm H x 17.8 cm W x 4.5 cm D).

ALSO AVAILABLE:

HU/W3141650 (formerly TR-1/CHROME)

Wiegand Turnstile Reader, Chrome



Readers & Credentials

WIEGAND CREDENTIALS



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 (8.573 cm H x 5.398 cm 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 (8.573 cm H x 5.398 cm 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 (8.573 cm H x 5.398 cm 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 (8.573 cm H x 5.398 cm W).



KI-2

Wiegand Key, Matching Number, Hot Stamp (26-Bit)

Wiegand 26-bit NC format insertion key. With printed number equal to encoded number. Compatible with all Wiegand key insertion readers. Dimensions: 3.25" H x 1" W (8.255 cm H x 2.54 cm W).

ALSO AVAILABLE:

KI-1

Wiegand Key, No Hot Stamp (26-Bit)

With no numbers stamped on key.

KI-1-CRS

Wiegand Key, Cross Reference, Hot Stamp (26-Bit)

With cross referenced hot stamped number.



Readers & Credentials

KEYPADS

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 feedback, 32-bit Wiegand style output, mounts on a single gangbox. Dimensions: 5.125" H x 3.375" W x .5" D (13.02 cm H x 8.57 cm W x 1.27 cm 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 gangbox.



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 (19.05 cm H x 4.45 cm W x 1.91 cm 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 (19.05 cm H x 4.45 cm W x 1.91 cm 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 @ 200 mA DC supply if more than one keypad or reader is used in the panel for illumination and keypad operation.



Readers & Credentials | KEYPADS



KP-10

Exterior/Interior Piezo Matrix Keypad, Stainless

Exterior or interior keypad. Brushed stainless steel, piezo electric with audio and visual feedback, 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 (13.02 cm H x 8.57 cm W x 1.27 cm 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-12

Exterior/Interior 2 x 6 Mullion Matrix Keypad, Stainless

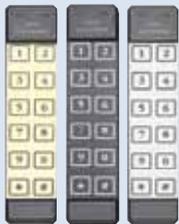
Exterior or interior 11 conductor keypad suitable for mounting on mullion frames. The keypad area uses a stainless steel overlay. Used only with the N-1000-II, N-1000-III and N-1000-IV in card and pin configuration. Dimensions: 7.5" H x 1.75" W x .75" D (19.05 cm H x 4.45 cm W x 1.91 cm D). Operating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

BARCODE READERS/CREDENTIALS

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 (5.08 cm H x 15.24 cm W x 4.445 cm 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.

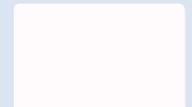


BARCODE CREDENTIALS

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 (5.398 cm H x 8.573 cm W).



BGP-2

Barcode Card with Photo Flap and Mask, Code 39

Barcode cards encoded code 39 with photo flap for use with the BR-7 barcode reader. The BGP-2 has a mask to prevent copying of cards for greater security. Dimensions: 2.125" H x 3.375" W (5.398 cm H x 8.573 cm W).



ALSO AVAILABLE:

BGP-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 (1.59 cm H x 7.62 cm W).



Readers & Credentials

WIRELESS TRANSMITTERS / RECEIVERS



ACARD-SBT

Single Button A-Card (26-Bit)

Single button transmitter for use with the A-card receiver (ACARD-REC). Operates on a 9V battery and individually numbered at the factory for high security. Range of over 100' (30.48m) is attainable (similar to a garage door opener). Dimensions: 4.1" H x 2.3" W x 1" D (10.41cm H x 5.84cm W x 2.54cm D). Operating temperature range: -40° to 160° F (-40° to 71° C).



ACARD-DBT

Dual Button A-Card (26-Bit)

Dual button transmitter allows you to use two A-card receivers (ACARD-REC). One button for the in reader and the other button for the out reader. Operates on a 9V battery and individually numbered at the factory for high security. Range of over 100' (30.48m) is attainable (similar to a garage door opener). Dimensions: 4.1" H x 2.3" W x 1" D (10.41cm H x 5.84cm W x 2.54cm D). Operating temperature range: -40° to 160° F (-40° to 71° C).



ACARD-REC

A-Card Receiver

The A-card receiver is commonly used as a reader for gate control. This reader provides a 26-bit Wiegand style output. Use power supply (HPS123) for back-up applications. Comes with a 12VAC transformer. Compatible transmitter cards are the ACARD-DBT or ACARD-SBT. Dimensions: 8" H x 6" W x 3.5" D with 10" antenna (20.32cm H x 15.24cm W x 8.89cm D with 25.4cm antenna). Operating temperature range: -40° to 160° F (-40° to 71° C).

Readers & Credentials

WIRELESS TRANSMITTERS / RECEIVERS

LIN-KEY-1

Single Button Transmitter, Key Ring Style for LIN-REC

Single button (1 channel) key ring transmitter for the LIN-REC. Black case with gray button. Powered by two-3V DL-1616 lithium batteries (included). 318 MHz transmitter frequency. Individually numbered at the factory with random code numbers. Dimensions: 1.25" H x 2.25" W x .48" D (3.18 cm H x 5.72 cm W x 1.22 cm D).

ALSO AVAILABLE:

LIN-KEY-2

Dual Button Transmitter, Key Ring Style for LIN-REC

Dual button (2 channels) key ring transmitter for the LIN-REC.

LINKEY4

Linear 4 Channel Transmitter

Four-button (4 channels) key ring transmitter for the LIN-REC.



LIN-VSR-1

Single Button Transmitter, Visor Style for LIN-REC

Single button (1 channel) visor clip transmitter for the LIN-REC. Black case with gray button. Powered by two-3V DL-1616 lithium batteries (included). 318 MHz transmitter frequency. Individually numbered at the factory with random code numbers. Dimensions: 1.6" W x 4.2" H x .8" D (4.064 cm W x 10.68 cm H x 2.032 cm D).

ALSO AVAILABLE:

LIN-VSR-2

Dual Button Transmitter, Visor Style for LIN-REC

Dual button (2 channels) visor clip transmitter for the LIN-REC.



LIN-REC

Reader/Receiver for LIN-KEY and LIN-VSR Transmitters

Reader/receiver for the LIN-KEY-1, LIN-KEY-2, LIN-VSR-1 and LIN-VSR-2 transmitters. LIN-REC has a Wiegand output. Reader enclosure is weather-resistant black anodized aluminum with removable end cap to provide wiring and switch setting access; end caps secured with screws. Power requirements: 6-24 VDC unregulated or 5 VDC regulated with a current draw of 17 mA. Dimensions: 6.25" H x 4.25" W x 2.5" D with 10" antenna (15.88 cm H x 10.8 cm W x 6.35 cm D with 25.4 cm antenna).



Readers & Credentials | 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: 2.125" H x 3.375" W (5.398cm H x 8.573cm W).



PF-4-VERT

Vertical UV Photo ID Flap

Vertical self-adhesive UV photo flap. Allows standard cards to be photo ID cards in a vertical orientation.

PF-4-HORZ

Horizontal UV Photo ID Flap

Horizontal self-adhesive UV photo flap. Allows standard cards to be photo ID cards in a horizontal orientation.



PIP-1

Vertical Card Pouch

Vertical card pouch with metal clip. This pouch is designed to work with standard size cards.

PIP-2

Horizontal Card Pouch

Horizontal card pouch with metal clip.



PIP-4

Frosted Rigid Plastic Badge Holder

Durable plastic card holder designed to work with standard size cards.



PIP-5

Vertical Card Holder with Clip Hole

Durable plastic card holder with convenient clip 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.



BC-3

Badge Clip with Adhesive

Badge clip with adhesive back for use with proximity cards. The badge clip may interfere with insertion or swipe card readers depending on mounting location.

Readers & Credentials

CARD ACCESSORIES

BCRETRACT

Retractable Coil Badge Holder with Clip

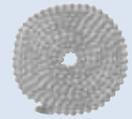
Retractable coil badge holder with clip.



NCKCHN30

30" Neck Chain, Silver

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



ALSO Available:

NCKCHN36

36" Neck Chain, Silver

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

NCKLNRDBA

35" Break Away Neck Lanyard, Royal Blue

Break away, flat woven neck lanyard.

Dimensions: .375" W x 35" L (.95 cm W x 88.9 cm L).



ALSO Available:

NCKLNRDBK

35" Break Away Neck Lanyard, Black

NCKLNRDNB

35" Break Away Neck Lanyard, Navy Blue

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 (3 mm L x 16 mm W).



CP7

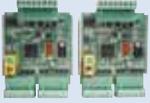
Desktop Card Punch

Stapler-style slot punch with adjustable centering guides to provide a consistent positioning of the slot. Slot size: .125" L x .550" H (3 mm L x 14 mm W).



Readers & Credentials

READER ACCESSORIES



SPX-2-W

Wiegand Extender

Extends Wiegand communications up to 10,000' using a single twisted pair. The system supports from 24 to 36 data bits and has a SPST relay at the remote unit that is energized when the reader LED is energized. The central unit provides an alarm relay to indicate if power or communication is lost at the remote unit. Requires 8-24 VDC power supply (HPS123).



PED-GA-1

Gooseneck Adapter Plate, White

Adapter plate is 4" H x 4" W (10.16 cm H x 10.16 cm W) that screws on to the goose neck (PED-GS-1). The plate has 4.25" H x 20" W (.635 cm H x 50.8 cm W) threaded holes to allow mounting of your own adapter piece.



PED-GS-1

42" Gooseneck White Post, White

42" H (1.06m H) high gooseneck post. 2" W (5.08 cm W) pipe. Use adapter plate (PED-GA-1) to mount adapter.



PED-GS-2

36" Gooseneck White Post

36" H (.914m H) high gooseneck post. 2" W (5.08cm W) pipe. Use adapter plate (PED-GA-1) to mount adapter.

Locks & 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:



Locks

MAGNETIC LOCKS

MAGNETIC LOCKS

Honeywell magnetic locks provide reliable and affordable locking options. Our magnetic locks have been tested with all Honeywell control panels to assure that they will work properly every time. Additionally, Honeywell locks include standard mounting templates that take the fear out of drilling into a door. All locks are UL Listed and meet the needs of most applications.



ML-8005

Single Door Small Magnet, 650 lbs

Designed to accommodate low door clearance or minimum security applications. Holding force: 650 lbs (295 kg) Current draw: 415 mA @ 12 VDC, 215 mA @ 24 VDC. Lock size: 1.625" H x 10" W x 1" D (4.2 cm H x 25.0 cm W x 2.5 cm D). Armature dimensions: 1.5" H x 7.25" W x .5" D (3.8 cm H x 18.5 cm W x 1.2 cm D).



ML8011-LC-US28

Magnetic Lock, 1,200 lbs

UL Listed magnetic door lock for a single door with 1,200 lbs (544 kg) holding force, operates on 12/24 VDC .2 A current draw and comes with a US28 (satin stainless) finish. Lock dimensions: 2.625" H x 10.5" W x 1.625" D (6.67 cm H x 26.67 cm W x 4.13 cm D). Armature dimensions: 2.5" H x 7" W x .375" D (6.35 cm H x 17.78 cm W x .95 cm D).



ALSO AVAILABLE:

ML8011-LC-US40

Magnetic Lock, 1,200 lbs

US40 (brown aluminum) finish.

ML8011-LCR-US28

Magnetic Lock, 1,200 lbs with Bond Sensor

US28 (satin stainless) finish.

ML8011-LCR-US40

Magnetic Lock, 1,200 lbs with Bond Sensor

US40 (brown aluminum) finish.



ML8011-002-US28

Magnetic Lock, 1,500 lbs with Door Sensor Switch

UL Listed magnetic door lock with door sensor switch for a single door with 1,500 lbs (680 kg) holding force, operates on 12/24 VDC .2 A current draw and comes with a US28 (satin stainless) finish. Lock dimensions: 2.625" H x 10.5" W x 1.625" D (6.67 cm H x 26.67 cm W x 4.13 cm D). Armature dimensions: 2.5" H x 7" W x .375" D (6.35 cm H x 17.78 cm W x .95 cm D).



ALSO AVAILABLE:

ML8011-002-US40

Magnetic Lock, 1,500 lbs with Door Sensor Switch

Locks

MAGNETIC LOCKS / MOUNTING ACCESSORIES

ML8022-LC-US28

Magnetic Lock for Double Doors, 1,200 lbs

UL Listed magnetic door lock for a double door with 1,200 lbs (544 kg) holding force, operates on 12/24 VDC .5 A current draw and a US28 (satin stainless) finish.

Lock dimensions: 2.625" H x 21" W x 1.625" D (6.68 cm H x 53.6 cm W x 4.13 cm D).

Armature dimensions: 2.375" H x 7.25" W x .625" D (6.0 cm H x 19.0 cm W x 1.6 cm D).



ML8022-002-US28

Magnetic Lock for Double Doors, 1,500 lbs

UL Listed magnetic door lock for a pair of doors with 1,500 lbs (544 kg) holding force, operates on 12/24 VDC .4 A current draw and a US28 (satin stainless) finish.

Lock dimensions: 2.625" H x 21" W x 1.625" D (6.68 cm H x 53.6 cm W x 4.13 cm D).

Armature dimensions: 2.375" H x 7.25" W x .625" D (6.0 cm H x 19.0 cm W x 1.6 cm D).



MB21021-2-US28

Adjustable Angle Bracket for ML8011 Series Locks

Adjustable angle bracket for ML8011 series locks in a US28 satin aluminum finish.

Dimensions: 1.5" H x 2.375" W (3.81 cm H x 6.03 cm W).



MB21021-US28

Angle Bracket for ML8011 Series Locks

Angle bracket for ML8011 series locks in a US28 satin aluminum finish.

Dimensions: 1" H x 1.5" W x .3125" D (2.54 cm H x 3.8 cm W x .795 cm D).



MB21031-US28

Z-Bracket for ML8011 Series Locks

Angle bracket for ML8011 series locks. US28 satin aluminum finish.

Dimensions: 1" H x 1.5" W x .3125" D (2.54 cm H x 3.8 cm W x .795 cm D).



MB21034-US28

Tamper-proof Z-Bracket for ML8011 Series Locks

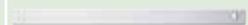
Tamper-proof Z-bracket for in-swinging or out-swinging doors using the ML8011 series locks. US28 satin aluminum finish.



MB21001-US28

Filler Plate for ML8011 Series Locks, 1/2" X 3/4"

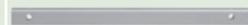
1/2" x 3/4" or 3/4" x 1/2" filler plate for ML8011 series locks. US28 satin aluminum finish.



MB21005-US28

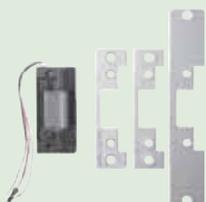
Filler Plate for ML8011 Series Locks, 5/8" X 3/4"

5/8" x 3/4" or 3/4" x 5/8" filler plate for ML8011 series locks. US28 satin aluminum finish.



Locks & Egress Devices

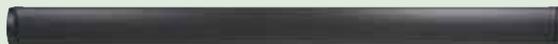
DOOR STRIKES / EGRESS



NS5100

Dual Voltage Electric Door Strike, 3 Face Plates

Dual voltage electric door strike providing over 1,300 lbs. of holding force. Fail-secure/fail-safe field reversible. The NS5100 is .38A @ 12 VDC or .19A @ 24 VDC. Strike includes three face plates for use with hollow metal, wood or aluminum frames. Adjustable keeper and small backbox fit almost any application. Retrofit existing doors or lock replacements with included neoprene filler. Backbox: 3.375" H x 1" W x 1.345" D. Keeper pocket: 1.4375" H x .5" D x .6875-.8125" W (adjustable).



SMART-BAR

36" Electronic Smart Touch Sensor Bar Exit Device, 12/24 VDC, IR Beam Activation

The smart touch sensor bar provides a clean, contemporary design. The bar uses two redundant detection systems to sense an exit request. The first is a capacitance touch sense when a person touches the metal portion of the bar. The second is an invisible infrared light beam, which is directed across the front of the bar. The bar is constructed of heavy-duty aluminum extrusion.

Requires 12/24 VDC linear power supply. Dimensions: 2.5" H x 36" W x 3.25" D (6.4 cm H x 91 cm W x 8.3 cm D).

Egress Devices

IS310WH

Curtain PIR, White

Request to exit PIR with up to 10' (3.05m) coverage. Two Form C contacts can be adjusted from .25 to 60 seconds. Temperature range: -20° to 120° F (-29° to 49° C). UL 294 listed. Power requirements: 12/24 VAC or VDC. Dimensions 1.5" H x 6.25" W x 1.5" D (3.8 cm H x 15.8 cm W x 3.8 cm D).

ALSO AVAILABLE:

IS310BL

Curtain PIR, Black



EXB-1

Egress Button

Exit button with a single gang stainless steel mounting plate, DPDT. Can be configured with momentary or latching contact status. Temperature range: 32° to 158° F (0° to 70° C). Dimensions: 4.5" H x 2.75" W x 2.13" D (11.43 cm H x 6.99 cm W x 5.40 cm D).



EGRESSK1

PIR and Request to Exit Button Kit

Includes PIR (IS310WH) and egress button (EXB-1).



R1010

Switch Manual Release

Switch with momentary contact and key-symbol, white color. Dimensions: 2.375" H x 2.375" W x .625" D (6.1 cm H x 6.1 cm W x 1.5 cm D).



Egress Devices



R9300-US28

Momentary Exit Switch

Momentary aluminum exit switch with blue push button. Satin stainless finish. Dimensions: 4.75" H x 3" W x .25" D (12 cm H x 7.6 cm W x .6cm D).

ALSO AVAILABLE:

R9300-US40

Momentary Exit Switch

Brown aluminum finish.



R9400-US28

1-1/2" Cap Exit Switch

Momentary 1.5" mushroom aluminum exit switch (red mushroom cap) with satin stainless finish. Dimensions: 4.75" H x 3" W x .25" D (12 cm H x 7.6 cm W x .6 cm D).

ALSO AVAILABLE:

R9400-US40

1-1/2" Cap Exit Switch

Brown aluminum finish.



R9600-US28

2-3/8" Cap Exit Switch

Momentary 2.375" mushroom aluminum exit switch (red mushroom cap) with satin stainless finish. Dimensions: 4.75" H x 3" W x .25" D (12 cm H x 7.6 cm W x .6 cm D).

ALSO AVAILABLE:

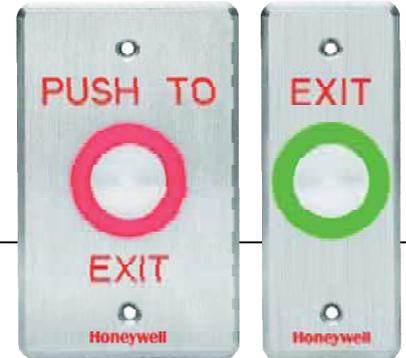
R9600-US40

2-3/8" Cap Exit Switch

Brown aluminum finish.

Piezoelectric Switches

Egress Buttons



Honeywell piezoelectric switches enhance facilities with a professional, stainless steel finish to accompany magnetic-lock controlled doors. The switches, designed for indoor and outdoor use, feature an illuminated ring that changes color when the button is touched, making it easy to find in a dark location. Mullion-size and U.S. gang switchbox form factors are available to support multiple mounting configurations.

Rated for both indoor and outdoor use, the switch is corrosion resistant and rugged enough for most environments. The larger button size (4.5 in x 2.75 in x 1.25 in) makes it more accessible for use by individuals with special work or environment needs.

Because the buttons are not mechanical and have no moving parts, the button mechanism on the switch is not subject to typical “wear and tear.” The button generates a dry contact normally open/normally closed (NO/NC) relay pulse by the touch of a finger. Switch life expectancy is solely dependent upon the relay.

By default, the button ships with the relay in a toggle configuration. The relay can also be set as an adjustable, timer-controlled output with a sustained output time from 1 to 60 seconds. Similarly, the LED indication time is configurable from 1 to 60 seconds.

FEATURES

- Advanced soft touch Piezoelectric Switch
- Weatherproof design
- Vandal resistant stainless steel construction
- Field selectable illumination
- Single gang or mullion mount
- Two outputs (1 N/O, 1 N/C)
- Adjustable output and LED indication time (1 to 60 seconds)
- Output and indication toggle option

SPECIFICATIONS

Vandal Resistant

- Stainless steel mounting plate and solid state button

Adjustable Output Time

- 1 to 60 seconds
- Toggle option

Field Selectable Illumination Status

- Jumper selectable
Relay OFF: Red, green or no illumination
Relay ON: Red, green or no illumination

Power Requirements

- 10 to 24 VDC
- Power consumption
Standby: 15 mA @ 24 VDC
Maximum: 140 mA @ 24 VDC

Outputs

- 1 normally open, 1 normally closed
- Jumper selectable relay (Normally ON or OFF)

Dimensions

- Single gang: 4.5 in x 2.75 in x 1.25 in (11.4 cm x 7.0 cm x 3.2 cm)
- Mullion: 4.5 in x 1.75 in x 1.25 in (11.4 cm x 4.4 cm x 3.2 cm)

Weatherproof Design

- Circuit assembly encapsulation

Mounting Methods

- Single gang box
- Mullion

Faceplate Graphics

- Single gang: “PUSH TO EXIT”
- Mullion: “EXIT”
- Custom laser marked graphics available, minimum order quantities apply

Environmental Characteristics

- Environment: Indoor and outdoor (IP-65)
- Operating temperature: -40°C to 63°C (-40°F to 145°F)
- Operating humidity: 0 to 95% (Non-condensing)

Relay Life Expectancy

- 100,000 @ 2A 30 VDC
- 500,000 @ 1A 30 VDC

Piezoelectric Switches

Egress Buttons

ORDERING

PEXBHON1	U.S. Single Gang Mount Piezoelectric Switch w/Honeywell Logo
PEXBHON2	Mullion Mount Piezoelectric Switch w/Honeywell Logo
PEXBGEN1	U.S. Single Gang Mount Piezoelectric Switch
PEXBGEN2	Mullion Mount Piezoelectric Switch
Kits:	
HONDK3	OP30HONE Proximity Reader, PEXBHON1 Piezo Egress Button and ML8011-LC-US28 Magnetic Lock
HONDK4	OP40HONE Proximity Reader, PEXBHON1 Piezo Egress Button and ML8011-LC-US28 Magnetic Lock
EGRESSK2	IS310WH Request to Exit and PEXBHON1 Piezo Egress Button
MLKIT1	ML8011-LC-US28 Magnetic Lock, and PEXBHON1 Piezo Egress Button
MLKIT2	ML8011-LC-US28 Magnetic Lock, PEXBHON1 Piezo Egress Button and IS310WH Request to Exit Sensor

Communications & Accessories

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



Communications | PANEL COMMUNICATIONS



N-485-PCI-2

RS485 PC Interface

The N-485-PCI-2 is an RS485 interface located between the computer and the access control panels. It converts the RS232 data coming from the PC into RS485 data. Comes with a 3' (0.9 m) 9-pin cable for connection to the PC, cable can be extended to within RS232 maximum distance. For use with N-485-API-2, N-1000-III, N-1000-IV, NS2 or NS2+ panel. Dimensions: 5.5" H x 3.875" W x 2" D (13.97 cm H x 9.843 cm W x 5.08 cm D). ALL 485 UNITS IN THE SYSTEM MUST HAVE THE SAME VERSION FIRMWARE.

ALSO AVAILABLE:

N-485-HUB-2

RS485 Modem Interface

The N-485-HUB-2 converts RS232 data coming from the modem into RS485 data. ALL 485 UNITS IN THE SYSTEM MUST HAVE THE SAME VERSION FIRMWARE

N485PCI2L

RS485 Interface for LANSRLU1

Designed specifically for use with the LANSRLU1 network converter. The N485PCI2L is an RS485 interface located between the LANSRLU1 and the access control panels. Converts RS485 signal (from panel) to RS232 with cable for direct connection to network converter. ALL 485 UNITS IN THE SYSTEM MUST HAVE THE SAME VERSION FIRMWARE.



LANSRLU1

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 RS232 signal into 10Base-T (10 Mbps) or 100Base-TX (100 Mbps). Supplied with 110 VAC power adapter. Dimensions: 3.5" H x 2.5" W x .9" D (90 mm H x 64 mm W x 23 mm D).



LAN485KIT

Kit with LANSRLU1 & N485PCI2L

Includes LANSRLU1 and N485PCI2L.



FC485

Multimode 2 Strand 485-Fiber Transceiver with Transformer

The FC485 provides fast RS485 to fiber [2 strand 62.5 micron multimode – max 1 mile (~1600m)] conversion applications at any baud rate between 300 to 115.2K. Auto-baud capability requires no resistors or jumpers to set. Jumpers for 120 ohm bias and line termination are provided. The unit is enclosed and transformer is included. Use NC2441-TN or NCP2441-TN wire. Dimensions: 3.25" H x 5.5" W x 1.375" D (8.25 cm H x 13.9 cm W x 3.49 cm D).

Communications

MODEMS / SERIAL PORT EXPANDERS

M-56K

56K External Modem

High speed modem for N-485-HUB-2 interface. Transformer included. Dimensions: 3.75" H x 6.63" W x 1.25" D (9.52 cm H x 16.82 cm W x 3.17 cm D).



SHM-B-ASYNC

Short Haul Modem

Short haul modem for communicating RS232 across two twisted pairs of 24-26 AWG unshielded telephone cable, insulated by polyethylene with a mutual capacitance of 0.083 mfd/mile. Transmission distance up to 4 miles (6.4 km) at 2400 baud or 1 mile (1.6 km) at 19,200 baud are achievable using specified wire. Requires two SHM-B-ASYNC, one at each end. Transformer included. Dimensions: 1.4" H x 4.25" W x 4.5" D (3.8 cm H x 10.9 cm W x 11.7 cm D).



SERIAL PORT EXPANDERS

NTEXPDI4

4-Port Communication Board

Used for WIN-PAK 2.0 or higher to add four RS232 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.

ALSO AVAILABLE:

NTEXPDI8

8-Port Communication Board

Used for WIN-PAK 2.0 or higher to add eight RS232 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 RS232 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.

Communications | SERIAL PORT EXPANDERS AND CABLES



NTEXPDI32

32-Port Communication Board

Used for WIN-PAK 2.0 or higher to add 32 RS232 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 RS232 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.



CBLE100

RJ45 Patch Cable, 100 ft.



CBLE200

RJ45 Patch Cable, 200 ft.

USBXT

USB Extender, 150 ft.

Power Supplies

Honeywell power supplies are offered specifically to support access control and electric locking hardware.

The power supplies/chargers convert 115 VAC/60 Hz into a power limited, field-selectable continuous power output. These power supplies are UL Listed for access control (UL294), fire alarm (UL1481) and burglar alarm installations (UL603), and conform to NEC requirements. Distribution modules capable of distributing one power source across multiple fused outputs and a fire panel interface make ordering and installation more convenient.

THIS SECTION INCLUDES:

Auxiliary Power Modules

Power Distribution Modules

Transformers

Batteries



Power Supplies

AUXILIARY POWER MODULES



HPS123

6/12/24 VDC 2.5A or 1 A Power Supply, Enclosure & Battery

Converts 115 VAC/60 Hz into 6/12 VDC @ 2.5 A of continuous supply current (24 VDC @ 1A). Comes with a plug in 24V 50 VA transformer, 5 AH battery, battery leads and hardware. Filtered and electronically regulated output. Built-in charger for sealed lead acid or gel type batteries. Automatic switchover to stand-by battery. Circuit breaker battery protection. AC input and DC output LED diagnostic indicators. For 24 VDC, an additional BAT-3 must be ordered separately. Enclosure dimensions: 10" H x 10" W x 4.5" D (25 cm H x 25 cm W x 11.5 cm D).

ALSO AVAILABLE:

HPS125

6/12/24 VDC 4 A or 2.5 A Power Supply, Enclosure & Battery Converts 115 VAC/60 Hz into 6/12 VDC @ 4 A of continuous supply current (24 VDC @ 2.5 A). For 24 VDC, an additional BAT-3 must be ordered.



HP300ULX

12/24 VDC 2.5 A Power Supply and Enclosure

Converts 115 VAC/60 Hz into a 12/24 VDC @ 2.5 A single class 2 rated power limited supply. AC fail, low battery and battery presence monitoring. Enclosure accommodates up to two 12 AH batteries. Dimensions: 13" H x 13.5" W x 3.25" D (33 cm H x 34.3 cm W x 8.3 cm D).

ALSO AVAILABLE:

HP400ULX

12/24 VDC 4 A Power Supply and Enclosure

Converts 115 VAC/60 Hz into a 12/24 VDC @ 4 A single class 2 rated power limited supply.

HP600ULX

12/24 VDC 6 A Power Supply and Enclosure

Converts 115 VAC/60 Hz into a 12/24 VDC @ 6 A single class 2 rated power limited supply.



HP300ULM

12/24 VDC 2.5 A Power Supply, Enclosure and HPMOM5

Converts 115 VAC/60 Hz into a 12/24 VDC @ 2.5 A single class 2 rated power limited supply. Includes the HPMOM5 interface which features fire alarm panel or access control system NO, NC or polarity reversal trigger input and six individually protected PTC outputs rated at 2.5 A each. AC fail, low battery and battery presence monitoring. Enclosure accommodates up to two 12 AH batteries. Dimensions: 13" H x 13.5" W x 3.25" D (33 cm H x 34.3 cm W x 8.3 cm D).

ALSO AVAILABLE:

HP400ULM

12/24 VDC 4 A Power Supply, Enclosure and HPMOM5

Converts 115 VAC/60 Hz into a 12/24 VDC @ 4 A single class 2 rated power limited supply.

HP600ULM

12/24 VDC 6 A Power Supply, Enclosure and HPMOM5

Converts 115 VAC/60 Hz into a 12/24 VDC @ 6 A single class 2 rated power limited supply.

Power Supplies

AUXILIARY POWER MODULES

HP600ULACM8

12/24 VDC 6 A Power Supply, Enclosure and HPACM8

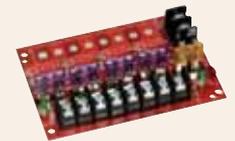
Converts 115 VAC/60 Hz into a 12/24 VDC @ 6 A single class 2 rated power limited supply. Includes the HPACM8 interface which features fire alarm panel or access control system NO, NC or polarity reversal trigger input and eight independently operated and individually protected outputs rated at 2.5 A each. AC fail, low battery and battery presence monitoring. Enclosure accommodates up to two 12 AH batteries. Dimensions: 13" H x 13.5" W x 3.25" D (33 cm H x 34.3 cm W x 8.3 cm D).



HPD4

4 Fused Output Distribution Module

Distributes one low voltage power input to 4 individually protected outputs. Each circuit uses automotive style fuses rated 3 A @ 35 VDC (up to 5 A fuses may be used) and the board is protected with a 5 A main fuse. Handling up to 28 VAC/VDC, this board has a power switch, surge protected outputs, power LED indicator, and diagnostic LEDs per circuit. Mounts with included foam backed tape or optional snap track (HST34). Dimensions: 3" H x 4.3" W x 1.0" D (7.6 cm H x 11 cm W x 2.5 cm D).



ALSO AVAILABLE:

HPD4CB

4 PTC Output Distribution Module

Includes individual auto-reset type PTCs rated 2.5 A @ 30 VDC each instead of fuses.

HPD8

8 Fused Output Distribution Module

These convert one low voltage power input to 8 individually protected outputs. Handling up to 28 VAC/VDC, this board has a power switch, surge protected outputs, power LED indicator, and diagnostic LEDs per circuit. Each circuit is protected with automotive style fuses rated 3 A @ 35 VDC (up to 5 A fuses may be used) and the board has a 5 A main fuse. Mounts with included foam backed tape or optional snap track (HST34). Dimensions: 3" H x 4.3" W x 1.0" D (7.6 cm H x 11 cm W x 2.5 cm D).



ALSO AVAILABLE:

HPD8CB

8 PTC Output Distribution Module

Each circuit is protected with auto-reset PTC's rated 2.5 A @ 30 VDC instead of fuses.

HPMOM5

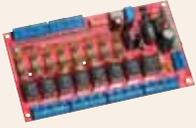
6 Fused Output Distribution with Fire Panel Interface

This multi-output power distribution module converts one non-power limited 12 VDC or 24 VDC voltage input to 6 power limited outputs. Each output can be used to power magnetic locks, electric strikes, magnetic door holders, etc. Outputs switch together and operate both fail-safe and fail-secure. Activation is through normally open or normally closed supervised input or the polarity reversal from a fire alarm control panel. A Form C dry output relay will enable HVAC shutdown, elevator recall or trigger auxiliary devices. Class 2 current rated at 2.5 A per output. Diagnostic LEDs per circuit. Power and input trigger LEDs. Power fail supervision relay is Form C rated 1 A @ 28 VDC/115 VAC. Dimensions: 5.3" H x 3.5" W x 1" D (13.5 cm H x 8.9 cm W x 2.5 cm D).



Power Supplies

POWER DISTRIBUTION MODULES



HPACM8

8 Fused Output Distribution with FACP Interface

This distributes one 12 to 24 VAC or DC input over 8 independently controlled fuse protected outputs. The outputs can also be configured as dry Form C contacts. Activated by an open collector sink or normally open dry trigger input from an access system, card reader, keypad, push button, PIR, etc. Outputs operate both fail-safe and fail-secure and will power magnetic locks, electric strikes, magnetic door holders, etc. Powered by either one common source or by two independent sources, one for board power and the other for accessory power. The FACP interface can trigger emergency exit, monitoring, HVAC shutdown, elevator recall or other auxiliary devices. The fire alarm disconnect is configurable for all affected or 50/50 mode. Dimensions: 8" W x 4.5" H x 1.25" D (20.3 cm W x 11.4 cm H x 3.8 cm D).

ALSO AVAILABLE:

HPACM4

4 Fused Output Distribution with FACP Interface

Distributes one 12-24 VAC or VDC input over 4 independently controlled fuse protected outputs.

Power Supplies

TRANSFORMERS / BATTERIES

X-750

18 VAC, 50 VA Transformer for the N-750

18 VAC 50 VA plug in transformer for the N-750 system. Each N-750 system comes standard with one X-750.



PS-220/Transformer

220 VAC/16VAC P14G in Transformer

For N-1000-III/IV, NS2, NS27, NX4S1 and replacement transformer for PS-1-12E.

X-2

12 VAC Transformer

Transformer that converts 120 VAC to 12 VAC. 40 VA rating. AC power supply for the following legacy devices: N-501-LB, N-500-LB-B, N-500-PCM, N-1000-II, N-1000-II-X, and C-100-A1.



X-4

16.5 VAC 50 VA Transformer 110VAC

16.5 VAC 50 VA plug in transformer. For N-1000-III/IV, NS2, NS2+, NX4S1 and replacement transformer for PS-1-12E.

ALSO AVAILABLE:

X4CAN

CSA Approved Transformer

CSA Approved 16.5 VAC 50 VA plug-in transformer for N-1000-III, N-1000-IV, NS2, NS2+, NX4S1 control panels.



S-4

Suppressor Kit

Provides proper protection against electrical spikes caused by collapsing electrical fields. One suppressor kit is required for every electrical switching device connected through a relay contact on the N-1000-II, N-1000-III, N-1000-IV, NS2 and NS2+ control panels.



BAT-2

Lithium Battery for N-1000

Replacement lithium battery. Provides backup power for memory retention on the N-1000-II control panels.





Additional Information

Honeywell's wide assortment of products allows dealers to tailor a complete access control system for any facility. This section includes a Product Compatibility Chart to simplify the selection of components for application and provides basic instructions on how to configure the system.

THIS SECTION INCLUDES:

- Product Compatibility Chart
- System Configurations
- Sales Policy

Additional Information | COMPATIBILITY CHART

CONTROLLER	NS2	NX4S1 NS2+	NX4L1	N-1000-III N-1000-III-X	N-1000-IV N-1000-IV-X	N-1000-IV PW-2000-III-X	PW-2000-III PW-2000-IV-X	PW-2000-IV PRO2200	N-750	PTMLB/ PTDCM
Security Management Systems										
NStar	✓									
WIN-PAK SE		✓	✓	✓	✓	✓	✓	✓		
WIN-PAK PE		✓	✓	✓	✓	✓	✓	✓		
WIN-PAK PRO Central Station		✓	✓	✓	✓	✓	✓	✓		
Win750								✓		
PassPoint Plus									✓	
Discontinued Part Numbers										
WIN-PAK 2005		✓	✓	✓	✓	✓	✓	✓		
WIN-PAK PRO 2005		✓	✓	✓	✓	✓	✓	✓		
125 KHz Proximity Readers										
OP10HONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OP10GENE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OP30HONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OP30GENE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OP40HONE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OP40GENE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HID ProxPoint (6005)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HID MiniProx (5365)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HID ThinProx (5395)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HID ProxPro (5355)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HID ProxPro II (5455)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HID ProxPro Keypad (5355K)	✓	✓	✓				✓		✓	
HID ProxPro Keypad Matrix (PR-PROXPRO-K2)				✓	✓	✓	✓			
HID MaxProx (5375)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indala Flex Pass Linear (FP5XX)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indala Flex Pass Arch (FP6XX)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indala Flex Pass Curve (FP7XX)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Indala Flex Pass Wave (FP8XX)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13.56 MHz Smart Card Proximity Readers										
OM30BHONA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OM40BHONA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OM45BHONA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OM55BHONA	✓	✓	✓	*	*	*	*	✓	*	✓
OmniAssure Readers										
OT30XXXX	+	+	+	+	+	+	+			
OT31XXXX	+	+	+	+	+	+	+			
OT35XXXX	+	+	+	+	+	+	+			
OT36XXXX	+	+	+	+	+	+	+			
OT70XXXX	+	+	+	+	+	+	+			
OT75XXXX	+	+	+	+	+	+	+			
Wiegand Readers										
HU/W3100340 (CR-1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HU/W3152540 (AR-1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HU/W3130180 (KR-1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HU/W3121260 (CI-1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HU/W2803001 (TR-1)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Card read only. Keypad PIN not passed to panel.
 + Consult factory for exact product compatibility.

Additional Information | COMPATIBILITY CHART

CONTROLLER	NS2	NS2+	NX4S1 NX4L1	N-1000-III N-1000-III-X	N-1000-IV N-1000-IV-X	PW-2000-III PW-2000-III-X	PW-2000-IV PW-2000-IV-X	PRO2200	N-750	PTMLB/X PTDCM
Magnetic Stripe Readers										
NR-5	**	**	**	✓	✓	✓	✓	✓	**	**
NR-5-KP				✓	✓	✓	✓			
NR-2-WR	**	**	**	✓	✓	✓	✓	✓	**	**
Barcode Readers										
BR-7	**	**	**	✓	✓	✓	✓	✓	**	**
BR-VL	**	**	**	✓	✓	✓	✓	✓	**	**
Keypad Readers										
KP-10				✓	✓	✓	✓			
KP-11	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
KP-12				✓	✓	✓	✓			
KP-13	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Biometric Readers										
IR HandKey CR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IR HandKey II	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bioscrypt VProx	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bioscrypt VPass	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bioscrypt VFlex	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bioscrypt VSmart	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bioscrypt VStation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Communication Devices – RS485										
N-485-PCI-2	✓	✓	✓	✓	✓	✓	✓			
PRO22CVT1							✓			
Communication Devices – Dial-Up										
SHM-B-ASYNC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M-56K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Communication Devices – Ethernet										
NSLAN1	✓	✓								
LANSRLU1	✓	✓		✓	✓	✓	✓		✓	✓
N485PCI2L	✓	✓		✓	✓	✓	✓			
PRO22EN								✓		
Communication Devices – Other										
E290D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SPX-II-2-W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NTEXPDI4		✓		✓	✓	✓	✓	✓		
NTEXPDI8		✓		✓	✓	✓	✓	✓		
NTEXPDI16		✓		✓	✓	✓	✓	✓		
NTEXPDI32		✓		✓	✓	✓	✓	✓		
NTEXPDI64		✓		✓	✓	✓	✓	✓		
Enclosures										
ENC-3				✓		✓		✓		
ENC-4				✓		✓	✓			
ENC10	✓	✓								
ENC30	✓	✓								
PRO22ENC1								✓		
PRO22ENC2								✓		
PRO22ENC3								✓		
PRO22ENC4								✓		
PRO22ENC5								✓		
N-750-ENC									✓	
PTCANPOWER										✓

** Limited compatibility for Wiegand data. Provide sample cards to factory for testing and compatibility.

Additional Information

WIN-PAK® SE CONFIGURATION

Access Control

- Cardholder capacity: Unrestricted with WIN-PAK® SE 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+
- Up to 32 access levels can be applied to a card (multiple access level mode)

Alarm Monitoring

- Monitor points: 126,480 per system
- Sound files played per event status
- Monitor 16 live cameras in a single view
- VISTA 128FBP/250FBP (optional)

Reporting and Operating

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

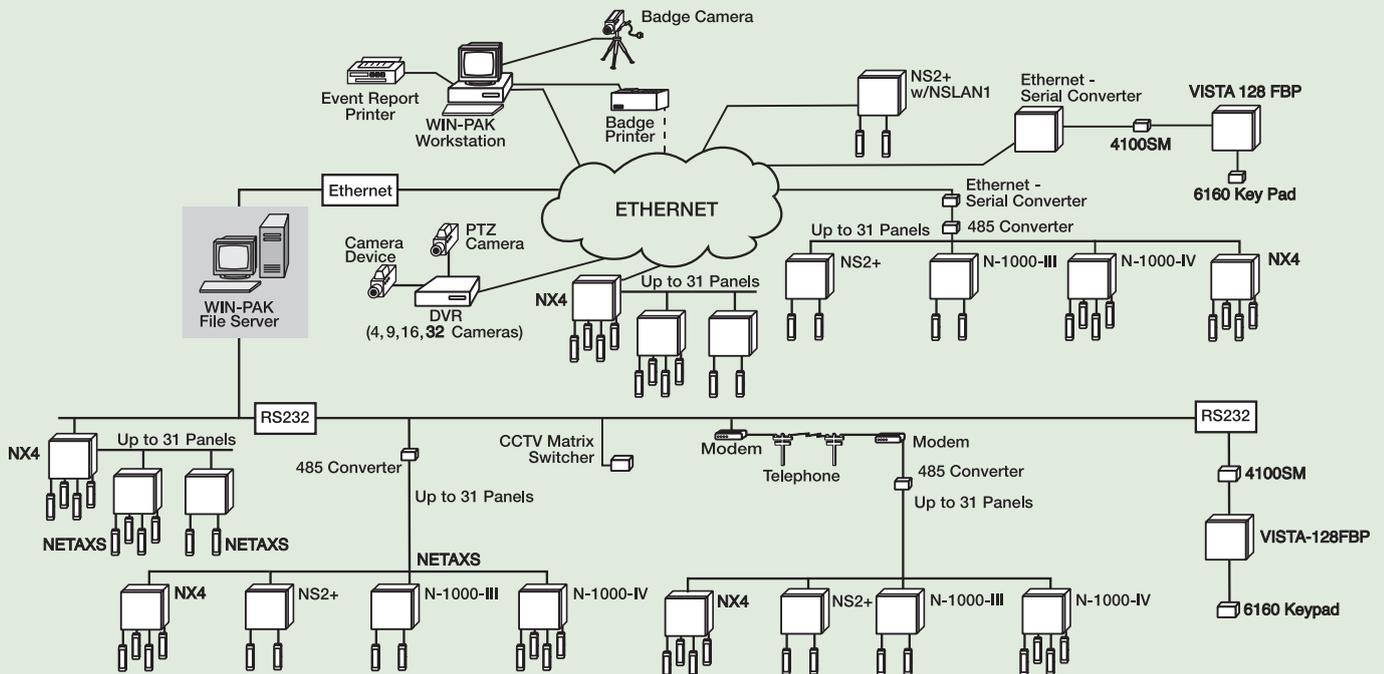
Communications

- 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 2005, 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 SE CONFIGURATION



Additional Information

WIN-PAK® PE CONFIGURATION

Access Control

- Cardholder capacity: Unrestricted with WIN-PAK® PE software host grant feature
- Communication Servers: Unrestricted
- Operators: Unrestricted
- Supports multiple accounts allowing separate access to the card data-base, 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 provide 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
- VISTA 128FBP/250FBP (optional)

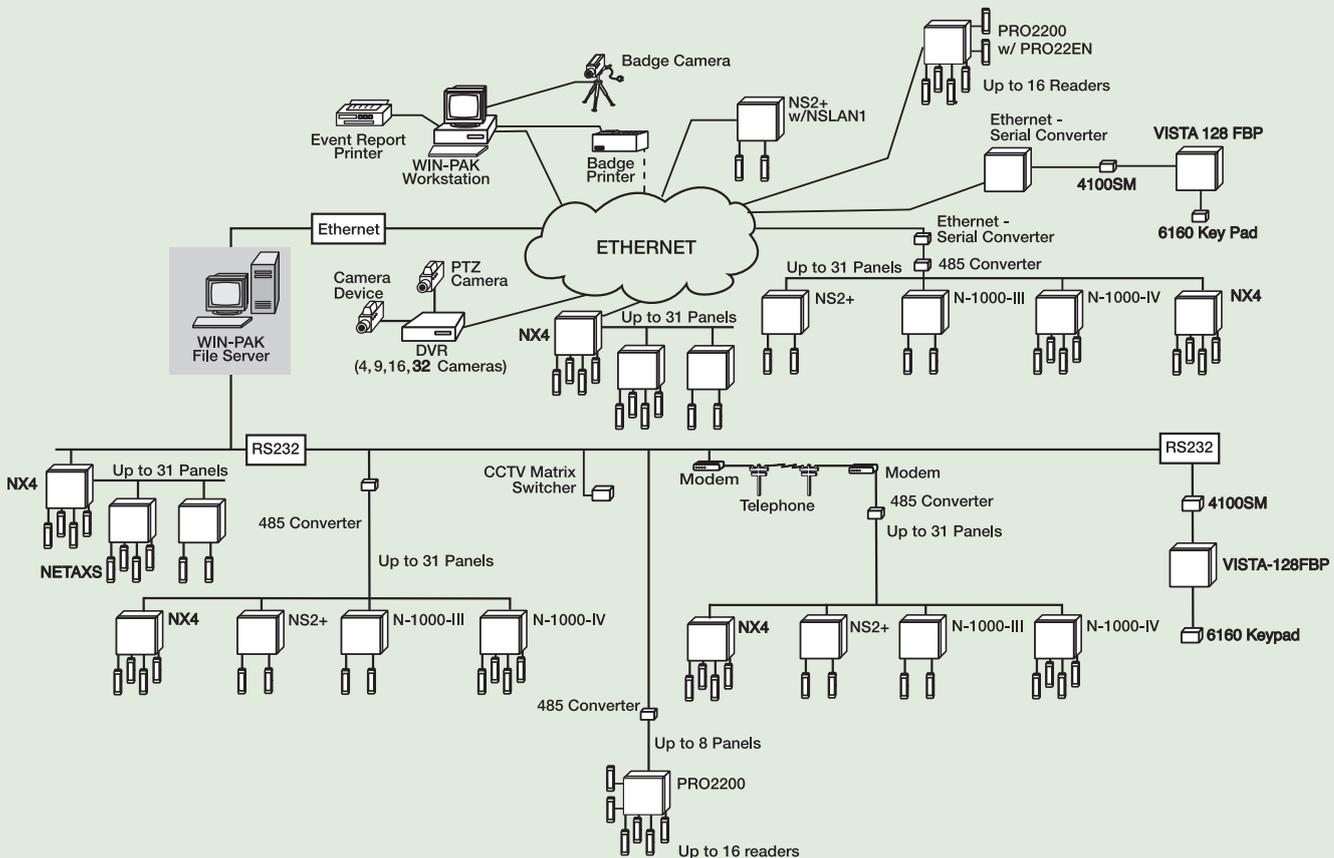
Reporting and Operating

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

Other

- Database engines: MSDE 2000 standard, SQL Server 2005, 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 PE CONFIGURATION



Additional Information

NETAXS™ STANDALONE WEB CONFIGURATION

Web Features

- Built-in Web browser interface
- Real time system control
- Live remote monitor of alarms and events
- Detailed report viewer
- Audit trail and customized reporting
- Add/remove users
- Live monitoring of system events
- Alarm annunciation status bar
- Manual control of readers, locks and inputs/outputs
- Multiple user connections per system
- Special functions
 - N-Man rule
 - Supervisor rule
 - Escort rule
 - Limited use (number of uses or dates)
- Automatic clock synchronization
- High-security with SSL level encryption

System Communications

- Multiple communication options
 - On-board Ethernet
 - Built-in RS485 (does not require N-485-PCI-2)
 - Built-in RS232

System Capacities

- 10,000 cardholders
- 25,000 events/buffers
- 4 readers, expandable up to 124
- 14 supervised inputs
 - Add up to 64 additional inputs
- 8 SPDT, relay outputs
 - Add up to 64 additional outputs
- Motorola Coldfire 32-bit processor
- Flash programming for firmware revision updates
- Temperature: 35-110° F (-2-43° C)
- Humidity: 0 to 85% RHNC

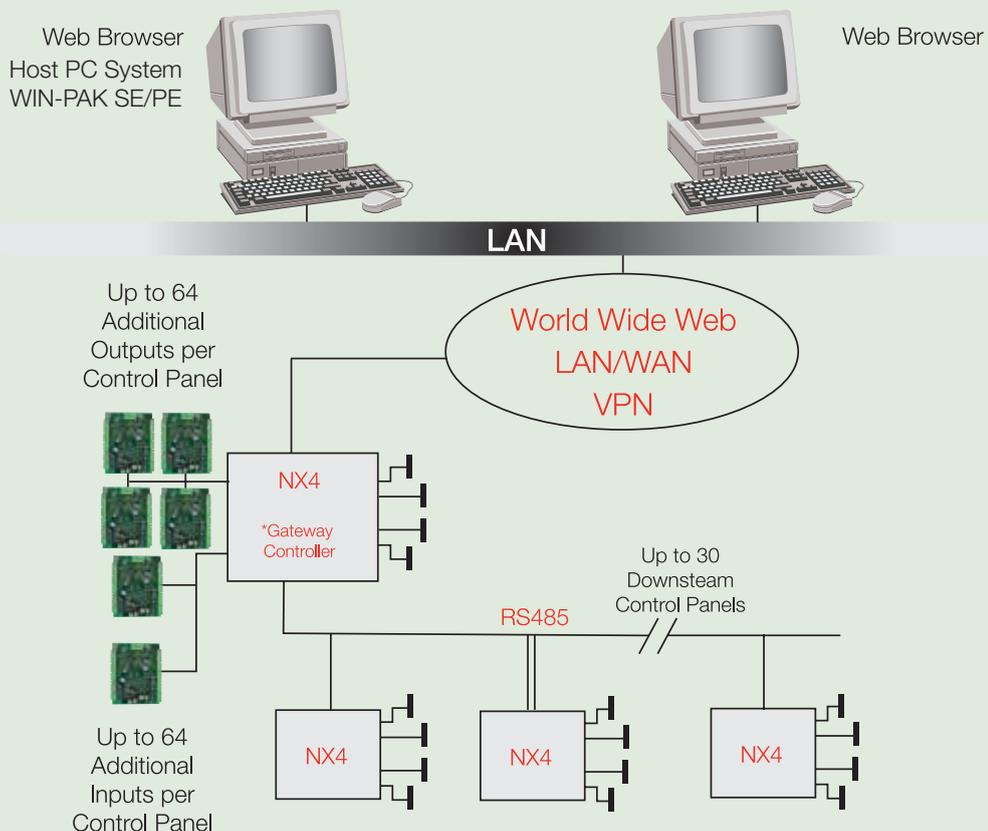
NetAXS Enclosure Options

- Large Enclosure
 - NetAXS 4 door control panel
 - 24 VDC, 6 A power supply
 - Distributed relay board
 - 24V battery backup
 - Noise suppression filter
 - Convenient 2-Wire lock power
 - Reader power
 - Auxiliary device power
- Small Enclosure
 - NetAXS 4 door control panel
 - 12 VDC battery backup
 - 16.5 VAC, 50 VA transformer
 - Standard enclosure

Web browser interface

- Internet Explorer
- Netscape Navigator
- Mozilla Firefox

NETAXS™ STANDALONE WEB CONFIGURATION



* Any NX4 panel can be configured as a Gateway Controller.

Additional Information

NETAXS™ HYBRID WEB CONFIGURATION

Hybrid System Features

- Local and remote managed access control
- WIN-PAK PC Hosted
 - Provides full featured access control through local software
 - Complete access control functionality
- Web Browser Interface
 - Remote system access to embedded NetAXS Web server
 - Remote monitoring and management
 - Full detail reporting
 - Manual door control
 - Input and output control

System Communications

- Multiple communication options
 - On-board Ethernet
 - Built-in RS485 (does not require N-485-PCI-2)
 - Built-in RS232

System Capacities

- 10,000 cardholders
- 25,000 events/buffers
- 4 readers, expandable up to 124
- 14 supervised inputs
 - Add up to 64 additional inputs
- 8 SPDT, relay outputs
 - Add up to 64 additional outputs
- Motorola Coldfire 32-bit processor
- Flash programming for firmware revision updates
- Dedicated panel tamper alarm and power fall
- Real time clock: Geographic time zone support
- Daylight Saving Time
- Temperature: 35-110° F (-2-43 °C)
- Humidity: 0 to 85% RHNC
- UL294 listing / CE Certification

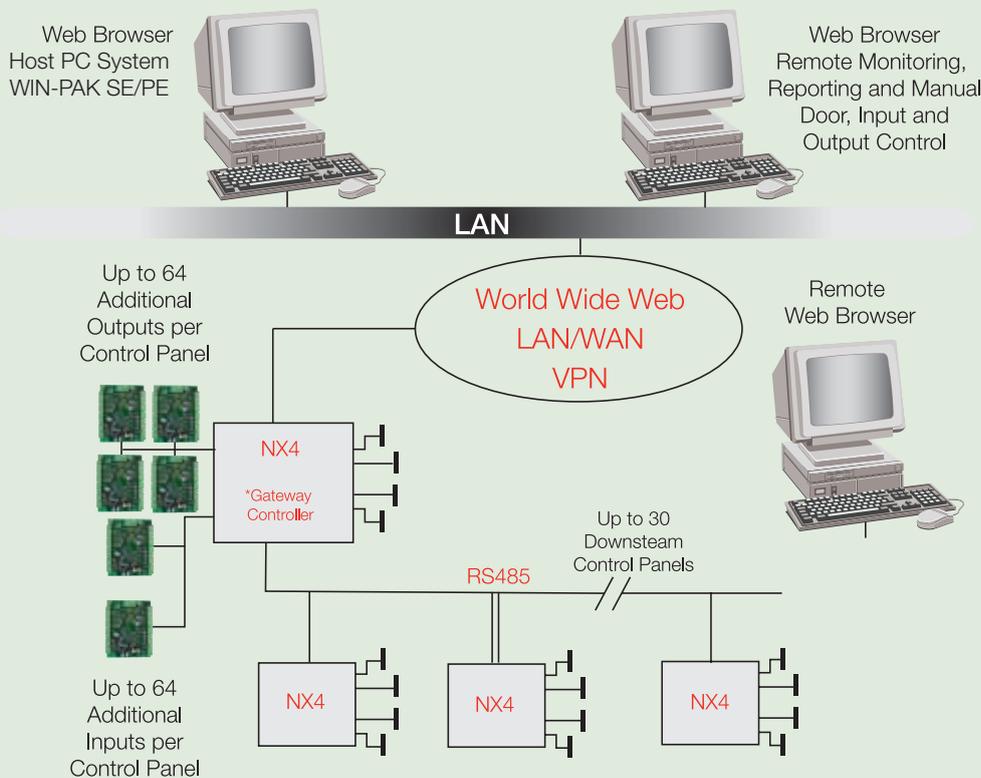
NetAXS Enclosure Options

- Large enclosure
 - NetAXS 4 door control panel
 - 24 VDC, 6 A power supply
 - Distributed relay board
 - 24V battery backup
 - Noise suppression filter
 - Convenient 2-wire lock power
 - Reader power
 - Auxiliary device power
- Small enclosure
 - NetAXS 4 door control panel
 - 12 VDC battery backup
 - 16.5 VAC, 50 VA transformer
 - Standard enclosure

Web Browser Interface

- Internet Explorer
- Netscape Navigator
- Mozilla Firefox

NETAXS™ HYBRID WEB CONFIGURATION



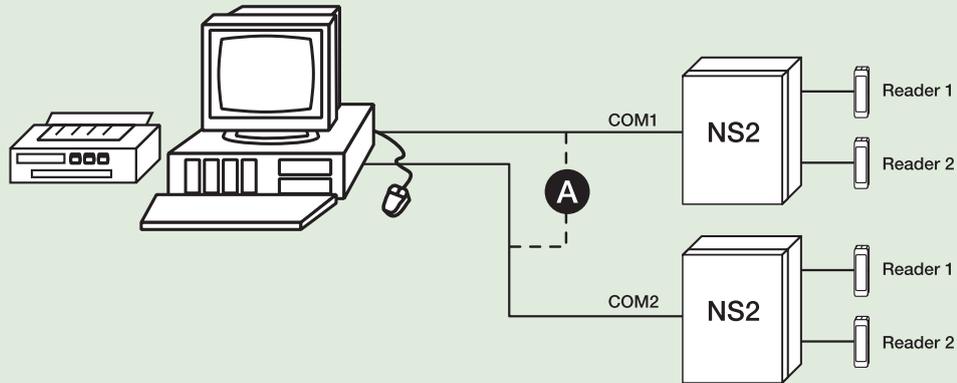
* Any NX4 panel can be configured as a Gateway Controller.

Additional Information

NSTAR / NS2 CONFIGURATION

NSTAR SERIAL COMMUNICATION

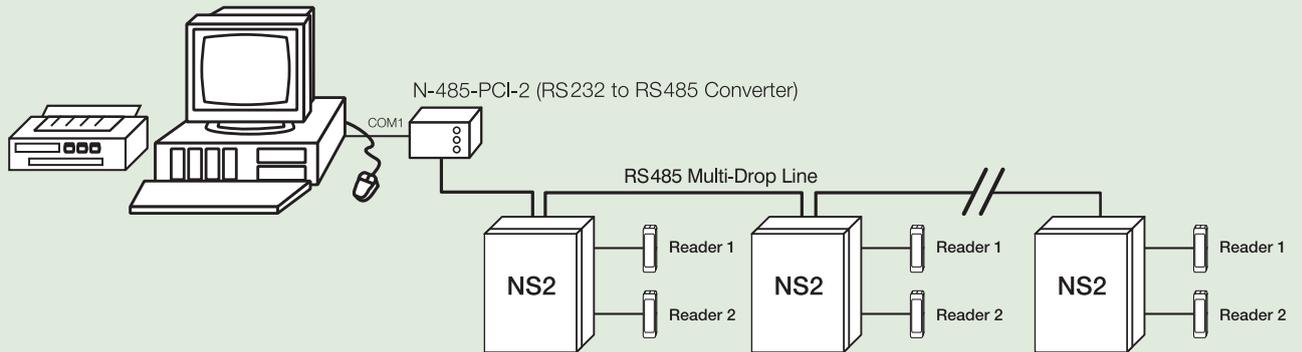
Standard configuration uses two communication ports. Control one NS2 control panel per communication port.



A Part #CBL50 - RS-232 50' Serial Cable

NSTAR RS485 COMMUNICATION

Standard configuration uses two communication ports for two loops. Control 31 NS2 control panels per loop, 62 NS2 panels total.

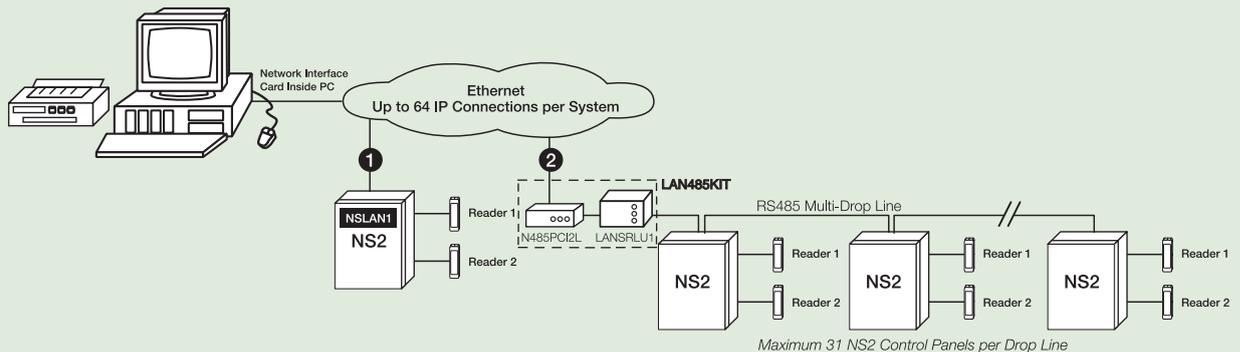


Maximum 31 NS2 Control Panels per Drop Line
Add Second COM Port and RS485 Interface for Additional 31 NS2 Control Panels

NSTAR ETHERNET COMMUNICATION

Where one NS2 panel is used per IP loop, communicate via optional on-board Ethernet interface (NSLAN1). One NS2 per NSLAN1.
Where multiple NS2 panels are required per IP loop, communicate using RS485 communications (N485PCI2L & LANSRLU1).

- 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 RS485 communications (N485PCI2L & LANSRLU1).

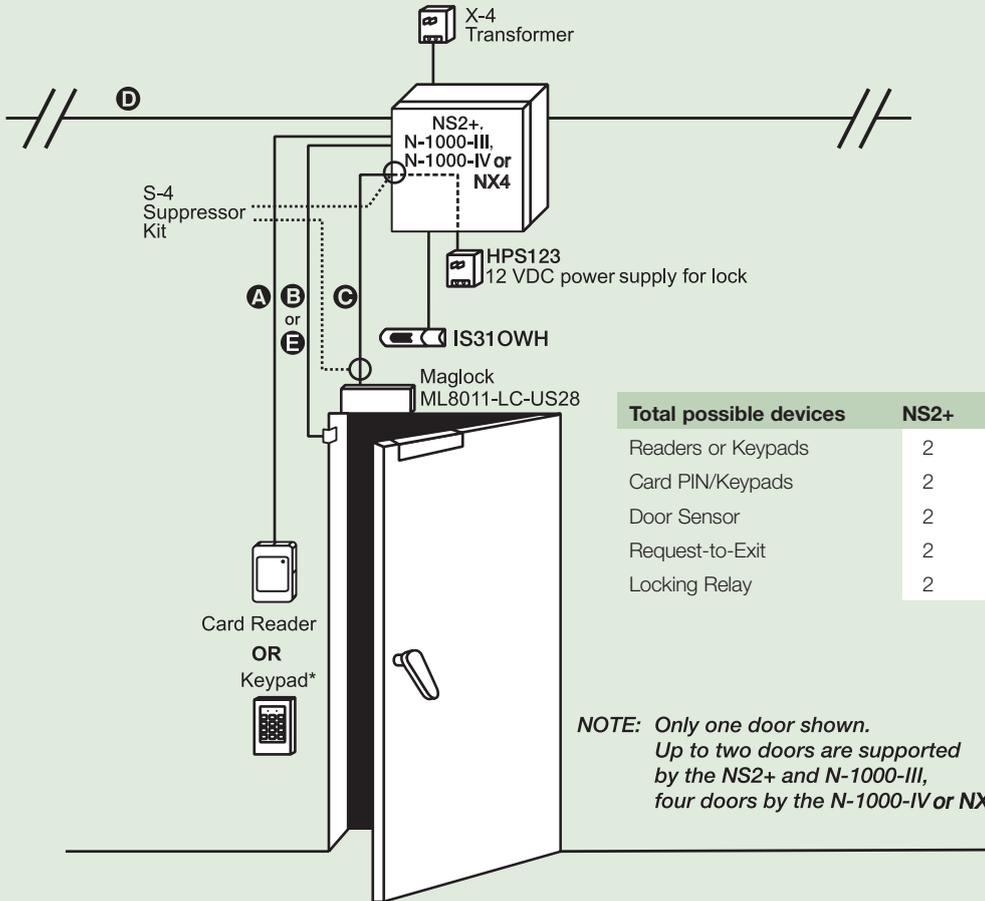


Maximum 31 NS2 Control Panels per Drop Line

Additional Information

CONTROLLER CONFIGURATION

CONTROLLER CONFIGURATION



Total possible devices	NS2+	N-1000-III	N-1000-IV	NX4
Readers or Keypads	2	2	4	4
Card PIN/Keypads	2	2	2	4
Door Sensor	2	2	4	4
Request-to-Exit	2	2	4	4
Locking Relay	2	2	4	4

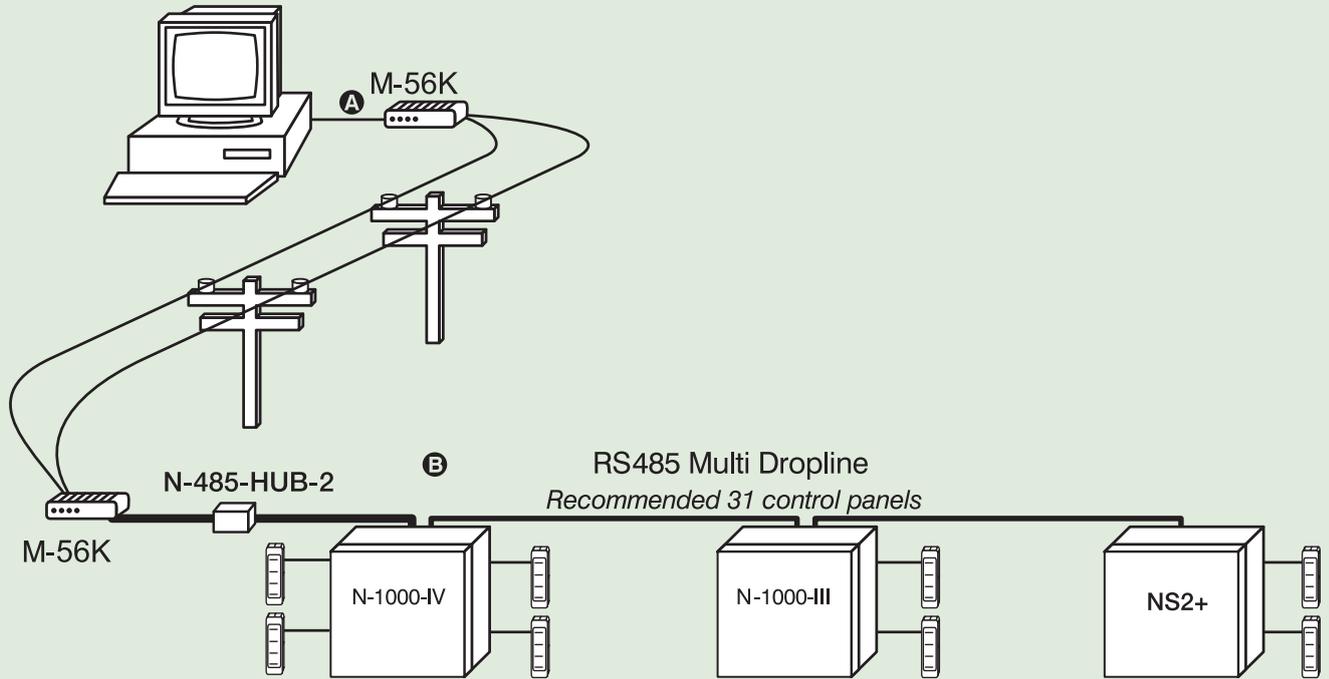
NOTE: Only one door shown.
Up to two doors are supported by the NS2+ and N-1000-III, four doors by the N-1000-IV or NX4.

LOCATION	WIRE TYPE	NON-PLENUM CABLE PART NUMBER	PLENUM CABLE PART NUMBER	DISTANCE RATING
A Control panel to card reader	6 conductor, 18 AWG (0.75 mm) shielded	NC1861-BL	NCP1861-BL	500'
B Control panel to exit device/alarm point	twisted pair, 22 AWG shielded	NC2221-BR	NCP2221-BR	2,000'
C Door power cable	twisted pair, 18 AWG shielded	NC1821-OR	NCP1821-OR	2,000'
D RS485 communications	4 conductor, 24 AWG	NC2441-TN	NCP2441-TN	4,000'
E PIR status & power	4 conductor, 18 AWG	NC1841-GY	NCP1841-GY	2,000'
* For keypads with NS2+	6 conductor, 18 AWG (0.75 mm) 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, 18 AWG shielded	NC18121-YL	NCP18121-YL	500'

Additional Information

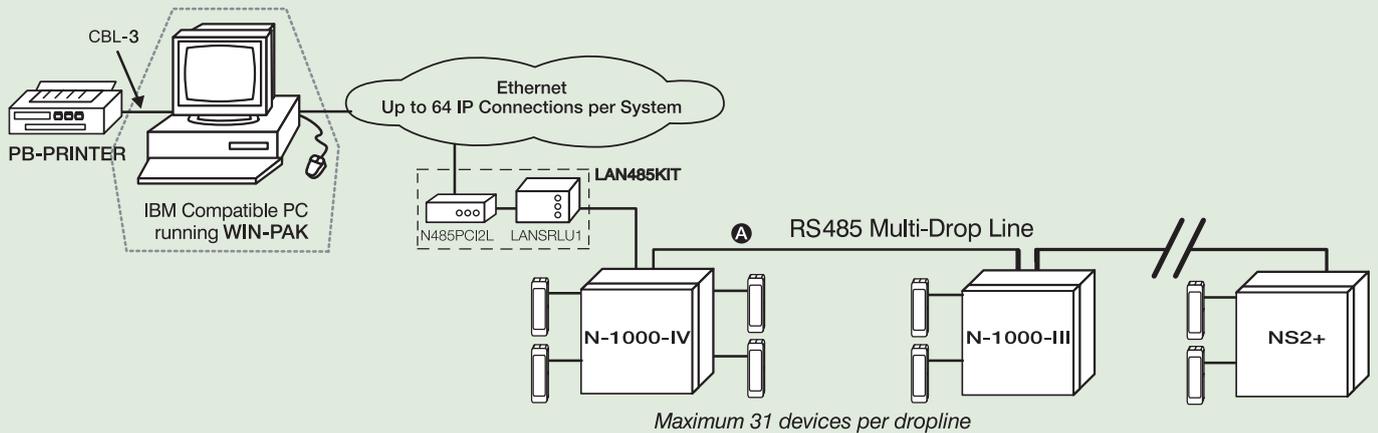
WIN-PAK® REMOTE SITE CONFIGURATION

M-56K CONFIGURATION - DIAL UP



ETHERNET TO RS485 COMMUNICATIONS

Standard configuration uses two communication ports for two loops. Control 31 control panels per loop, 62 panels total.



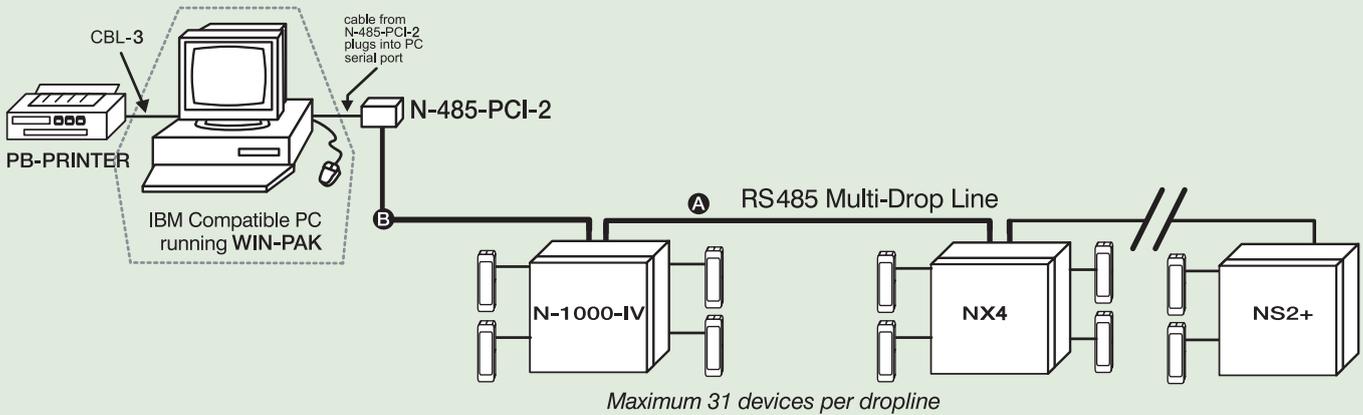
LOCATION	WIRE TYPE	NON-PLENUM CABLE PART NUMBER	PLENUM CABLE PART NUMBER	DISTANCE RATING	
A	N-485 dropline cable	120 ohm, 20.3 pF twisted pair shielded	NC2441-TN	NCP2441-TN	4,000' total

Additional Information

WIN-PAK® LOCAL SITE ACCESS

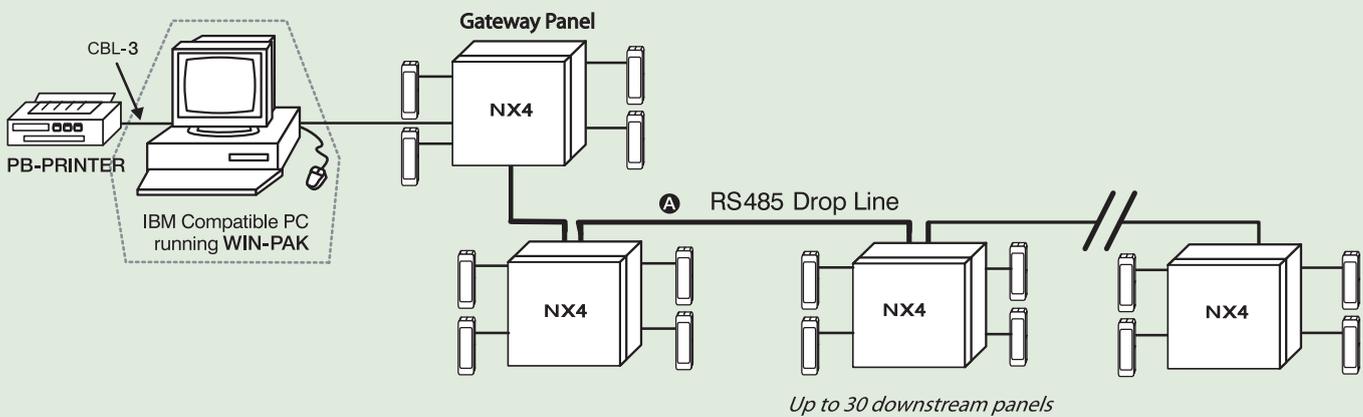
RS485 COMMUNICATION LEGACY

Standard configuration uses 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 N-485 dropline cable	120 ohm, 20.3 pF twisted pair shielded	NC2441-TN	NCP2441-TN	4,000' total

RS485 COMMUNICATION NETAXS



*Any NX4 panel can be configured as a Gateway Controller.

LOCATION	WIRE TYPE	NON-PLENUM CABLE PART NUMBER	PLENUM CABLE PART NUMBER	DISTANCE RATING
A N-485 dropline cable	120 ohm, 20.3 pF twisted pair shielded	NC2441-TN	NCP2441-TN	4,000' total