Enterprise class access control solutions

From our full-featured software, CardAccess 3000, CCTV, DVRs, badging to blazing fast controllers, Continental has been at the forefront in enterprise class access control and security since 1961. Step into the world of Continental Access.

Continental Access

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CardAccess 3000: one system fits all

Full-featured enterprise class access control software

A scalable solution from stand-alone entry level through networked world-class enterprise systems

The CardAccess® 3000 Software (CA3000) is a full-featured Access Control software package that has been designed to take advantage of cutting edge technologies to provide Access Control solutions from stand-alone entry level through networked world-class enterprise systems. The scalable architecture and flexibility of the CA3000 software provides you with a system that utilizes secure MSDE/MSSQL technology and open database information sharing with CA ExchangeDB Import and Export features. This robust enterprise software provides an easy to use and easy to implement solution for any size facility.

The interoperability of the CardAccess 3000 software provides all the functions needed in today's ever more stringent security environment.

CardAccess 3000 software provides a seamless integrated interface for:

- access control
- alarm monitoring
- DVR/NVR interface
- visitor management control
- time and attendance and payroll functions
- photo badging, import/export utilities
- email and SMS notification
- NAPCO Gemini alarm panel interface
- open API support
- threat level management
- dynamic map control
- FIPS 201 PIV badge support

CardAccess 3000: Complete facilities and security

Access control – Continental's hardware is known worldwide for its reliability and flexibility with a proven track record of over 40 years of service. CardAccess 3000 software provides the integration necessary to bring all of your security subsystems together into one easy to use graphical interface.

CA DVR – DVR/NVR Interface

CA3000 software provides a direct interface with individual analog and digital cameras and also interfaces with nearly unlimited numbers of analog, digital and IP cameras and DVRs/NVRs from multiple DVR and NVR suppliers. Features include: Triggering of pre and post recording, viewing of live and recorded video associated with an event, indication of recording on CA3000 event screen, one click viewing of recorded video from the CA3000 event screen and displaying motion triggered recoding as an alarm event on the event screen.

CA Visit – Visitor Management Control

Interface that provides the ability to scan a person's driver license, passport and business card and automatically enroll the person into CardAccess 3000, print their badge, and provide precise visitor access privileges to specified areas.

CA Timekeeper –
Time and Attendance/Payroll Functions

Track and report In and Out card reads for specific cardholders or groups of cardholders. Establish work rules, adjust payroll hours (administrators), create reports and export to payroll processing companies.

CA Mail – Email and SMS Notification

Users can setup priority alarms to be routed to an email or SMS service. This feature can be activated with a time schedule so you are only notified when you are away from the system.

CA Badging3000 – Photo Badging

Enables users to easily capture employee images, add custom text and images, create custom card layouts and print ID cards or credentials with magnetic stripes, barcodes, smart chips and/or holographic images. Supports most common image capture devices. And, badge template designer features advanced WYSIWIG virtual badge viewer.

CA ExchangeDB – Import / Export Utilities

Provides data exchange of badge and personnel data, export of time and attendance data, import-export of photos for an open exchange between ERP (Human Resources and Corp IT management) and other database systems, which support import/export (e.g. Oracle).

CA Threat Level Management

Five states of threat level management, enables managers to more quickly react to present threats, by instantly deactivating access privileges, by badge, or by whole badgeholder groups, literally with a mouse click: Fourteen assignable threat level groups; color-coded levels; each group independently controlled; batch enrollment of all badgeholders.

NAPCO Gemini Alarm Panel Interface (Gemini P3200, P9600& X255)

Provides an interface between access control, alarm and video systems. The addition of the optional Napco Gemini interface will allow user-specified Gemini alarm events to be displayed on the CA3000 alert/event grids. It also allows alarm areas to be disarmed/armed by a CA3000 operator or by a card reader. An alarm event can trigger automatic locking/unlocking of doors and trigger presentation of live video and pre and post video recording. Also, if the system is armed, only personnel authorized to disarm the Gemini alarm system will be granted access.

CA InterAccess - Open API Support

Provides third party custom application integration allowing for infinite possibilities, as relates to current or future system functionality with CardAccess. (An API is a set of routines, protocols, and tools for integrating external software applications.)

Advantages and Benefits
- Vehicle tracking
- Flexible reporting capability including muster report
- Elevator control
- Foreign language support (including right to left support)
- Easy upgrade path for Sensormatic AC500 systems
- Graphical floorplan maps
- Unlimited system operators
- Advanced scripting service
- Custom alert sounds

Server and Database
- Server OS: Windows 2000/XP Pro/Windows 2003
- Database: Microsoft SQL Server & MSDE
- Redundant server support
- Additional communication server support
- TCP/IP communication to controllers

Access Control
- Unlimited cardholder database (SQL)
- Database partitioning
- Over 210,000 cardholders per panel
- Transaction storage limited only to hard drive size
- 30,000 access groups
- 5 Holiday Calendars with 100 holidays each
- Over 12,000 readers per location
- Over 112,000 relay outputs per location

Alarm Monitoring
- Over 124,000 supervised alarm inputs per location
- Photo recall and/or video pop up on alarm
- Custom sound files per alert
- Color coding of priority events
- Single acknowledge or acknowledge all capability

Reader Technology Support
- Biometric
- Smart Card
- Proximity
- Wiegand
- X-Y matrix keypad
- Barcode
- Magnetic stripe

The configuration used for the per location capacities include CA3000 SQL software, Turbo Superterm panels and two secondary com servers.

CardAccess 3000: Napco integration

CA3NAPX Gemini Alarm Panel Interface

The Continental Access/NAPCO Integration solution provides seamless integration with the CardAccess® CA3000 V2.0 & higher software and the NAPCO Gemini Series of alarm panels. By combining the power of the Continental's CA3000 Access Control System and the NAPCO 32 to 255 zone Gemini GEM-P3200, GEM-P9600 or GEM-X255 Alarm Panels, the user can combine all of their alarm events into one, easy-to-use, CardAccess GUI

Events
• NAPCO alarms are routed, by priority, directly to the CA3000 Event/Pending Alert screen in real time for central station-like monitoring capability.

• Direct, immediate alarm reporting on one centralized user interface.
• Faster dispatch on alarm, to pinpointed locations, by internal or external security patrols/staff.
• Trigger DVR recording upon any NAPCO alarm. Watch video for any NAPCO panel event.
• Email or pager notification of alerts.
• Track alarm panel arm & disarm activity by user/cardholder.

Arming & Disarming
• Cardholders can be setup to arm or disarm the NAPCO panel or area at any CA3000 access reader.
• Any of the access control reader technologies (biometric, proximity, magstripe, etc..) available to the CA3000 system can be utilized to perform this function.
• Built-in manual control interface for arming or disarming with a click of the mouse.
• Notifies the user at the reader level whether a Napco area is ready for arming, armed or disarmed.**
• CA3000 has complete manual override capability to arm or disarm NAPCO panels.

Communication
• Choice of communications protocol between the Napco panels and the Continental CA3000 software: RS232 cable, or 100', using CAT5 cable, with the GEM-RS232KIT.
• GEM-RS232KIT provides a direct-connect from the PC to the Napco Alarm Panel.
• For longer distance communications, or for installations with multiple Napco panels, a Napco NetLinkTM TCP/IP Module (NL-MOD) is available. The Napco NetLink option provides added flexibility since the panel(s) can be installed anywhere there is a network connection—in the next room or the next town.

Features and innovations coming in 2008

Dynamic Maps

The CA3000 map functions have been expanded for additional interactivity and integration features. The new CA3000 Dynamic Maps provide a choice of viewing the system from the CA3000 Event Grids or the map view.

From the map view you can see high priority alerts as text and acknowledge those alerts as you would from the CA3000 grid controls. All devices in the CA3000 system can be seen and checked from the dynamic map for status, such as doors status and system relays, readers and input status. Additionally, right-click functions are available on all devices for operations like manual control of doors and relay devices. The new Dynamic Maps are also integrated with all CA3000 supported DVRs. You can view live video from any camera on the map or replay recorded video. High priority system alerts can automatically display the associated video in a window beside the displayed map.

Comprehensive Cross Time Zone Support

The CA3000 system has been expanded for more user-friendly cross time zone support to allow various facilities in different time regions to see their events, as well as events from other facilities, based on the local time setting. Panel configurations are expanded to allow assignment of a panel to a particular time zone and each CA3000 workstation can view events based on either the local Windows time setting or the absolute time of the event.

Web Client

The new CardAccess 3000 Web Client provides remote access to CA3000 from your Windows Internet Explorer browser. Functions available through the Web Client include personnel administration for adding, deleting, or modifying card records; manual

control of all devices defined in the CA3000 system allowing for remote locking or unlocking of doors and relay activation for devices for facility control; full hardware configuration of CA3000 panels, readers, relays and inputs to aid in remote setup and system support; and the major CA3000 reports including event reports, time & attendance reports, badge report and an in-list report.

Central Station Reporting

The CA3000 software can now report alarm inputs to a central station over an ethernet connection. The alarms will be transmitted utilizing the NAPCO Netlink receiver protocol. Alarm inputs can be configured for optional reporting to the NetLink receiver in addition to the CA3000 system alert grid.

Additional CA3000 v2.6 and v2.7 Features and Support

Other new CA3000 software features includes a more user friendly archiving service. This service eliminates the need for the host CA3000 GUI to be active for archiving, for a more secure environment. Additionally, future CA3000 software provides full compatibility with Windows Vista OS.

CardAccess 3000: Configuration guide

Server Configuration:

	Server (1-5 Workstations)*	Server (6-20 Workstations)*	Server (21-50 Workstations)*
Processor	Pentium 4 2.8Ghz or higher	Intel Xeon 3.20Ghz (Dual Recommended)	Dual Intel Xeon 3.60Ghz
Ram	512MB	1.5 GB DDR2 SDRAM	2GB (4GB recommended)
Hard Drive	80 GB (SCSI recommended)	160GB Serial ATA or SCSI	Raid 5 - 3 drives minimum
USB Ports	2	2	2
Serial Ports	1 expandable to 64	1 expandable to 128	1 expandable to 128
Parallel Ports	1	1	1
Mouse	2 button PS2	2 button PS2	2 button PS2
Monitor	17" SVGA (1024x768)	17" flat panel	17" flat panel
CD/DVDROM	48x/16x	48x/16x	48x/16x
CDRW/DVDR	24x/8x	24x/8x	24x/8x
Sound	Req. for custom event sound	Req. for custom event sound	Req. for custom event sound
Network Card	100 Mb NIC Ethernet	10/100/1000 Mb NIC Ethernet	10/100/1000 Mb NIC Ethernet
Operating System	Microsoft Windows 2000 Professional, Server or Advanced Server w/SP4; Win XP Pro w/SP2, or Win 2003	Microsoft Windows 2000 Professional, Server or Advanced Server w/SP4; Win XP Pro w/SP2, or Win 2003	Microsoft Windows 2000 Professional, Server or Advanced Server w/SP4; Win XP Pro w/SP2, or Win 2003
Database	MSDE Standard or SQL Server 2005 for higher Performance	MS SQL Server 2005 Recommended	MS SQL Server 2005 Required

* For system requiring more than 1 Com Server, that include more than 256 panels or exceed 50 workstations, please consult your local sales representative or Continental Customer Service.
Note: Hard drive size dependent on database size and number of transactions in archive database.
Recommendation: Ideally, all optional software including, but not limited to, CA-Badging3000, CA-DVR, CA-Visit, CA-Napco & CA-Script should be run on a workstation.

Workstation Configuration:

	Workstation-Event Viewing Only	Workstation-Event Viewing+Badging	Workstation-Event Viewing +DVR and/or Napco/Scripting
Processor	Pentium 4 2.40Ghz	Pentium 4 2.80Ghz	Pentium 4 2.80Ghz
Ram	256 MB	512 MB	1GB
Hard Drive	40Gb	80Gb	80Gb
USB Ports	1	2	2
Serial Ports	N/A	N/A	N/A
Parallel Ports	1	1	1
Mouse	2 button PS2	2 button PS2	2 button PS2
Monitor	17" flat panel	17" flat panel	17" flat panel
CD/DVDROM	48x/16x	48x/16x	48x/16x
CDRW/DVDR	24x/4x Optional	24x/4x Optional	24x/4x Optional
Sound	Req. for custom event sound	Req. for custom event sound	Req. for custom event sound
Network Card	100 NIC Ethernet	100 NIC Ethernet	100 NIC Ethernet
Supported OS	Microsoft Windows 2000 Professional or Server w/SP4, Win XP Pro w/SP2, or Win 2003	Microsoft Windows 2000 Professional or Server w/SP4, Win XP Pro w/SP2, or Win 2003	Microsoft Windows 2000 Professional or Server w/SP4, Win XP Pro w/SP2, or Win 2003

CICA3SERVPC	Card Access 3000 server, PC only - includes 17" SVGA monitor, keyboard and mouse.

Note: All software configurations are available, pre-loaded on CA3000 recommended hardware. Contact Continental for more information.

CICA3WSPC	Card Access 3000 workstations, PC only - includes 17" SVGA monitor, keyboard and mouse.

Continental reserves the right to change or discontinue part numbers at any time.

Common Configurations:

CA32501U	CA3000 v2.3 Single User Software. Includes CardAccess 3000 file server software and MSDE Database with a USB security key.
CA32505S	CA3000 v2.5 Software, supporting up to 5 Users. Includes CardAccess 3000 file server software and MSDE Database (MS SQL 2000 recommended for larger databases and higher performance) with a software security key.
CA32510S	CA3000 v2.5 Software, supporting up to 10 Users. Includes CardAccess 3000 file server software (MS SQL 2000 required - not included with CA3000) with a software security key.
CA32525S	CA3000 v2.5 Software, supporting up to 25 Users. Includes CardAccess 3000 file server software (MS SQL 2000 required - not included with CA3000) with a software security key.

Additional Software Options:

CA32501U110000	1 user (USB key) CA3000 v2.5 base software with 1 Integral DVR/NVR Server.
CA32505S002000	5 user (Software key) CA3000 v2.5 base software with 2 Secondary Com Servers.
CA32510S000510	10 user (Software key) CA3000 v2.5 base software with 5 Napco Alarm Integration Servers and the CA InterAccess API.
CA32625S250001	25 user (Software key) CA3000 v2.6 base software with 5 Salient DVR/NVR Servers and CA TimeKeeper component.
CA32605S000002	5 user (Software key) CA3000 v2.6 base software with CA Visit component.
CA32510S172413	10 user (Software key) CA3000 v2.5 base software with 7 Integral DVR/NVR Servers, 2 Secondary Com Servers, 4 Napco Alarm Integration Servers, the CA InterAccess API, CA TimeKeeper, and CA Visit.
EPISOFT	CA3000 Badging software key.

The Continental Access DVR Integration solution provides seamless integration with our own Continental CAView 1000 Series and Integral Technologies DVR product line. By combining the power of the Continental Access CA3000 Version 2 Access Control System and state-of-the art DVR products, real-time video can be automatically associated to any alarm event from a reader, input or Napco zone in the CardAccess system. Then, from any CardAccess workstation, the operator can instantly retrieve recorded video associated with the event with a simple click of an icon.

The recorded video window has a play button, stop button and a scroll bar for simple VCR-like control. When the recorded video window is on display, the occurrence of a new event will replace the recorded video display with the recorded video of the newly occurred event.

In addition, the user may monitor live video from either 4 or 9 cameras simultaneously directly from the CA3000 GUI.* The user may also remotely search for recorded video from 1, to as many as 99, DVR servers on the network by using the CA3000 integrated search feature. Other CA3000 DVR Integration features include: Remote 4/9 camera viewing, video picture enhancement, PTZ control*, camera preset recall**, zoom**, focus**and Iris Control**. (**Camera must support these functions)

The CA3000 software communicates with any supported DVR server on the network via TCI/IP protocol. All DVR servers are time-synchronized with the CA3000 server. So no matter where the video is being stored, across the street or across the country, CA3000 can find it.

- **Video Event Notification** Custom icon displays in the CA3000 whenever there is video associated with an event or alarm
- **Motion Event Recording** Camera starts to record on motion in an area
- **Alarm Recording** Setup events from the CA3000 to trigger camera recording
- **Recording Notification Event** Notifies the user through the CA3000 GUI when a camera starts recording due to motion or alarm
- **Audio Inputs** Allows monitoring and recording **of up to** 4 audio devices
- **4/9 Video View** Monitor 4 or 9 cameras* from different DVR's simultaneously from the CA3000 GUI
- **PTZ Control** Pan, Tilt & Zoom control from the CA3000 GUI (camera must be capable of these functions)
- **Recorded Video Search** Search for recorded video directly from the CA3000 GUI.
- **TCP/IP Communication** The CA3000 uses reliable TCP/IP communication to all DVR Servers on the network
- **User Setup** Video monitoring is controlled and limited by a user name and password.
- **Preset Control** Setup and run custom camera presets directly for the CA3000 GUI.
- **IP Camera Support***** Connect to IP cameras on your network

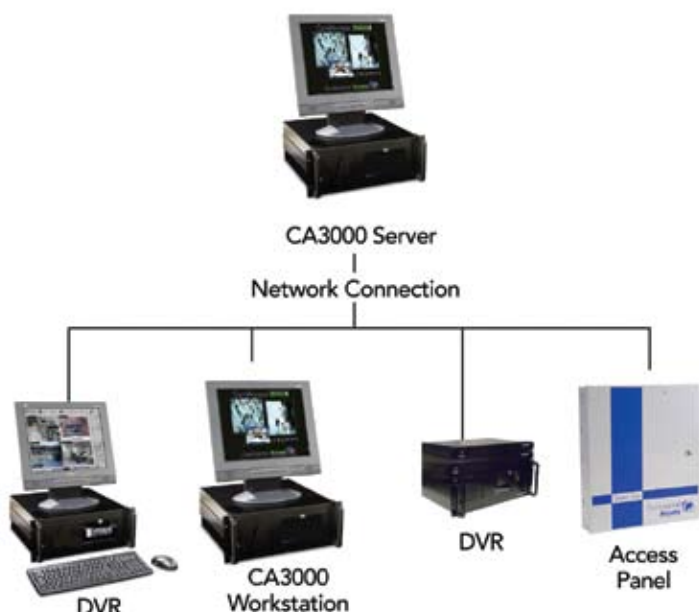   *Dependent on DVR system manufacturer.

digital video solution

Multiple Systems

A single CA3000 Workstation with the DVR Interface can connect to multiple DVR systems. A user can display, search, and playback video simultaneously across multiple DVR systems. Users with administrative privileges can even access powerful administrative functions remotely. Watch all your storefronts simultaneously or play back video of exit patterns for a shopping mall consisting of cameras connected across several DVR systems.

CA3000 Server

Network Connection

DVR CA3000 Workstation DVR Access Panel

EVENT VIDEO PLAYBACK

QUAD-VIEW

REMOTE SEARCH

LIVE REMOTE-VIEW

New CAView 1000 Series DVR/NVR s

Continental CAView 1000 Series DVRs/NVRs are dual-core Pentium4 CPU based systems with a DVD-Recordable drive, Gigabit Ethernet interface and 1.0GB of system memory standard on every system and support a total of 32 IP/Video sources. Each system comes in a 19" rack mountable chassis and include a sliding rail kit. Fixed internal storage is available in capacities up to 2.25TB.

Note: Add IP camera licenses up to a total (Analog + IP) of 32 video sources.

Description	
CA1004-0250	Continental CAView 4-channel analog, 250GB
CA1004-0500	Continental CAView 4-channel analog, 500GB
CA1004-0800	Continental CAView 4-channel analog, 800GB
CA1004-1000	Continental CAView 4-channel analog, 1.0TB
CA1008-0250	Continental CAView 8-channel analog, 250GB
CA1008-0500	Continental CAView 8-channel analog, 500GB
CA1008-0800	Continental CAView 8-channel analog, 800GB
CA1008-1000	Continental CAView 8-channel analog, 1.0TB
CA1012-0250	Continental CAView 12-channel analog, 250GB
CA1012-0500	Continental CAView 12-channel analog, 500GB
CA1012-0800	Continental CAView 12-channel analog, 800GB
CA1012-1000	Continental CAView 12-channel analog, 1.0TB
CA1016-0500	Continental CAView 16-channel analog, 500GB
CA1016-0800	Continental CAView 16-channel analog, 800GB
CA1016-1000	Continental CAView 16-channel analog, 1.0TB
CA1016-1500	Continental CAView 16-channel analog, 1.5TB
CA1016-1500R5	Continental CAView 16-channel analog, 1.5TB RAID5
CA1016-2250R5	Continental CAView 16-channel analog, 2.25TB RAID5
CAView 1000 NVRs	Continental CAView 1000 Series DVRs/NVRs are dual-core Pentium4 CPU based systems with a DVD-Recordable drive, Gigabit Ethernet interface and 1.0GB of system memory standard on every system. Each system comes in a 19" rack mountable chassis and include a sliding rail kit. Fixed internal storage is available in capacities up to 2.25TB.
	Note: Supports up to 32 IP Camera Licenses.
CA1000-IP	Continental CAView One IP Camera License
CA1000-AUD	Continental CAView One IP Audio License

Ask your regional sales manager about RM1200, RM1500 and RM1800 series

Badging 3000: Complete badging solution

Optional Badging3000 photo-badging package for Continental CA3000 software enables users to easily capture employee images, add custom text and images, create custom card layouts and print ID cards or credentials with magnetic stripes, barcodes, Smart chips and/or holographic images.*

The Badging3000 package is extremely flexible. Employee images can be captured remotely with a handheld digital camera, no need for special capture devices, imported into the PC. Or, photos can be directly captured via our point and click image station with badging printer, custom backgrounds, video camera and capture card. **

Continental Badging3000 also comes with many time saving features including a smart, face finding tool. This feature enables users to capture consistent photos every time by automatically cropping to the face portion of the photograph.

Badging3000 database management tools enable users to quickly view, retrieve and reprint cards.

Feature list:
• Drag-and-Drop WYSIWYG Badge template editor
• Desktop automated camera capture
• Context sensitive online help
• Integration with CA3000 SQL Database
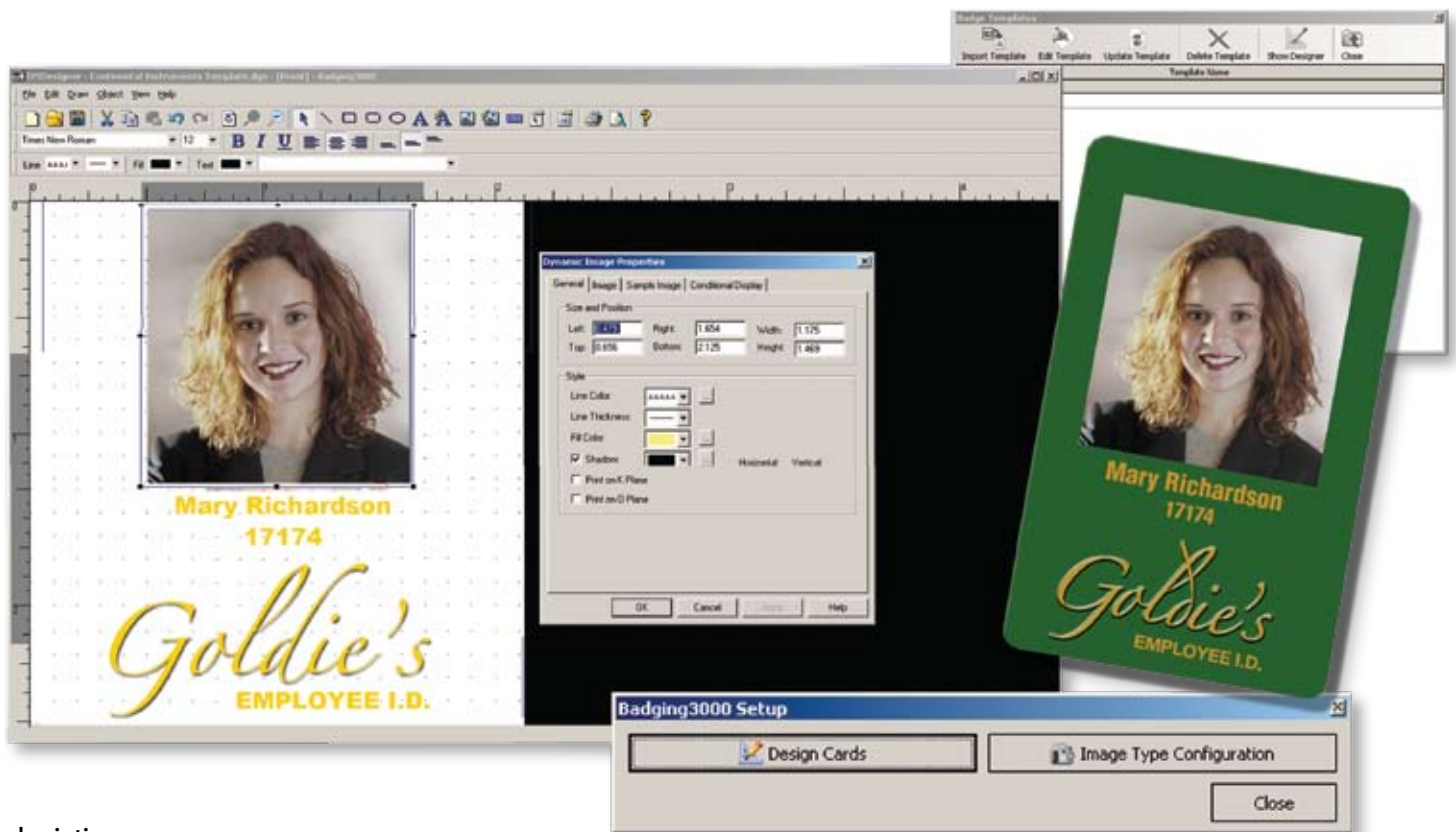• User defined badge templates

Printing
• Supports any Windows-compatible printer
• Prints both sides of a layout (duplex printing)
• Supports CMYK

Image Capture
• Face finding feature automatically locates a face within an image then centers, crops and stores it
• Supports capturing from file, AVI, TWAIN & WinTab point and click configuration of image capture devices
• Plug-in functionality according to plug-in driver capabilities

Image Support
• Supports most industry standard image file formats.
• Auto size static images to match size of object to physical size of image in header file
• Correct color and crop during image acquisition
• Adjust-by-example dialogs
• Special effects
• Red-eye removal
• Image enhancement
• Horizontal and vertical image mirroring option
• Print images with watermarks

Card printing

- Multiple alignment choices and duplex printing on cut-out sheets
- Point and click configuration of card printers and internal encoders
- Magnetic stripes can be encoded at print time
- Easily copy, cut and paste elements between multiple design windows
- Duplex printing with user-definable printing modes
- Select background color from standard and custom palettes
- Import all popular Windows image file formats
- Vertical text option
- Draw lines, rectangles, round rectangles & ellipses
- Create dynamic text objects including database fields and expressions
- Create drop shadows
- Apply predefined ghost effect to static and dynamic images
- User-definable fade or transparency levels with static and dynamic images
- Remove background pixels from static and dynamic images (close-cropping)
- Add barcodes with user-definable properties and values
- Unlimited user-definable image types
- Add static images with aspect ratio control
- Full True Type and ATM font support
- Supports all popular bar code types
- Supports Symbol® PDF417

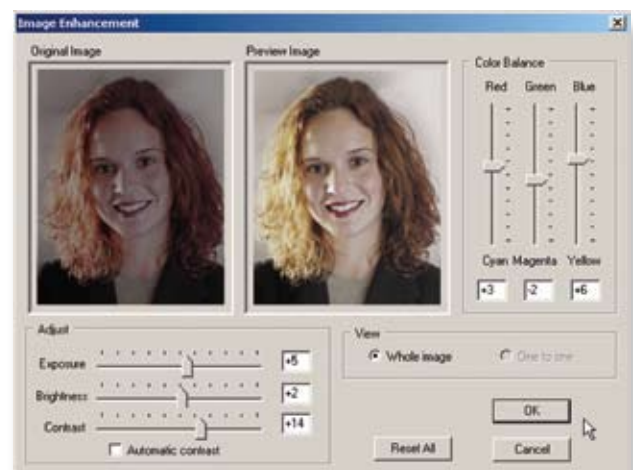*Special ordering may be required. ** Contact Continental Access for compatible capture cards

Ordering information for CA3000 Software with badging software & hardware (requires PC):

CICEBPDCP-1 Badging3000/CA30005U Package (A) – Still Digital

- **CA30005U** - CA3000 5 user software package with dongle CA30005U
- **Badging3000** - badging software for use with CA3000 V2.1 and higher.
- **CICD**-Still digital camera with software, stand/tripod
- **CICGP310i Printer** (Eltron P310i Dye Sublimation Color Card Printer ** (single-sided printing) and 1 printer ribbon. (Application note: Requires EPICANON to capture directly into CA3000.)

CICEFBPFCP-1 Badging3000/CA30005U Package (D) – Direct Capture

- **CA30005U** - CA3000 5 user software package with dongle
- **Badging 3000** - badging software for use with CA3000 V2.1 and higher.
- **EPICANON** - Canon plug-in
- **CICDC** - Digital camera with software, stand/tripod & power cord
- **CICGF44100 Fargo Printer** and 1 printer ribbon

Turbo Superterm: More speed, more power and

Turbo Superterm-8 is an expandable intelligent controller capable of supporting all access control functions for one to eight doors. This distributed processor-based panel will operate as a stand alone unit in the event server-communications are interrupted. The Turbo Superterm is programmed via Continental Access CardAccess® software, a Windows based access control and security management solution. Once programmed, the controller does not require continuous server communications, as it automatically stores system transactions in its internal memory. The Turbo Superterm's memory is field expandable, allowing for greater cardholder populations and/or a larger transaction buffer. The controller's Flash EPROM firmware is easily upgraded when additional features or system enhancements are required. Continental's controllers feature extensive multi-stage lightning/transient protection on-board for maximum reliability even in harsh environments.

Turbo Superterm-8 Capacities
- 40,000 cards standard (exp. to 210,000)
- 8 Five-wire, Wiegand output readers
- 8 Seven-wire X-Y Matrix type keypads
- 24 Supervised inputs
- 48 Additional inputs (Supervised)
- 17 Form C rated standard outputs at 3A@24VDC/VAC
- 48 Additional Form C rated outputs at 3A@24VDC/VAC
- 1000 Standard transaction buffer (exp. to 250,000)
- 256 Time schedules
- 30,000 Access groups
- 5x100 Holidays
- Reader Power 800mA@5VDC, 500mA@12VDC
- Battery Backup 4-6 hours included
- Enclosure Size 21.5"H x 21.25"W x 7"D, 48lbs.
- UL Listings Optional UL294, UL1076, CE

Note: *A maximum of 3 Expansion Boards in any combination may be added to the Turbo Superterm

ORDERING INFORMATION	
CICP1800T	Turbo Superterm Eight (8) reader Access Control processing panel (for use with CA3000) with up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Unit shipped complete in a steel enclosure including a 7AH battery standby for memory and system operation. Note: The Turbo Superterm advanced features will only function when running with CA3000 Software v2.0 and higher; with all other CardAccess windows-based software products, the Turbo will funciton as a standard Superterm. UL294 and CUL Listed.
CICP1800TEXP	Turbo Superterm with expanded power supply. Required if more than one relay expander board (CICP1800RB) is to be used.
CICP1800TPCB	Turbo Superterm Pc Board
CICP1400ULT	Turbo Superterm Four
	Four (4) reader Access Control processing panel with 20,000 card capacity 12 supervised alarm inputs, tamper alarm, 9 relay outputs. Unit shipped complete in a painted steel enclosure including 7 AH battery standby for system operation. UL294 and CUL Listed.
CICP1400ULTPCB	Turbo superterm four pc board
CICP1800MB2X2	Turbo/Superterm Memory Board - 2MB (up to 140,000 cardholders); two (2) of these units may be installed on a Turbo Superterm. One of these units may also be installed on a standard Superterm.
CICP1800RB	Relay Expander Board - 16 output relays, 8 alarm inputs
CICP1600AB	Alarm Expander Board (Supervised) - 16 alarm inputs UL Listed
CICPEXPPWS	Expanded Power Supply for Superterm or Turbo Superterm Only - (if more than one relay expander board is to be used, or if powering multiple 12VDC readers from the controller) This option may be field installed.

unmatched performance

Accelerator Board for Super family of Controllers

CICP18ACCBD

Smart-module that attaches to Superterm or Turbo Superterm family of controllers (excluding SuperTwo) and adds numerous functionality advantages. Accelerator supports FIPS 201 PIV badge formats.

Once attached, the accelerator board takes over all processing and memory duties from the original controller with a 32-bit microprocessor that executes a staggering 54MIPS (million instructions per second). It also adds an on-board LAN adapter for direct CAT-5 connection to a network with connection speeds in excess of 921Kbps. This is roughly fifty to seventy-five times faster than current download speeds.

Along with all of the speed advancements, memory capacity has also been substantially increased. The accelerator board comes standard with 4MB of on-board memory that is expandable to 20MB with the addition of two 8MB modules of industrial type SIMMS. These are user installable and optional. This gives the Super controllers equipped with an accelerator five times the memory capacity of a standard Superterm and the ability to store over one million cardholders on a single controller.

Performance improvements:

• Faster downloads
• Larger cardholder capacity
• Faster processing performance
• Built-in TCP/IP communication
• Simple installation

The accelerator board is yet another example of Continental's commitment to making existing equipment upgradeable to today's ever-expanding needs. Unlike other access control manufacturers, Continental does not obsolete equipment just because of a new software release. This translates into substantial cost savings in both equipment and labor.

Turbo Superterm HID Package

TURBO8HPK
Contains:
1 - **CICP1800T** Turbo SuperTerm Controller
8 - **CICR2364P** Proxpoint Readers
1 - **CA32505U** CA3000 Five User Software
100 - **CICC2321P** HID ProxCard II's

Turbo Superterm HID Iclass Package

TURBO8H-iPK
Contains:
1 - **CICP1800T** Turbo SuperTerm Controller
8 - **CICR10** iClass Readers
1 - **CA32505U** CA3000 Five User Software
100 - **CICC2080** iClass Clamshell Contactless Smart Card

Turbo Superterm Xceedid 13.56mhz Package

TURBO8XPK
Contains:
1 - **CICP1800T** Turbo SuperTerm Controller
8 - **CICRXF1060** Mini-Mullion 13.56MHz Readers
1 - **CA32505U** CA3000 Five User Software
100 - **CICCXC9440** XceedID ISO-X Clamshell Contactless Smart Card

SuperTwo: Expandable two door controller

SuperTwo 2 door intelligent controller
CICP1300

Super-Two is an expandable intelligent controller capable of supporting all access control functions for one or two doors. This distributed processor-based controller will operate as a standalone unit in the event communications with the server are interrupted. The Super-Two is programmed via Continental Access CardAccess® software Once programmed, the controller does not require continuous server communications, as it automatically stores systems transactions in its internal memory. The Super-Two's memory is field expandable, allowing for greater cardholder populations and/or a larger transaction buffer. The controller's Flash EPROM firmware is easily upgraded when additional features or system enhancements are required. All Continental Instruments' controllers feature extensive multi-stage lightning/transient protection on-board for maximum reliability, even in harsh environments. The Super-Two accepts industry standard Weigand output devices and supports virtually all card/reader technologies. Proximity, Smart, Biometric, Magnetic Stripe, Barcode, Weigand and Keypad readers are easily connected and controlled. The Super-Two can store multiple (up to 10) card bit formats in its internal memory, making it a cost-effective retrofit panel. Supporting multiple bit formats allows existing card populations and readers to remain in place when upgrading to the Super-Two controller.

- 20,000 Cards standard (expandable to 125,000)
- 2 Readers (Weigand output)
- Support for 2 Weigand keypads or X-Y matrix (optional interface required)
- Simultaneous support for 2 Weigand readers plus 2 Weigand keypads or 2 X-Y matrix keypads
- X-Y matrix keypad interface optional (required for X-Y matrix Keypads)
- Standard Memory 512KB (upgradeable)
- 2 MB memory expansion optional (CIC P1300XYB2)
- Optional 10-100 base T network interface plug-in (CICE-PNETBD)
- 8 Supervised inputs
- 48 Additional expanded inputs (supervised)
- 5 Form C rated standard outputs at 2.5A@24VDC/VAC
- 48 Additional Form C rated expanded outputs at 3A@24VDC/VAC
- Transaction buffer 1000 standard (expandable to145,000)
- 255 Time schedules
- 1,000 Access groups
- 100 Holidays
- Power Input 120VAC/60Hz to 230VAC/50Hz
- Power per reader 100mA@5VDC, 200mA@12VDC
- Accessory Power 1.2A@12VDC available for powering strikes,mag-locks and other accessories
- Battery Backup 7AH 4-6 hours (included)
- Enclosure Size 20"H x 16" Wand 3.5" D, 23 lbs.
- UL 294, CSA C22.2

SuperTwo I/O Expander

Overview

The Continental Access Super-Two I/O Combo Supervised Alarm/ Relay Expander is designed to expand the capability of the Super-Two Access Control panel. Each I/O board allows for an additional 16 supervised alarm inputs and 16 Form C Relay outputs. The user may add a maximum of three (3) additional I/O boards per Super-Two.

I/O Combo Standard Features

- 16 Supervised Alarm Inputs per board
- 16 Relay Outputs per board
- LED Status Indicators
- Auto-switching Power Supply
- 12V Accessory Power
- Battery Powered Backup
- Battery Charger
- The Super-Two I/O Combo version comes equipped with everything you need for plug-n-play operation including an auto-switching power supply, 7aH Battery and battery charger.
- The battery charger provides open-collector outputs for AC Fail & 12V Fail notification as well as both fast and trickle charge of the battery.
- The power supply provides automatic switching between 120V & 240V for use in both North America and Europe.
- The I/O expander board provides LED status feedback for 12V power, relay activation, input status and overall board health.
- The board also comes standard with an Accessory Power Out circuit that provides battery-backed 12V DC power for accessory equipment such as sounding devices, REX sensors, door strikes, etc...

Simplified Connectivity

The I/O Expander connects to the Super-Two via a three-foot RJ-12 communication cable (supplied).

Additional Expandability

The Super-Two I/O Combo allows for growing expansion (see figure on back). In order to reach the maximum number of relay outputs and alarm inputs one need to add an additional Expander board to the Combo enclosure. The board would be powered from the same power supply and comes with the necessary RJ-12 communication cable. Next, a third Expander board and additional enclosure would need to be added to the system. Once again the board is powered from the same power supply in the Combo enclosure and comes with the RJ-12 communication cable.This combination allows for control of an additional 48 (56 total) supervised alarm inputs and 48 (52 total) relay outputs per Super-Two.

SuperTwo HID iClass Package

SUPER2H-iPK

Contains:
1 - **CICP1300** SuperTwo Controller
2 - **CICR10** iClass Readers
1 - **CA32505U** CA3000 Five User Software
50 - **CICC2080** iClass Clamshell Contactless Smart Card

SuperTwo XceedID 13.56MHz Package

SUPER2XPK

Contains:
1 - **CICP1300** SuperTwo Controller
2 - **CICRXF1060** Mini-Mullion 13.56MHz Readers
1 - **CA32505U** CA3000 Five User Software
50 - **CICCX9440** XceedID ISO-X Clamshell Contactless Smart Card

SuperTwo HID Package

SUPER2HPK

Contains:
1 - **CICP1300** SuperTwo Controller
2 - **CICR2364P** Proxpoint Readers
1 - **CA32505U** CA3000 Five User Software
50 - **CICC2321**P HID ProxCard II's

SUPERTWO OPTIONS	
CICP1300	Two (2) reader processing panel (for use with CA3000 V 2.0.25 and above) 512K memory standard upgradable to 2.5M total memory capacity with up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 Relay outputs. Support for on-board LAN adapter, 57.6Kps, 6 Access Groups per card-holder Unit shipped complete in a lockable steel enclosure including battery standby for memory and system operation UL294 and CUL Listed.
CICP1300BD	Same as above-Circuit Board Only
CICP1300XYBD	X-Y MATRIX INTERFACE BOARD Optional interface when using 7-wire X-Y matrix keypads with the Super-two (not required for keypad with wiegand output)
CICP1300MB2	2MB MEMORY EXPANSION BOARD FOR SUPERTWO - up to 125,000 card capacity
CICP1300 NETBD	NETWORK INTERFACE BOARD FOR SUPERTWO - Optional plug-in adapter for communicating with the Super-Two over TCP/IP(LAN/WAN).
CICP1300ARBD*	ALARM-RELAY EXPANDER BOARD- Optional board adds 16 supervised inputs and 16 relay outputs.

Legacy panels: Smarterm, Miniterm & Microterm

	Smarterm Capacities	Miniterm Capacities	Microterm Capacities
Cards	2500 standard (exp. to 120,000)	3300 standard	1400 standard
Readers	(5-wire) 4 (Wiegand output)	(5-wire) 2 (Wiegand output)	(5-wire) 1 or 2 (Wiegand output)
Keypads	(5-wire) 4 (Wiegand output)	(5-wire) 2 (Wiegand output)	(5-wire) 1 or 2 (Wiegand output)
Keypads	(7-wire) 4 X-Y Matrix type	(7-wire) 2 X-Y Matrix type	(7-wire) 1 X-Y Matrix type
Readers w/Keypad	4 5-wire Readers with 8 or 4 X-Y Matrix Keypads Standard	2 5-wire Readers with 2 or 4 X-Y Matrix Keypads Standard	1 5-wire Reader with 1 X-Y Matrix Keypads
Inputs	16 (Unsupervised)	8 (Supervised)	2 (Supervised)
Expanded Inputs	64 Additional inputs (Supervised)	N/A	N/A
Standard Outputs	9 Form C rated at 3A@24VDC/VAC	5 Form C rated at 3A@24VDC/VAC	3 Form C rated at 3A@24VDC/VAC
Expanded Outputs	64 Additional Form C rated at 3A@24VDC/VAC	N/A	N/A
Transaction Buffer	1000 Standard (exp. to 30,000)	1000	1000 Standard (exp. to 30,000)
Time Schedules	128	128	128
Access Groups	1000	1000	1000
Holidays	50	50	50
Reader Power	200mA@5VDC	200mA@5VDC, 200mA@12VDC	100mA@5VDC
Battery Backup	4-6 hours included	4-6 hours included	4-6 hours (optional)
Enclosure Size	20.75"H x 16.4"W x 4.7"D, 22lbs.	15.25"H x 12.5"W x 4"D, 18lbs.	7.5"H x 7.5"W x 2"D, 2lbs.
UL Listings		UL294, UL1076, UL1950** ** UL1950 replaced with EN60950 in Q2/2003	UL294, UL1076, UL1950** ** UL1950 replaced with EN60950 in Q2/2003
Options	CICP1400MB256-1 Memory Board - 256K (up to 14,000 cardholders or for supporting elevator control). CICP1400MB2-1 Memory Board - 2MB (up to 120,000 cardholders and elevator control). Up to 4 Optional** CICP1400RB Relay Expander Board - 16 output relays, 8 alarm inputs (Unsupervised). Up to 4 Optional** CICP1400RB Alarm Expander Board - 16 alarm inputs (Supervised). UL Listed NOTE: * Either a 256K or 2MB Memory board may be added to the Smarterm unit in order to increase cardholder and/or transaction memory. **A maximum of 4 Expansion		CICP1100BAT-2 CICP1100BAT-2 Battery Standby - Input 120VAC, Output 12VDC to temporary power the Microterm only in the event of a power failure.

Platinum Power: Now with a lifetime guarantee

Power supplies for access, video, burg and fire

NP-K3A12V	3 Amp Supply, 12 Volt Output
NP-K3A12V4O	3 Amp Supply, 12 Volt Output, 4 Output PDB
NP-K3A12V8O	3 Amp Supply, 12 Volt Output, 8 Output PDB
NP-K3A24V	3 Amp Supply, 24 Volt Output
NP-K3A24V4O	3 Amp Supply, 24 Volt Output, 4 Output PDB
NP-K3A24V8O	3 Amp Supply, 24 Volt Output, 8 Output PDB
NP-K3AS12V	3 Amp Supervised Supply, 12 Volt Output
NP-K3AS12V4O	3 Amp Supervised Supply, 12 Volt Output, 4 Output PDB
NP-K3AS12V8O	3 Amp Supervised Supply, 12 Volt Output, 8 Output PDB
NP-K3AS24V	3 Amp Supervised Supply, 24 Volt Output
NP-K3AS24V4O	3 Amp Supervised Supply, 24 Volt Output, 4 Output PDB
NP-K3AS24V8O	3 Amp Supervised Supply, 24 Volt Output, 8 Output PDB
NP-K5A12V	5 Amp Supply, 12 Volt Output
NP-K5A12V4O	5 Amp Supply, 12 Volt Output, 4 Output PDB
NP-K5A12V8O	5 Amp Supply, 12 Volt Output, 8 Output PDB
NP-K5A24V	5 Amp Supply, 24 Volt Output
NP-K5A24V4O	5 Amp Supply, 24 Volt Output, 4 Output PDB
NP-K5A24V8O	5 Amp Supply, 24 Volt Output, 8 Output PDB
NP-K5AS12V	5 Amp Supervised Supply, 12 Volt Output
NP-K5AS12V4O	5 Amp Supervised Supply, 12 Volt Output, 4 Output PDB
NP-K5AS12V8O	5 Amp Supervised Supply, 12 Volt Output, 8 Output PDB
NP-K5AS24V	5 Amp Supervised Supply, 24 Volt Output
NP-K5AS24V4O	5 Amp Supervised Supply, 24 Volt Output, 4 Output PDB
NP-K5AS24V8O	5 Amp Supervised Supply, 24 Volt Output, 8 Output PDB
NP-K7AS12V	7 Amp Supervised Supply, 12 Volt Output
NP-K7AS12V4O	7 Amp Supervised Supply, 12 Volt Output, 4 Output PDB
NP-K7AS12V8O	7 Amp Supervised Supply, 12 Volt Output, 8 Output PDB
NP-K7AS24V	7 Amp Supervised Supply, 24 Volt Output
NP-K7AS24V4O	7 Amp Supervised Supply, 24 Volt Output, 4 Output PDB
NP-K7AS24V8O	7 Amp Supervised Supply, 24 Volt Output, 8 Output PDB
NP-K10A12V	10 Amp Supply, 12 Volt Output
NP-K10A12V4O	10 Amp Supply, 12 Volt Output, 4 Output PDB
NP-K10A12V8O	10 Amp Supply, 12 Volt Output, 8 Output PDB
NP-K10A24V	10 Amp Supply, 24 Volt Output
NP-K10A24V4O	10 Amp Supply, 24 Volt Output, 4 Output PDB
NP-K10A24V8O	10 Amp Supply, 24 Volt Output, 8 Output PDB
NP-K10AS12V	10 Amp Supervised Supply, 12 Volt Output
NP-K10AS12V4O	10 Amp Supervised Supply, 12 Volt Output, 4 Output PDB
NP-K10AS12V8O	10 Amp Supervised Supply, 12 Volt Output, 8 Output PDB
NP-K10AS24V	10 Amp Supervised Supply, 24 Volt Output
NP-K10AS24V4O	10 Amp Supervised Supply, 24 Volt Output, 4 Output PDB
NP-K10AS24V8O	10 Amp Supervised Supply, 24 Volt Output, 8 Output PDB

Napco Power Supply Components	
NP-LPS6-24VDC	1.5 Amp Linear Power supply
NP-P3A	3 Amp Power supply
NP-P5A	5 Amp Power supply
NP-P10A	10 Amp Power supply
NP-AMOD8	Access Power Controller
NP-RB6-24VDC	Relay Module
NP-RB1224VDC/6	Break-a-way Relay 6 pack
NP-4CC615DCUL	4 Camera 6 to 15V CCTV DC Power Supply in Enclosure
NP-8CC615DCUL	8 Camera 6 to 15V CCTV DC Power Supply in Enclosure
NP-CC24AC4UL	4 camera CCTV AC Power Supply in Enclosure
NP-CC24AC8UL	8 camera CCTV AC Power Supply in Enclosure
NP-CC24AC16UL	16 camera CCTV AC Power Supply in Enclosure
NP-DMOD-4OUT	4 out Power distribution board
NP-DMOD-8OUT	8 out Power distribution board
NP-P3ASUP	3 Amp Supervised Power Supply
NP-P5ASUP	5 Amp Supervised Power Supply
NP-P7ASUP	7 Amp Supervised Power Supply
NP-P10ASUP	10 Amp Supervised Power Supply
NP-PTM	12/24 Volt 1 second to 60 minute Timer
NP-DTM7D24H	Single Channel Annual Timer
NP-DTM7D24H-D	Dual Channel Annual Timer
NP-PSC500	Universal Power Supply Cabinet

Transformers	
NP-TRF1650	16VAC 50VA Plug-In XFORMER
NP-TRF2450	24VAC 50VA Plug-In XFORMER
NP-TRF24100	24VAC 100VA XFORMER
NP-TRF28100	28VAC 100VA XFORMER
NP-TRF28175	28VAC 175VA XFORMER
NP-TRF28300	28VAC 300VA XFORMER

12/24 VDC Electromagnetic locks

CICPM600L 600 lbs field selectable
• L.E.D. Indicator door bond sensor for remote monitoring

CICPM1200 1200 lbs field selectable

CICPM1200SL 1200 lbs field selectable
• L.E.D. indicator door bond sensor for remote monitoring

CICPM120040 1200 lbs field selectable

CICPM1200SLBI40 1200 lbs field selectable
• L.E.D. indicator door bond sensor for remote monitoring
  use on double doors.

PowerExit®

CICP1
Exit button round normally open. L 3" H 4 3/4" W 1/4". Back
depth 1 7/8" button diameter 1 9/16" non illuminate.

CICPE2
Exit button square normally open/normally closed illuminated. L
3" H 4 3/4" W 1/4" Back depth 1 1/4"

CICPE2S
Exit button square normally open/normally closed illuminated narrow
plate. L 1 5/8" H 4 3/4" W 1/4" back depth 1 1/4"

Remote access

CIC-RR-PM1200PAK

1200 lbs field selectable 12/24VDC
with Remote Release. Complete with
one (1) Remote Control and one (1)
plug-in AC transformer. Supports up to 100 individual remote
controls (AL- Remote)

CIC-AL-REMOTE

Remote Control Single Button used with CC-RR-PM1200

Note: All electromagnetic locks include lock, armature plate,
mounting plate, screw pack & hex drive. Current draw on field
selectable models is 200 – 400 mA

CICPM1200SLBI

• 1200 lbs field selectable
• L.E.D. indicator door bond sensor for remote monitoring use
  on double doors.

Gold Series Magnetic Contacts

• Professional grade contacts for
  every installation need
• Precision gold reeds ensure
  unparalleled catch
• Lifetime performance and
  durability from gold hardened
  and stabilized with alloying
  elements
• UV stabilized, anti-aging,
  impact-resistant construction for long-life dependability
• Double burn-in quality screening ensures consistent reliability

MODEL	DESCRIPTION
NC-RL075-S	3/8"REC, STUBBY, LDS, 3/4"GAP/10
NC-ST100-A	SUR.MT, SELF-ADHSVE, TERM, 1"G/10
NC-SL100	SURFACE MOUNT, TERM, 1"GAP/10
NC-RT075	3/8"REC, TERM, 3/4"GAP/10
NC-RT100	3/4"REC, TERM, 1"GAP, STEEL DR /5
NC-RBL	3/4"REC, ROLLER BALL, LEADS /10
NC-OL200	OVERHEAD DR, 2"GAP, ARMRD CBL/1
NC-ST100	SURFACE MOUNT, TERM, 1"GAP/10
NC-ST100-CV	SURF.MNT, 1"GAP, COVER, SPACER/10
NC-SL100-CLA	SUR.MT, SELF-ADSV, C-LD, 1"GAP/10
NC-SL150-EL	SUR.MT, FLANGED, END-LD, 1.5"G/10
NC-SL050-UMCL	SR.MT, C-LD, 1/2"G, ULT-MIN, NL/10
NC-SL075-MCL	SR.MT, E-LD, 3/4"G, MINI, NAILS/10
NC-RL075-UM	1/4"REC, LDS, 3/4"GP, ULT-MINI/10
NC-RL100	3/8"REC, LEADS, 1"GAP/10
NC-RL100-I	INDUST, 1"REC, LDS, 1"GP, STL DR/5
NC-SL200-I	INDUST, SUR.MNT, 2"GP, ARMRD CBL/1

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