Online Security Technologies

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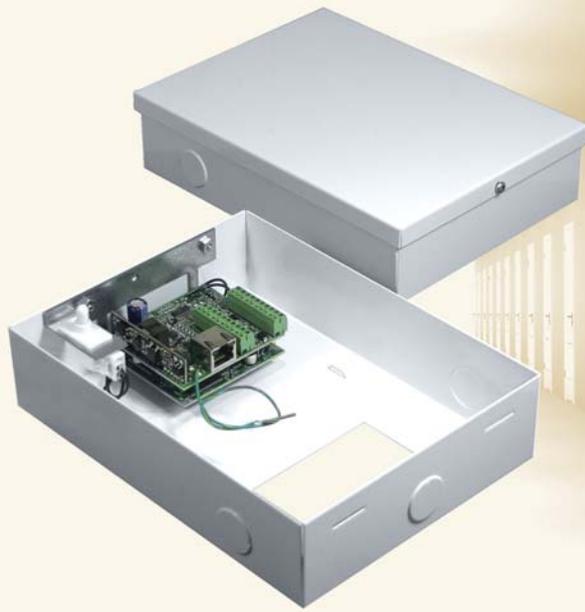# Discover the aPod Access Control System

The aPod is a single door system that expands to 50 doors. It sits on a standard network and can be distributed over multiple sites. It uses Power over Ethernet for all door peripherals, requires only a browser, is auto-configuring, and sets a new standard for simplicity.

Gain the advantage of web-based access control.

The all-in-one-door controller

The aPod is a compact, network connected, door controller with large system capabilities.   It is installed at the door and powers all door peripherals with Power over Ethernet. Its embedded web server provides a sophisticated and intuitive Browser Interface to any PC, tablet or smart phone connected through the LAN or the Internet. Add more aPods and they are automatically integrated into a multi-door system using the same single browser interface. Communication is secured with AES 128-bit encryption.

Easy to install, easy to use

The aPod has been designed to eliminate the mysteries of complex network and system configuration. Automatic enrollment of controllers, readers and cards, perpetual automatic configuration of daylight saving time and holiday schedules by location, and sensible defaults make the system truly plug-and-play.

Lowest installed cost

The aPod provides the lowest installed cost per door. It uses existing network infrastructure eliminating the need for expensive RS-485 cabling or IP interface devices. PoE eliminates the need for A/C power and supplementary power supplies. There is no PC software to install and the time for installation and commissioning is dramatically reduced.

You won't miss what the aPod doesn't have.

It does not require . . .

- X Software fees or annual software licenses.
- X Expensive RS-485 cabling
- X A/C power installation
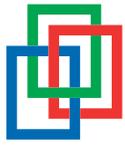- X I T expertise for networking
- X Complex system configuration

The aPod

The next step in security evolution.

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Specifications:

Multi-door: *up to 50 doors*

Multi-site: *Manage doors over multiple sites as a single connected system.*

Users/cards: *5,000*

Administrators: *25*

Event log: *50,000 events*

Admin audit log: *5,000 edits*

Reader support: 1. Any reader with a Wiegand interface, 10 customizable reader formats, 200-bit capacity, ID bits - 16 to 128, 4 site codes per format **and 2.** any ISO 7811 compliant magstripe reader with Clock and Data (TTL) output, Track 1 or Track 2.

Power requirements: *Power over Ethernet, 802.3af compliant (13 watts). Supplies all door peripherals including strikes and maglocks up to 700mA total draw (500mA for the strike or mag lock).*

Inputs: *up to 6 inputs per controller, each NO or NC with or without EOL resistor (1K, 2K2 or 5K6).*

Outputs: *Strike (12VDC up to 500mA) and siren (12VDC up to 250 mA). The siren output plus 1 miscellaneous output are configurable to interface both an alarm system and an automatic door opener.*

Field Wiring: *Terminated with plug-on connectors.*

Browser support: *Internet Explorer 7+, Firefox 3.0+, Chrome, and Safari on Windows XP, Vista, Windows 7, Mac OS, or Linux.*

Operating temperature: *For indoor use (0℃ to 40℃ or 32℉ to 105℉).*

Control panel: *Compact metal enclosure with removable lid and tamper detection.*

Complies with FCC Part 15 rules for Class A Digital Devices and Industry Canada ICES-003 2012 for Class A Information Technology Equipment.

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Features:

100% browser-based. No software to install. A single browser window manages the entire system.

Remote Connect: Manage your system from anywhere there is Internet access.

Security alerts: Send security alerts by email, text messaging or Twitter to multiple Administrators. Designate if and when an Administrator should receive alerts.

Support for 2 readers with Enter/exit and Enter/enter options.

Time and attendance reports.

Automatic enrollment of controllers, readers and access tokens.

Card only, ID + PIN only, and Card + PIN access modes.

Temporary card functionality.

Graphical single-view door scheduling - 7 intervals per day

Shift schedules supplement door schedules. Up to 25.

User controlled unlock schedules for authorized users. A triple swipe toggles a door between the locked and unlocked states.

Perpetual, automatic Daylight Saving Time and holiday scheduling pre-configured by location.

Unlock schedules activated on first valid card swipe for authorized users.

Alarm system interface: Disarming on valid card swipe; arming with triple swipe for authorized users. Audio feedback of alarm panel status. Remote arming and disarming.

Assisted access: Automatic door opener interface and extended unlock time for designated Users.

Remote fail-safe updating of firmware via the Internet. No fee for updates.

AES 128-bit encrypted communication.

Backup and restore functions with reminders.

Filtered reports in HTML and TSV formats.

Anti-passback: Four modes of operation, automatic and manual reset functions.

Door interlock function.

Built in system diagnostics.

Import utility for user names and cd numbers.

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