• Access Control
• Intrusion Alarms
• Elevator Control
• CCTV & DVR
• Photo ID

• Building Automation
• Visitor Management
• On & Offsite Monitoring

BUILDING SECURITY WORLDWIDE
Two ELEV8 modules shown in enclosure with power supply

The URC-2008 Elevator Controller allows control of up to two elevator cabs with 8 floors total and can be expanded to control up to 32 floors with up to three additional ELEV8 Relay Output modules. It utilizes flash firmware for easy upgrades, and employs fully distributed intelligence for off-line operations. Decisions such as access level changes, schedule activation, and card expiration are made by the URC-2008 without need of a computer.

- 8 floors expandable to 32
- (up to 4 ELEV8 modules per URC-2008)
- 3,000 cardholder capacity
- 3,000 event buffer
- Distributed architecture
- Built-in clock & calendar
- Updatable flash firmware
- Supports RS-485, and TCP/IP supervised communications
- Resetable fuse circuit protection
- Small footprint
- Simple to install

EXITRDR
Exit Reader Module

EXITRDR is a flexible, convenient, and inexpensive way to control and track cardholder access in both directions through a door. Only a single cable is required to connect both IN and OUT readers, thus reducing cost and making it possible to use existing wiring to add in/out tracking capability to existing doors.

- Door IN/OUT control & tracking
- Low cost full Anti-Passback
- One cable - two readers
- Low power consumption
IRC-2000 Series
Intelligent Controllers

IRC-2000 Intelligent Controllers allow control of two access control points (doors). They utilize flash firmware for easy upgrades, and employ fully distributed intelligence for off-line operations. Decisions such as access level changes, schedule activation, and card expiration are made by an IRC-2000 controller without need of a computer.

- 5,000 cardholder capacity expandable to 8,000
- 3,000 event buffer
- Distributed architecture
- Built-in clock & calendar
- Updatable flash firmware
- Optimal capacity:
  - 2 access points (doors)
  - 8 programmable inputs
  - 8 programmable outputs
- Supports RS-232, RS-485, and TCP/IP supervised communications
- Resettable fuse circuit protection

URC-2000 Series
Universal Controllers

URC-2000 Intelligent Controllers allow control of two access control points (doors). They utilize flash firmware for easy upgrades, and employ fully distributed intelligence for off-line operations. Decisions such as access level changes, schedule activation, and card expiration are made by a URC-2000 controller without need of a computer.

- 3,000 cardholder capacity
- 3,000 event buffer
- Distributed architecture
- Built-in clock & calendar
- Updatable flash firmware
- Optimal capacity:
  - 2 access points (doors)
  - 4 programmable inputs
  - 4 programmable outputs
- Supports RS-485, and TCP/IP supervised communications
- Resettable fuse circuit protection

SPECIALIZED SOLUTION FOR TOMORROW’S NEEDS

Access Control
Intrusion Alarms
Elevator Control
CCTV & DVR
Photo ID
Visitor Management
On & Offsite Monitoring

VERSATILE SOLUTION FOR TOMORROW’S NEEDS

IRC-2000... includes controller, enclosure with power supply
IRC-2004-FR360 adds 2 prox readers and 64 door software

URC-2004... includes two URC-2000 controllers, enclosure, and power supply

LIF-200... LAN / WAN gateway module, with RS-232 & RS-485 interfaces

LIF-200... includes IRC-2000-FR360 adds 2 prox readers and 64 door software

IRC-2000... includes controller, enclosure with power supply IRC-2004-FR360 adds 2 prox readers and 64 door software

... Versatile Solution for Tomorrow’s Needs
**Full Featured Software**

- Advanced Client-Server design...
  - Includes 10 simultaneous full function clients over LAN/WAN
- Multiple site management...
  - Control an unlimited number of sites from a single location with complete database, graphics and history segregation
- Optimum system capacity...
  - Up to 89 system operators with individually definable privileges and a choice of languages
  - Up to 64 Axiom Lite controllers
  - Up to 128 access points (128 IN and 128 OUT readers), 512 inputs and 512 outputs
  - Up to 32 networks (64 with 128-door software), including direct, TCP/IP dial-up and wireless
  - 5,000 cards per panel, expandable to 8,000
  - 32 schedules with 8 time zones each
  - 40 user definable holidays
  - 10 digit card numbers

**Integra Photo-ID & Badging**

A fully integrated Photo ID module is designed to provide an easy to use and powerful tool for creating high quality personalized credentials. A sophisticated badge design tool allows for creation of professional looking template layouts. Features include:

- Dual sided badge design and printing
- Signature and fingerprint capture and magstripe encoding
- Use USB or IP cameras with direct access to native settings
- Multiple templates, horizontal and vertical designs

**CCTV & DVR Integration**

Over the Internet or office LAN, the system user has direct system-wide access to live video, event viewing, history event based video search and video export functionality. Custom tailored assignments link individual Access and Monitoring Points to specific cameras across multiple DVRs, providing an ability to set pre- and post-alarm viewing preferences and PTZ shots. By simplifying video search and allowing Access Point control directly from the live video screen, Axiom Lite provides a wide range of user friendly features.

**Management via Web browser**

Configuring the Web Server on the Axiom Lite system, will allow operators to control and administer the security system via a web browser from any operating system:

- Edit cards, schedules, access levels
- Monitor and control doors, alarm points and relay outputs
- Run database and activity reports
- Use any browser...

**High Security Mode**

- Dynamic supply and re-instate access privileges for regular cardholders while maintaining access for specially authorized cards. This mode can be activated by “Four Swipe”, system link, or an operator command from any Security Workstation.
- Personalized disability privileges...
  - Disabled cardholders can be accommodated with extended door unlock times and dedicated automatic door activation.
- Anti-Passback...
  - Global and local anti-passback supports soft or hard enforcement and anti-tailgating. This feature also includes scheduled area reset, live status monitoring and timed anti-passback.
- Global Link Commands...
  - System is capable of creating an unlimited number of system-wide automation command sequences with steps individually enabled by schedules.
- Alarm acknowledgment...
  - Alarms can be individually configured for a required acknowledgment, restricted by schedule with up to 99 priority levels and associated instructions.
- Additional features include, but not limited to...
  - “First person delay”
  - “Man-trap” (or “Air-lock”) logic
  - “Code Reader Links” – code-based system automation
  - “Door held open” alarm and warning
  - Up to 10 uniquely configured cards per cardholder
  - Scheduled locking/unlocking, reader and keypad operation
  - Visual cardholder verification – fully configurable
  - Customized formats for exporting reports to any other application
  - Time and attendance reports
  - Integrates with most Human Resources systems
## Hardware Comparison

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Panels per Network:</strong></td>
<td>16</td>
<td></td>
</tr>
<tr>
<td><strong>Local PC &amp; Remote Communications:</strong></td>
<td>RS-232, TCP/IP Ethernet or RS-485, supervised</td>
<td>TCP/IP Ethernet or RS-485, supervised</td>
</tr>
<tr>
<td><strong>Communication Between Controllers:</strong></td>
<td>Supervised RS-485</td>
<td></td>
</tr>
<tr>
<td>Speed</td>
<td>Programmable 9.6 - 56Kbps</td>
<td></td>
</tr>
<tr>
<td>Distance</td>
<td>4,000 ft (1,200m)</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>18 AWG, 2 conductor, twisted, shielded</td>
<td></td>
</tr>
<tr>
<td><strong>Cards per Panel:</strong></td>
<td>5,000 expandable to 8,000 (up to 10 digit card no’s)</td>
<td>3,000 (up to 10 digit card no’s)</td>
</tr>
<tr>
<td><strong>Access Levels per Panel:</strong></td>
<td>5,000 expandable to 8,000 (one per card per panel)</td>
<td>3,000 (one per card per panel)</td>
</tr>
<tr>
<td><strong>Site Codes per Panel:</strong></td>
<td>10 (site code programming is not mandatory)</td>
<td></td>
</tr>
<tr>
<td><strong>Off-Line Transactions Buffer:</strong></td>
<td>3,000 FIFO, command, and alarm priority</td>
<td></td>
</tr>
<tr>
<td><strong>Access Points (Readers/Keypads):</strong></td>
<td>2 with LED and Buzzer control Max 500ft (150m)</td>
<td></td>
</tr>
<tr>
<td>Distance</td>
<td>20 - 22 AWG, 6 or 8 conductor, stranded, shielded</td>
<td></td>
</tr>
<tr>
<td><strong>Simultaneous Card Formats per Panel:</strong></td>
<td>5, Wiegand or Clock &amp; Data</td>
<td>5, Wiegand</td>
</tr>
<tr>
<td><strong>Programmable Supervised Inputs:</strong></td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>Input Supervision</td>
<td>4 state monitoring (1 or 2 resistors)</td>
<td>4 state monitoring (1 or 2 resistors)</td>
</tr>
<tr>
<td>Distance</td>
<td>Max 1,000 ft (300m)</td>
<td>Max 1,000 ft (300m)</td>
</tr>
<tr>
<td>Cable Type</td>
<td>20 - 22 AWG, 2 conductor</td>
<td>20 - 22 AWG, 2 conductor</td>
</tr>
<tr>
<td><strong>Programmable Outputs:</strong></td>
<td>4 SPDT 2A @ 30VDC, dry contacts</td>
<td>2 SPDT 2A @ 30VDC, dry contacts</td>
</tr>
<tr>
<td>Output mode</td>
<td>4 Electronic drivers, 12VDC max, 100mA</td>
<td>2 Electronic drivers, 12VDC max, 100mA</td>
</tr>
<tr>
<td><strong>Power Requirements:</strong></td>
<td>16.5VAC, 40VA transformer</td>
<td>12V, 7AH lead acid or gel cell</td>
</tr>
<tr>
<td><strong>Recommended Back-up Battery:</strong></td>
<td>Listed</td>
<td></td>
</tr>
</tbody>
</table>

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