RBH
ACCESS

• **Access Control**

• **Intrusion Alarms**

• **Elevator Control**

• **CCTV & DVR**

• **Photo ID**

Integra 32™
SECURITY MANAGEMENT SYSTEM

• **Building Automation**

• **Visitor Management**

• **On & Offsite Monitoring**

BUILDING

SECURITY

WORLDWIDE

Our Corporate Vision

Drawing on decades of experience in the Electronic Access Control industry, RBH's founders insisted that Innovation, Quality, Integrity, and Value be the cornerstones of the company and its products – and that the advantages resulting from dedication to these principles flow to its dealers and customers. Meticulous attention to details goes hand in hand with our broad strategic vision.

Since 1995 RBH Access Technology has been known for quality and innovative design.

Product design and manufacturing takes place at our Brampton, Ontario facility in Canada. Sales, distribution and support centers around the world provide services tailored to local customer's needs as we market our products through an international network of security dealers and systems integrators. Selective dealer recruitment and comprehensive training ensure highest customer satisfaction.

RBH access control solutions have been installed in over 110 countries, on five continents and in multiple languages. Our company's growth is currently several times the industry average – bearing testimony the acuity of its vision.

We continue to invest in research and development to provide innovative and effective products that address the ever-growing market demands for open, stable, scalable and integrated security management systems. We will continue to compliment our exceptional products with first-rate support and competitive pricing to the ultimate satisfaction of our dealers and their customers.

RBH ACCESS

Integrated Security Management Solution

Bringing together different aspects of security management can be challenging. Integra32 stands up to the challenge by combining Access Control and Alarm Monitoring with Video, Biometric authentication, Visitor management, and many more important security functions into an elegant and versatile security management solution.

Robust Platform

Integra32's advanced .NET architecture is specifically designed to take advantage of Microsoft Windows operating systems. This user friendly software ensures that security management needs are met easily and economically with minimal training.

Flexible Architecture

Fully featured client or Web browser access to system management, Integra32 addresses all security management needs for small and medium size businesses and organizations. There is no limit to system expansion with in-place upgrade path to our AxiomV Enterprise Security Management System.

Multilingual

Our products are sold in over 110 countries around the World. To accommodate such a variety of languages, many are included in our system allowing for concurrent multi-lingual operation and an easy way to add additional languages.

Integra 32 ™

SECURITY MANAGEMENT SYSTEM

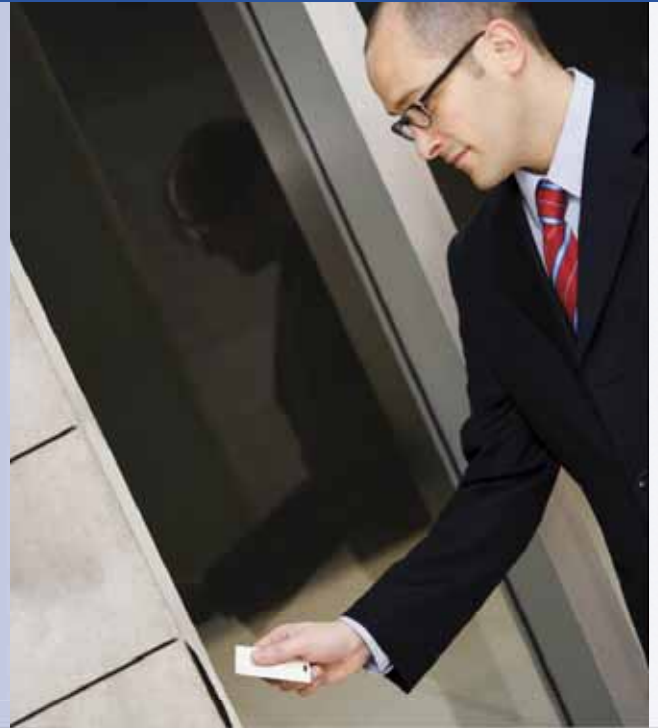### INTEGRATED

Access Control

Intrusion Alarms

Elevator Control

CCTV & DVR

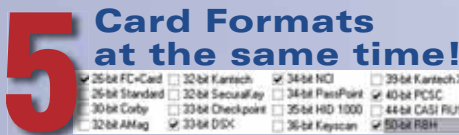Photo ID

Visitor Management

On & Offsite Monitoring

… 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 99 system operators with individually definable privileges and a choice of languages
  - Up to 64 Integra32 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
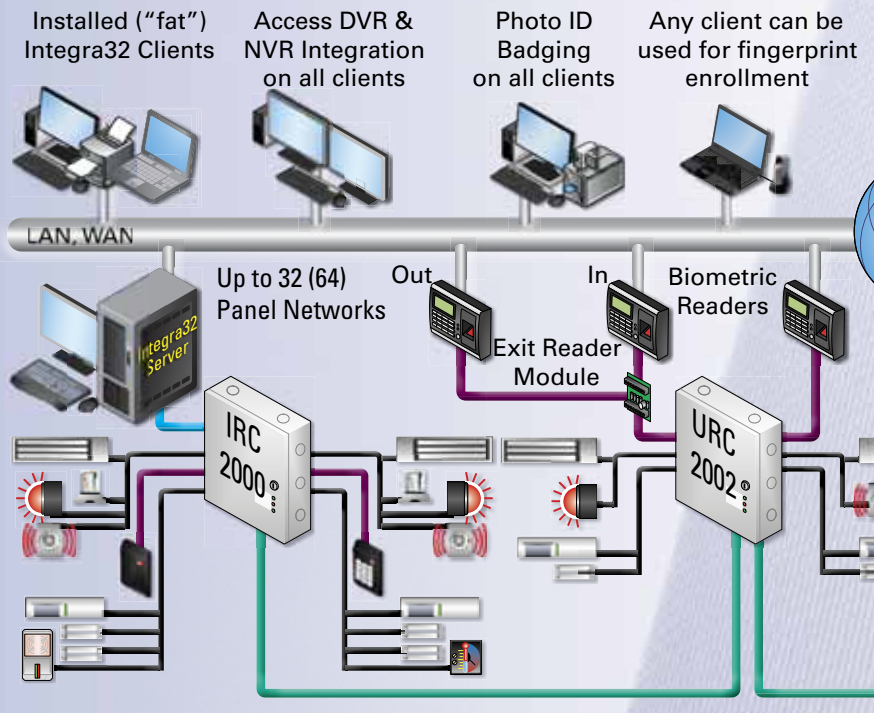 - 40 user definable holidays
  - 10 digit card numbers

5 Card Formats at the same time!

☑ 26-bit FC+Card	☐ 32-bit Kantech	☑ 34-bit NCI	☐ 39-bit Kantech XSF
☐ 26-bit Standard	☐ 32-bit SecuraKey	☐ 34-bit PassPoint	☑ 40-bit PCSC
☐ 30-bit Corby	☐ 33-bit Checkpoint	☐ 35-bit HID 1000	☐ 44-bit CASI RUSCO
☐ 32-bit AMag	☑ 33-bit DSX	☐ 36-bit Keyscan	☑ 50-bit R&H

- **High Security Mode…**
  - Dynamically suspend 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 acknowledgement, 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

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**

Installed ("fat") Integra32 Clients | Access DVR & NVR Integration on all clients | Photo ID Badging on all clients | Any client can be used for fingerprint enrollment

LAN, WAN

Up to 32 (64) Panel Networks | Out | In | Biometric Readers

Exit Reader Module

Integra32 Server

IRC 2000

URC 2002

Biometric Readers

Integra32 makes use of biometric methods of user identification and verification even more convenient by integrating fingerprint enrollment into cardholder management screen. …

- **USB or door readers can be used for enrollment**
- **Automatic fingerprint download via Ethernet**
- **Enroll up to 10 fingerprints per person**
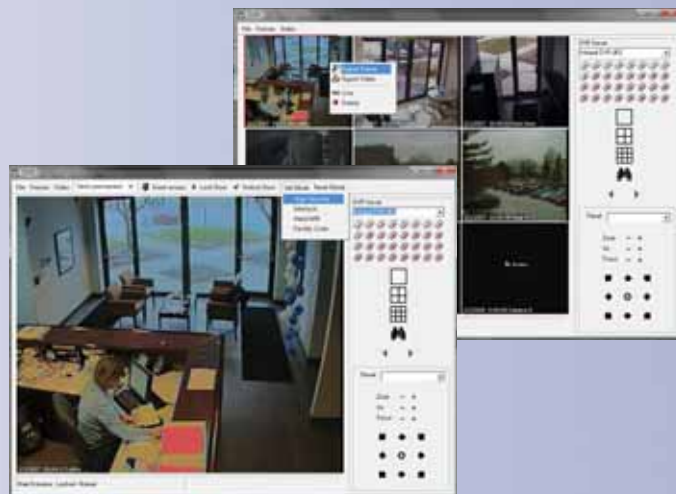- **Multiple brands and models supported**

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.

Supporting multiple DVRs and NVRs from different manufacturers on the same system simultaneously provides enhanced flexibility and freedom of choice of manufacturer.
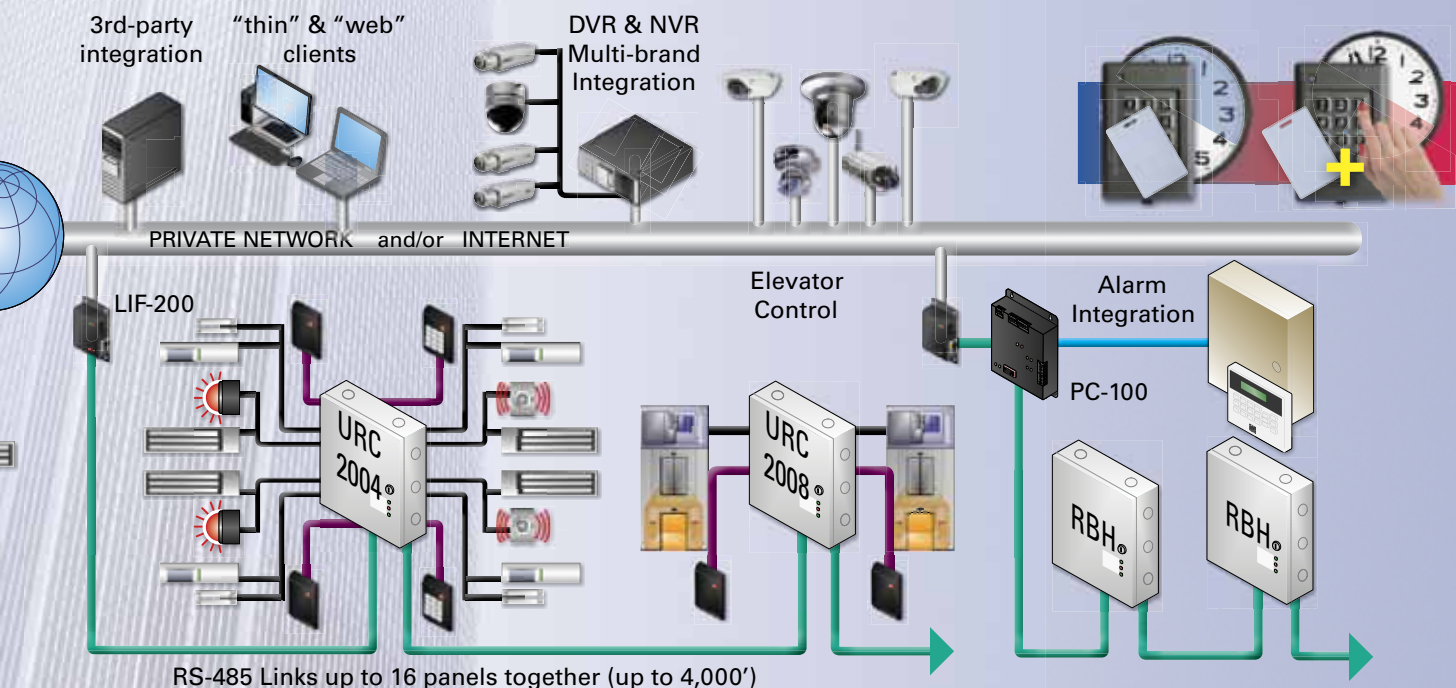
By simplifying video search and allowing Access Point control directly from the live video screen, Integra 32 provides a wide range of user friendly features.

Management via Web browser

Configuring the Web Server on the Integra32 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...**

3rd-party integration

"thin" & "web" clients

DVR & NVR Multi-brand Integration

PRIVATE NETWORK and/or INTERNET

LIF-200

URC 2004

Elevator Control

URC 2008

Alarm Integration

PC-100

RBH

RBH

RS-485 Links up to 16 panels together (up to 4,000')

Elevator Control

Integra 32 URC-2008 controllers provide an inexpensive, simple to install and configure, PC independent way to control access to up to 32 floors per 2-cab controller.

2-Swipe Locks/Unlocks Door
4-Swipe Door's Hi-Security On/Off
3 & 5-Card Swipe Custom Actions

Alarm Panels

PC-100 Integration Gateway allows Integra 32 to monitor inputs on the 3rd party burglar alarm panels via built in automation by linking alarm panel's expansion bus or serial port. Integra32 provides many additional Alarm Panel integration features including "Access Granted" initiated alarm point shunt and arming/disarming based on...

- **Access control activity**
- **"Two Swipe" locking/unlocking feature**
- **Locked/Unlocked state of Access Point**
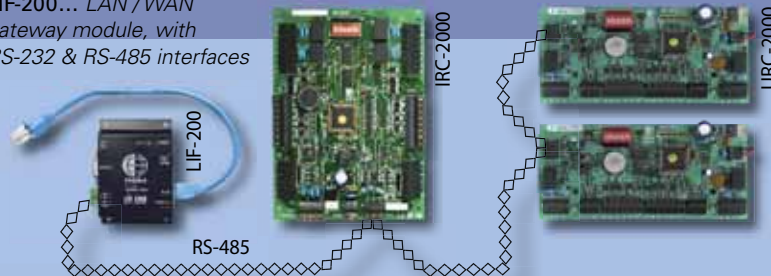- **Code Reader Link actions** • **Schedules**

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.

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

- **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**
- **Resetable fuse circuit protection**

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

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.

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

URC-2005... *includes two URC-2001 controllers mounted on a 19" rack mount plate*

- **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**
- **Resetable fuse circuit protection**

Rack mounted URC-2005 modules

URC-2008
Elevator Controller

URC-2008... *includes controller, one ELEV8 module, enclosure, and power supply*

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**

CERTIFIED **USB**

H485-USB... *USB converter with a RS-485 interface*

PC-100... *Burglar alarm panel direct interface module*

PC-100 allows for local panel-to-panel interface between a group of RBH controllers and 3rd party burglar alarm panels.

It polls up to 16 controllers while communicating directly to burglar alarm panel to monitor alarm points on it and arm/disarm partitions.
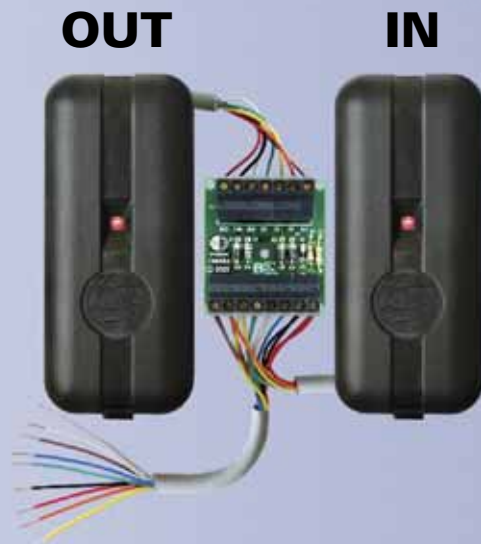
EXITRDR
Exit Reader Module

Compatibility :	IRC-2000-4 or later URC-2000
Power :	10 mA @ 12 VDC
Dimensions :	51 x 46 x 20 mm (fits in single gang electrical box)

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**

OUT   **IN**

Hardware Comparison

	IRC-2000 SERIES INTELLIGENT CONTROLLERS	URC-2000 SERIES UNIVERSAL CONTROLLERS	URC-2008 ELEVATOR CONTROLLER
Panels per Network :	16		
Local PC & Remote Communications :	RS-232, TCP/IP Ethernet or RS-485, supervised	TCP/IP Ethernet or RS-485, supervised	
Communication Between Controllers : **Speed :** **Distance :** **Type :**	Supervised RS-485 Programmable 9.6 - 56 Kbps 4,000 ft (1,200 m) 18 AWG, 2 conductor, twisted, shielded		
Cards per Panel :	5,000 expandable to 8,000 (up to 10 digit card no's)	3,000 (up to 10 digit card no's)	
Access Levels per Panel :	5,000 expandable to 8,000 (one per card per panel)	3,000 (one per card per panel)	
Site Codes per Panel :	10 (site code programming is not mandatory)		
Off-Line Transactions Buffer :	3,000 FIFO, command, and alarm priority		
Access Points (Readers / Keypads) : **Distance :** **Type :**	2 with LED and Buzzer control Max 500 ft (150 m) 20 - 22 AWG, 6 or 8 conductor, stranded, shielded		
Simultaneous Card Formats per Panel :	5, Wiegand or Clock & Data	5, Wiegand	
Programmable Supervised Inputs : **Input Supervision :** **Distance :** **Cable Type :**	8 4 state monitoring (1 or 2 resistors) Max 1,000 ft (300 m) 20 - 22 AWG, 2 conductor	4 4 state monitoring (1 or 2 resistors) Max 1,000 ft (300 m) 20 - 22 AWG, 2 conductor	
Programmable Outputs : **Output mode :**	4 SPDT 2A @ 30 VDC, dry contacts 4 Electronic drivers, 12 VDC max, 100 mA Programmable Fail Safe / Fail Secure	2 SPDT 2A @ 30 VDC, dry contacts 2 Electronic drivers, 12 VDC max, 100 mA Programmable Fail Safe / Fail Secure	
Power Requirements :	16.5 VAC, 40 VA transformer		
Recommended Back-up Battery :	12 V, 7 AH lead acid or gel cell		

FC CE UL Listed

MIFARE
iCLASS
HID
Integra 32™
Reader Technologies
BIOMETRIC
AWID
PROXIMITY

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