www.rbh-access.com

The URC-2008 Elevator Controller allows control of up to two elevator cabs with 8 floors total. Can be expanded to control up to 32 floors. 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 controller without the need of a computer.
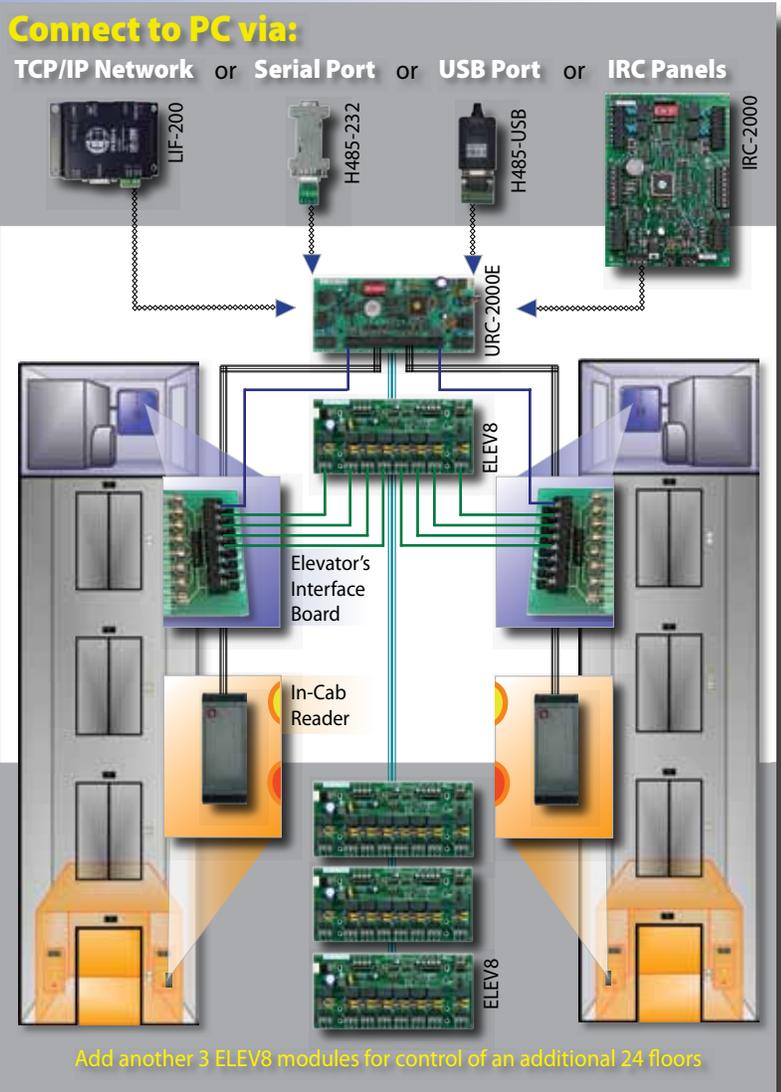
The panel contains on-board clock and memory backup as well as thermal overload protection. URC-2008 supports fully supervised communication via RS-485 and TCP/IP with selectable communication speed up to 56.6Kbps.

Connect to the Integra32 Server PC via IRC-2000 controllers or directly via a RS232/485 convertor, for a total of up to 16 panels per controller network.

8 Floor Elevator Control Kits

- **Small footprint**
- **Simple to install**
- **Optimal capacity**
- **Distributed architecture**
- **Flash Firmware updates**
- **Built-in clock and calendar**
- **Expandable to 32 floors**
- **LOW COST!**

ELEV8 Relay Output Module

Connect to PC via:

TCP/IP Network or **Serial Port** or **USB Port** or **IRC Panels**

LIF-200   H485-232   H485-USB   IRC-2000

URC-2000E

ELEV8

Elevator's Interface Board

In-Cab Reader

ELEV8

Add another 3 ELEV8 modules for control of an additional 24 floors

Designed to work with   **RBH** **Integra 32** ™

Specifications

URC-2008 includes one URC-2000E controller and one ELEV8 module installed in an ENCL-1-PS enclosure as shown above

Two ELEV8 modules shown installed in an ENCL-1-PS enclosure.

Panels per Network :	16
Local PC & Remote Communications :	Supervised RS485 via TCP/IP Ethernet, USB and Serial Ports
Communication Between Controllers :	Supervised RS-485
Speed :	Programmable 9.6 - 56 Kbps
Distance :	4,000 ft (1,200 m)
Cable Type :	18 AWG, 2 conductor, twisted, stranded. shielded
Cards per Panel :	3,000 (up to ten digit card numbers)
Access Levels 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) :	2 with LED and Buzzer control
Distance :	Max 500 ft (150 m)
Cable Type :	20 - 22 AWG, 6 or 8 conductor, stranded. shielded
Simultaneous Card Formats per Panel :	5, All Wiegand compatible readers supported
Programmable Supervised Inputs :	4
Input Supervision :	Four state monitoring (1 or 2 resistors)
Distance :	Max 1,000 ft (300 m)
Cable Type :	20 - 22 AWG, 2 conductor
Programmable Outputs :	2 SPDT 2 A @ 30 VDC, dry contacts
	2 Electronic drivers, 12 VDC max, 100 mA
Output mode :	Programmable Fail Safe / Fail Secure
Power Requirements :	16.5 VAC, 40 VA transformer (not included)
Recommended Back-up Battery :	12 V, 7 AH lead acid or gel cell (not included)
Max ELEV8 modules per URC-2000E :	4
ELEV8 Interconnect :	4 Conductor, 18 AWG Shielded
ELEV8 boards per ENCL1 enclosure :	2 (1 if installed with URC2000E)
ELEV8 Elevator Control Outputs :	8 SPDT 2 A @ 30 VDC, dry contacts
	LED status display for each output
ELEV8 Fire alarm Input :	12 VDC

Compatible Accessories

RBH-ENCL1
Metal Enclosure

RBH-PS-1224
12VDC Power Supply

RBH-H485-232
RS232/485 Adaptor

RBH-H485-USB
USB/RS485 Adaptor

RBH-LIF-200
LAN Adaptor

RBH-ELEV8
Relay Output Module is designed for mounting in the standard ENCL-1 enclosure. Available individually or as a part of URC-2008.

www.rbh-access.com

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