

UNIVERSAL CONTROLLER

URC-2000 SERIES



The URC-2000 Universal Controller allows control of two access control points (doors). 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-2000 controller without the need of a computer.

The panel contains on-board clock and memory backup as well as thermal overload protection. URC-2000 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.

2 and 4 Door Enclosure Kits

- Small footprint
- Simple to install
- Optimal capacity
- Distributed architecture
- Flash Firmware updates
- Built-in clock and calendar
- In/Out reader modules
- **LOW COST!**

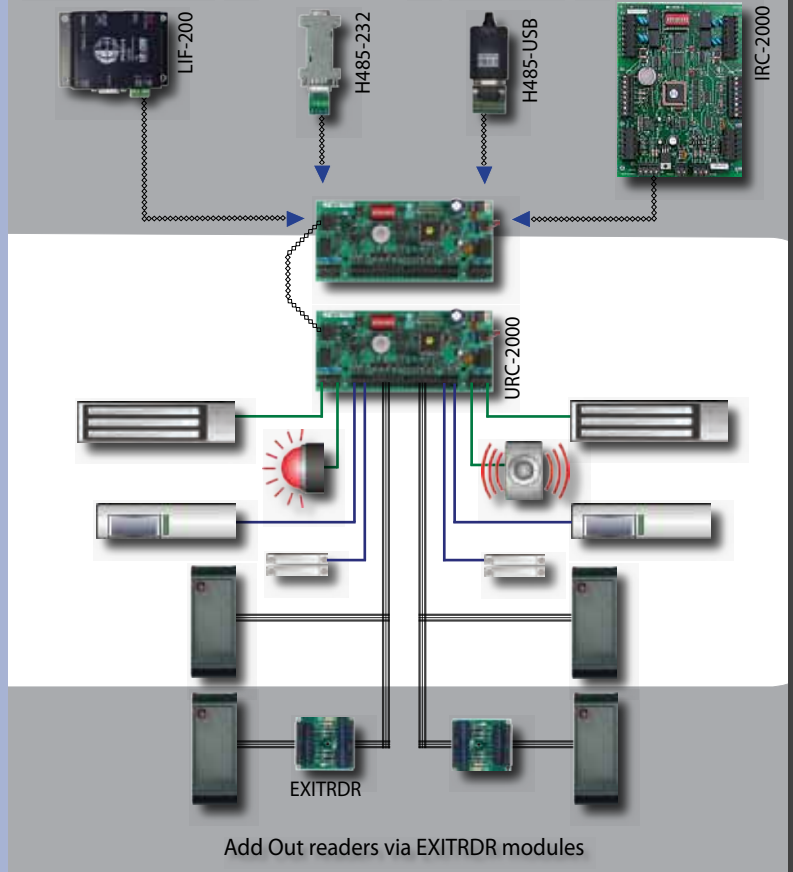
2 and 4 Door rackmount Kits



19" Rackmount!

Connect to PC via:

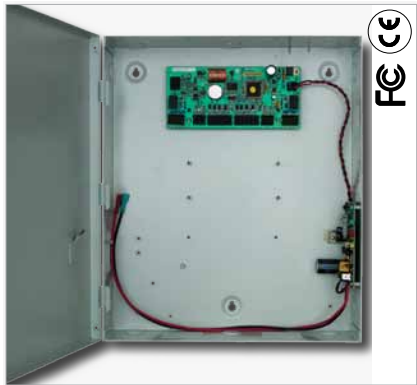
TCP/IP Network or Serial Port or USB Port or IRC Panels



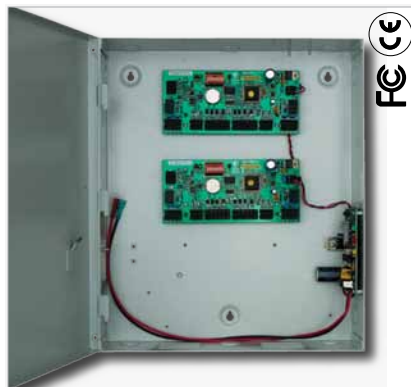
www.rbh-access.com

URC-2000 SERIES

Specifications



URC-2002 includes one URC-2000 controller installed in an ENCL-1-PS enclosure as shown above



URC-2004 includes two URC-2000 controllers installed in an ENCL-1-PS enclosure as shown above

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 - 56Kbps
Distance :	4,000ft (1,200m)
Cable Type :	18AWG, 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 500ft (150m)
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 1,000ft (300m)
Cable Type :	20 - 22 AWG, 2 conductor
Programmable Outputs :	2 SPDT 2A @ 30VDC, dry contacts
Output mode :	2 Electronic drivers, 12VDC max, 100 mA
Power Requirements :	16.5VAC, 40VA transformer (not included)
Recommended Back-up Battery :	12V, 7AH lead acid or gel cell (not included)



19" Rackmount !



URC-2000 Universal Controller is designed for mounting in the standard ENCL-1 enclosure. LEDs and DIP switch bank are mounted on the front of the controller board.



URC-2001 Universal Controller is designed for mounting on a standard R2U rack mount plate. LEDs and DIP switch bank are mounted on the back of the controller board.



URC-2005 includes two URC-2001 controllers installed on a R2U 19" rack mount plate as shown above.



URC-2003 includes one URC-2001 controller installed on a R2U 19" rack mount module as shown above.



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