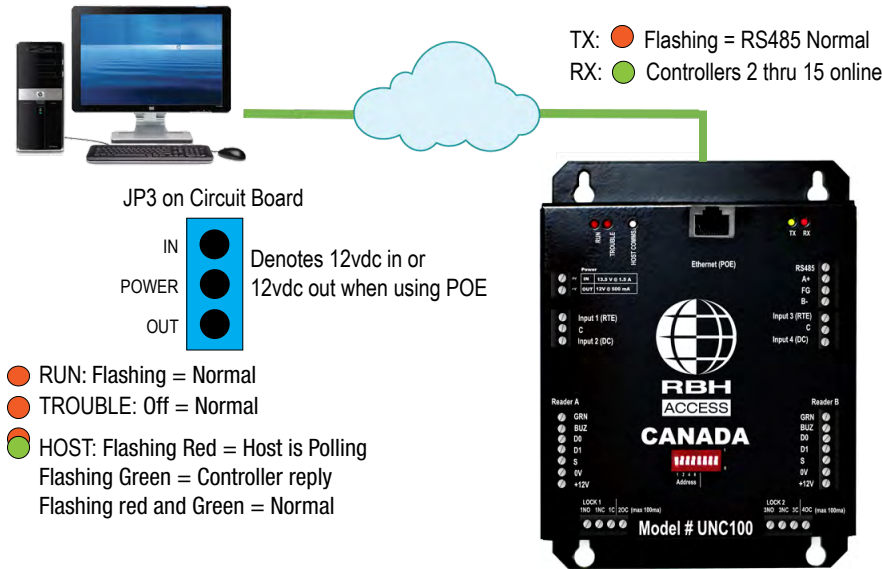
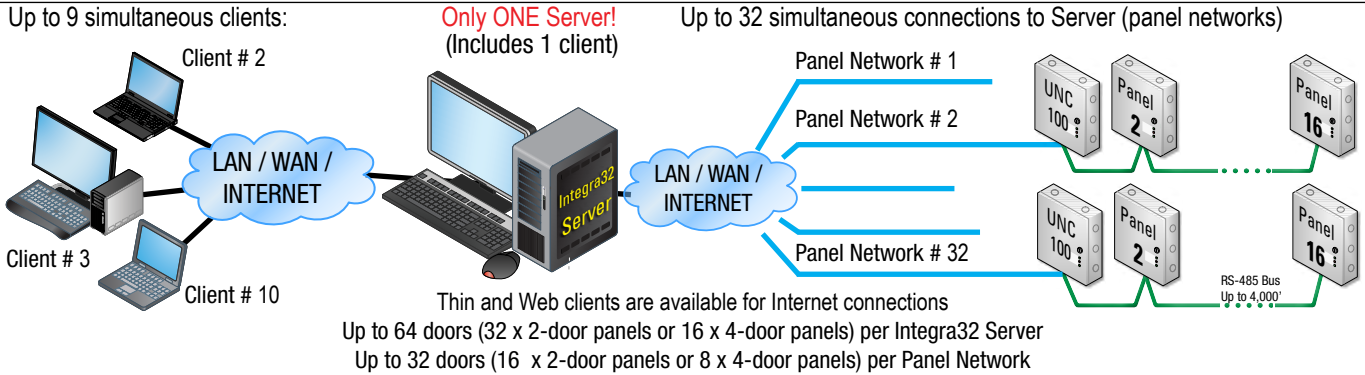


Server : Installs Server and Client on one PC only (Setup.exe)  
 Communications Modules : USB Drivers and utilities  
 Documents : All manuals in PDF format  
 Client : Installs Client (Setup.exe)  
 Firmware: Various Firmware Files  
 Update: Service packs (if needed)  
 Adobe Acrobat Reader Included on DVD



License : Feature Key  
 Web : Web Server Installer  
 DVR : Integration Packs  
 Fingerprint : Integration Packs

Processor: Intel Core 2 Duo or better  
 Memory: 1-2 GB depending on OS  
 Storage: 20 GB, or more if needed  
 DVD-ROM, Ethernet Port, USB ports  
 Operating System: Windows  
 Editions: Pro, Business, Ultimate  
 32 Bit: Windows 7, 8, Server 2003, 2008  
 64 Bit: 7, 8, Server 2008



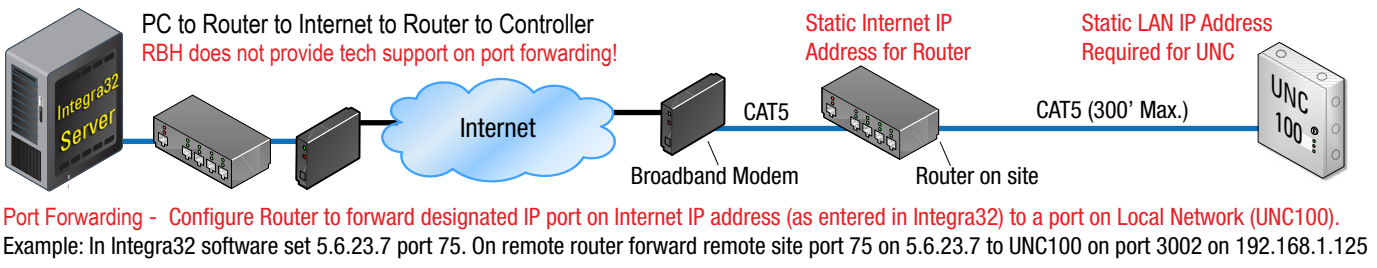
Address	SW1	SW2	SW3	SW4
1	X	O	O	O
2	O	X	O	O
3	X	X	O	O
4	O	O	X	O
5	X	O	X	O
6	O	X	X	O
7	X	X	X	O
8	O	O	O	X
9	X	O	O	X
10	O	X	O	X
11	X	X	O	X
12	O	O	X	X
13	X	O	X	X
14	O	X	X	X
15	X	X	X	X

A. UNC100 and PC are on the same subnet:  
 UNC : XXX.XXX.ZZZ.AAA PC : XXX.XXX.ZZZ.BBB  
 To configure UNC100 type in it's address into web browser.

B. UNC100 and PC are on the same net, different subnets:  
 UNC: XXX.XXX.ZZZ.AAA PC : XXX.XXX.YYY.BBB  
 Use IPLocator to detect UNC100 and change it's IP address, go to A

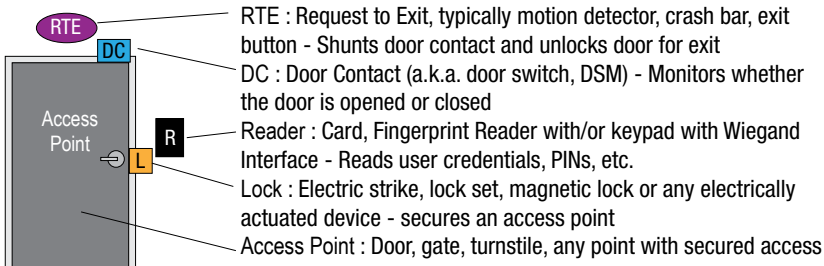
C. UNC100 and PC are on different nets and/or subnets:  
 Manually set your PCs IP address to match net/subnet of the UNC100, go to A to configure UNC100.

Note1 : Remove paper from Lithium battery when installing  
 Note2 : If using standby battery on UNC100 DC voltage in must be 13.5 to 13.8 volts to properly charge the standby battery



TIP: To configure the IP address of the RBH-UNC100-XXX use the 'Device Discovery' tool built into the Integra32 software. Install the Integra32 software... Login...go to tools menu... select 'Device Discovery'. Choose the proper network card and select search... any controllers on the network segment will be displayed. Select the desired controller and edit....enter the IP address and select ok. The default password is 'password'.

ACCESS POINTS



RTE Installed	DC Installed	Lock by timer	Lock on door close	Door Forced	Door Held Open
Yes	Yes	Yes	Yes	Yes	Yes
No	Yes	Yes	Yes	No*	Yes
No	No	Yes	No	No	No

\* Will activate every time door is opened to exit, you can turn "Disable Door Forced Open" feature on

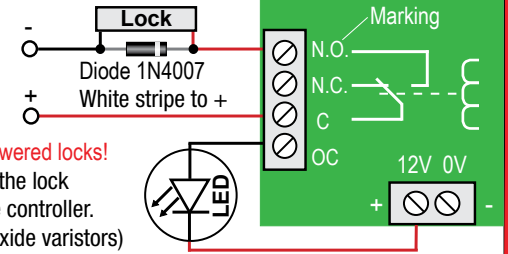
OUTPUTS

Relay Outputs (Marked #N.O./#N.C./#C): Maximum rating 5A @ 30V, Dry, Form "C" relay  
 Voltage Outputs (Marked #OC) : 100mA, -12VDC, for solid state devices only (LED, Piezo, etc.)

"ON State" Setting	Operation Type	"Output Off" Relay is:	"Output On" Relay is:	N.O. Mark	N.C. Mark
Energized	Fail-Secure	Off	On	N.O.	N.C.
De-energized	Fail-Safe	On	Off	N.C.*	N.O.*

\* Functionality of relay polls will be reversed vs. printed marking

INSTALL DIODE on DC powered locks!  
 1N4007 Diode installed at the lock will prevent damage to the controller. Please, use MOVs (metal oxide varistors) for AC powered locks.



NO LOCKS! on OC outputs

INPUTS

Circuit Type:	Normally Closed	Normally Open	N. C. 1 Resistor	N. O. 1 Resistor	N. C. 2 Resistors	N. O. 2 Resistors	N. C. & N.O. 1 Resistor
Open	Alarm	Restore	Alarm	Trouble	Trouble	Trouble	Trouble
Short	Restore	Alarm	Trouble	Alarm	Trouble	Trouble	Alarm
1K	N/A	N/A	Restore	Restore	Restore	Alarm	Restore
2K	N/A	N/A	N/A	N/A	Alarm	Restore	N/A
Circuit State							

Supervision type	Detects state changes:	Supervised secure	Supervised in alarm
None	Yes	No	No.
1 Resistor	Yes	Yes	No
2 Resistor	Yes	Yes	Yes

1K Resistor Color code: Brown Black Red / Gold: 5% tolerance

RTE : to keep door unlocked we need re-triggering of RTE input (Each trigger extends unlock timer)  
 DC : N.O. sensors are wired in parallel, N.C. sensors in series  
 Wiring : Up to 1,000' on 18-22 AWG 2-Cond. cable

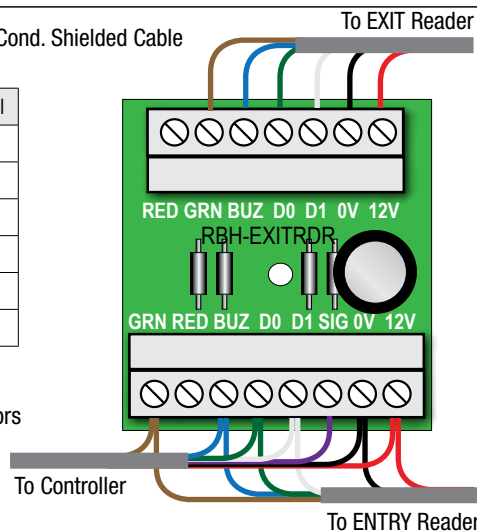
READERS

Wiring : Up to 500' Max from Reader to Panel on 18 AWG 6-Cond. Shielded Cable

Function	RBH	HID	AWID	Terminal
LED	Brown	Orange	Brown	GRN
Buzzer	Blue	Yellow	Yellow	BUZ
Data 0	Green	Green	Green	D0
Data 1	White	White	White	D1
Ground	Black	Black	Black	0V
Power	Red	Red	Red	12V

See reader manual for actual color codes!

EXITRDR : This module allows reporting of direction on doors with readers installed on both sides, while using a single reader port on the controller (RBH reader wiring shown)



Reader LED	Status
Red	Locked
Green	Unlocked
Blinking	"High Security" Mode
Reader Sounder	Event
Long Beep	Access Granted
Two Short Beeps	Access Denied
Four Beeps	Mode Changed
Beeping	DHO Warning or PIN request
Continuously On	Door Forced or Door Held Open Alarm

SUPPORT



For Support Call :  
**201-663-9070 / Option 1**  
 Web site : [www.rbh-access.com](http://www.rbh-access.com)  
 E-mail : [support@rbh-access.com](mailto:support@rbh-access.com)

Complete database is stored on the Server PC, cards and settings are transferred to the panel during the download. Panel retains this data and operates independently, sending events to Server and receiving commands from it. It is not possible to "upload" hardware configuration or card database from the panel. Please configure Integra32 Server's built in backup function to preserve your data in case of PC failure!

NOTES