

8 POWER UP THE C900IP CONTROLLER

Simply plug the power cord into an AC electrical outlet.

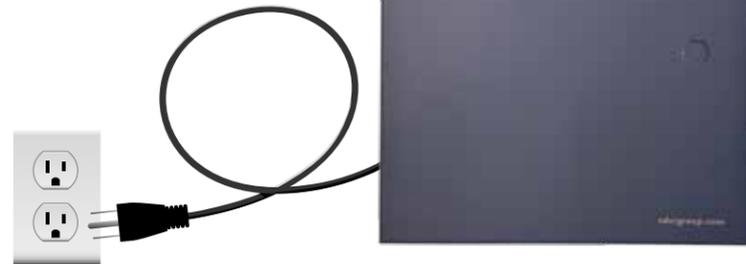
LED on door metal enclosure illuminates green when power is established.

Universal Power Supply specifications:

Input: 120-240 VAC, 1.2 A, 50 Hz/60 Hz
Output: 24 VDC @ 2.5 A



Do not connect to a receptacle controlled by a switch.



9 WEB SETTINGS

1. Install the "**CDVI Module Finder**" application (Windows only).
2. Start the "**CDVI Module Finder**" then select the C900IP controller from the list you wish to configure and click on "**Go to Web Page**".
3. Type the Login ID and Password (default: "**admin**" for both).

From here you will be able to configure the C900IP:

- Product Display Name
- Login ID and password
- Set controller RS485 address
- Manage IP address
- Update the firmware



CENTAUR SOFTWARE MANUAL

Scan the QR Code with your smartphone for the CENTAUR Software manual



C900IP MANUAL

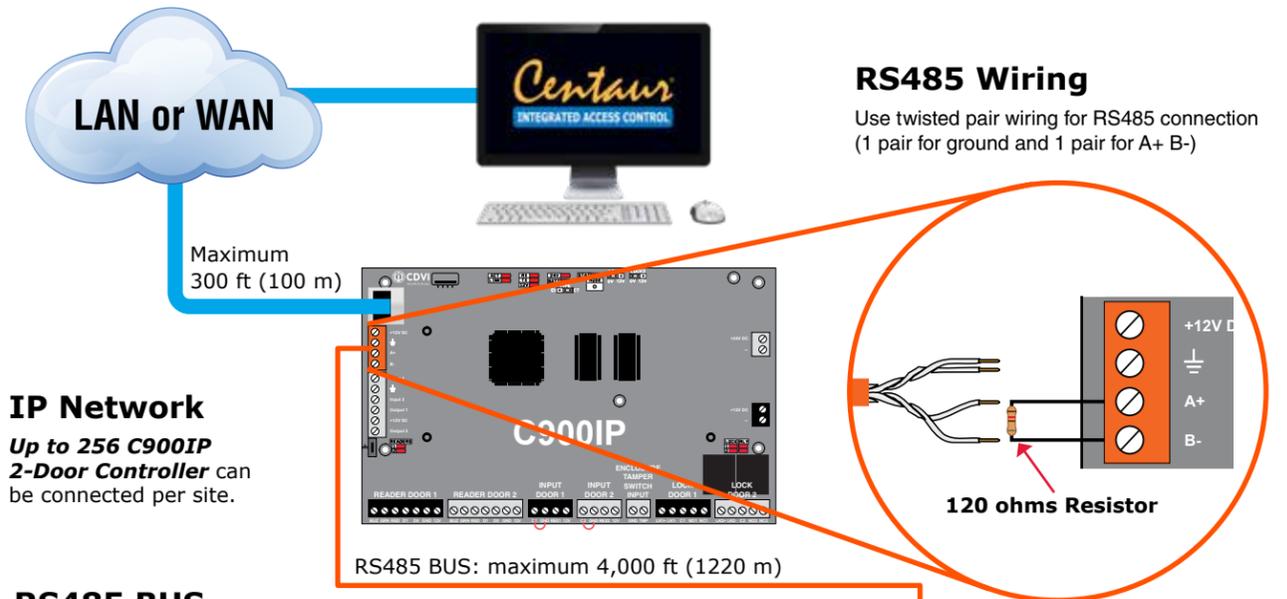
Scan the QR Code with your smartphone for the C900IP manual



or visit CDVI website to download the manuals : www.cdvi.ca

1 C900IP NETWORK CONNECTIVITY

Up to 256 C900IP controllers per site, for a maximum of 2,048 doors



RS485 BUS

Up to 3 CA-A470-A 2-door expander can be connected on the C900IP RS485 port, for a maximum of 2,048 doors per site.

EOL Jumper

The EOL jumper of the module located at the end of the RS485 network loop must be set to "ON". For all modules in between, EOL must be set to OFF.

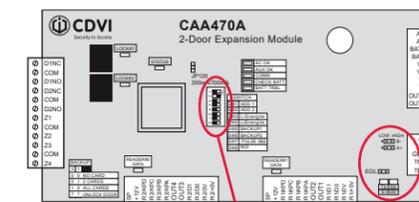
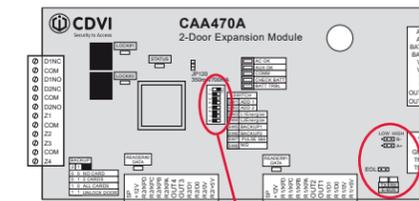
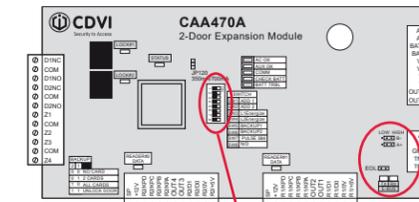
HIGH/LOW Bias jumpers

The Bias jumpers (A+, B-) of the module located at the end of the RS485 network loop must be set to "Low". For all modules in between, Bias jumpers must be set to "High".

These jumper settings apply to any CENTAUR module connected to the C900IP RS485 network.

Here is the list of modules that can be connected to the C900IP and the maximum capacity per RS485 loop:

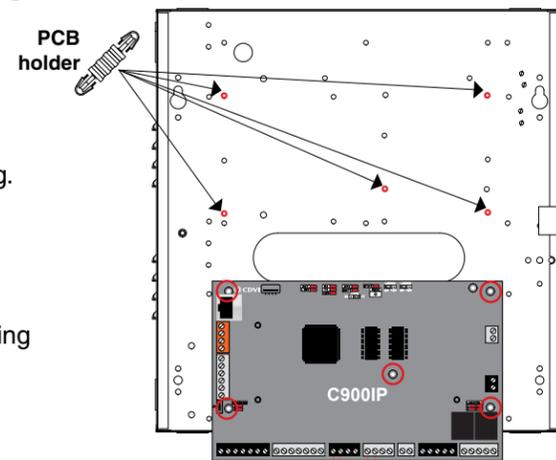
- CA-A470-A 2-Door Expander: 3
- CA-A480-A Elevator Controller: 8
- CA-A460-A Relay Module: 2
- CK-TRAK-L LCD Display Module: 8



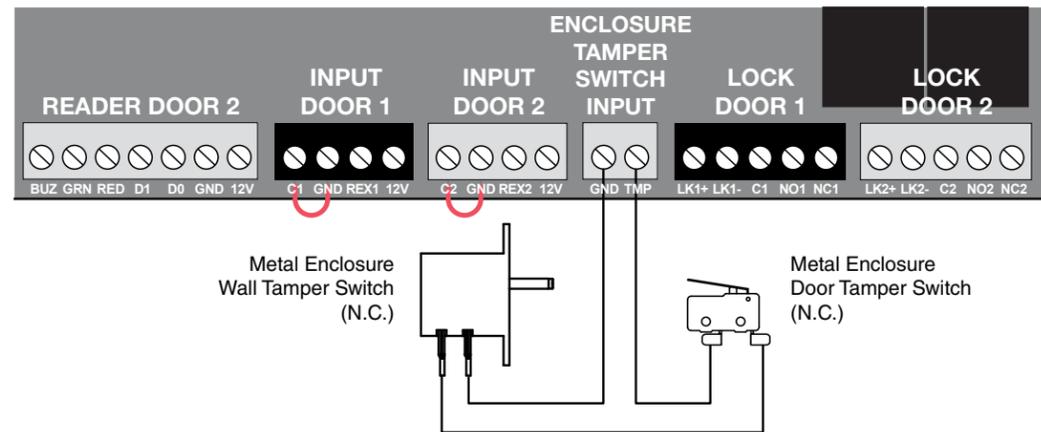
2 FIX METAL ENCLOSURE & C900IP PCB

Install indoors in a safe and secure location. Suggested locations are electrical rooms, communication equipment rooms, closets or in the ceiling.

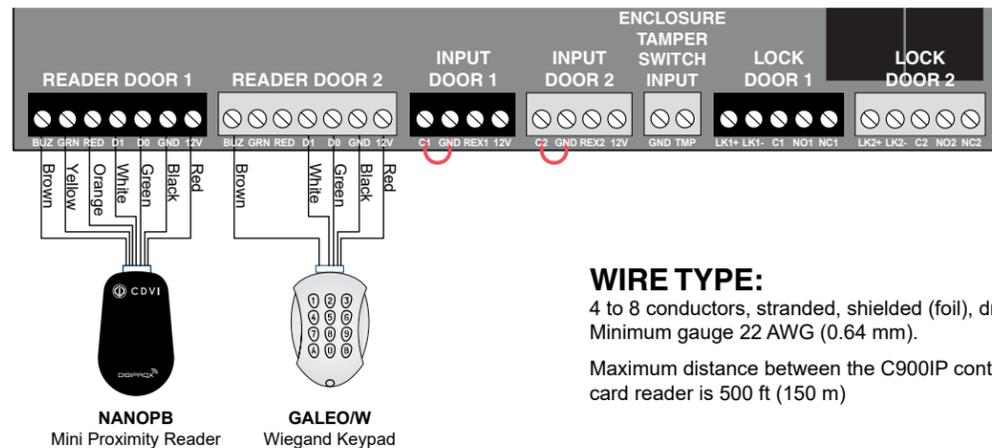
1. Fix the wall and door enclosure tamper switch.
2. Install the metal enclosure on the wall.
3. Mount the C900IP pcb inside the metal enclosure using pcb holders (Arrow head on the drawing).



3 CONNECT METAL ENCLOSURE TAMPER SWITCHES



4 CONNECT WIEGAND CARD READER OR KEYPAD



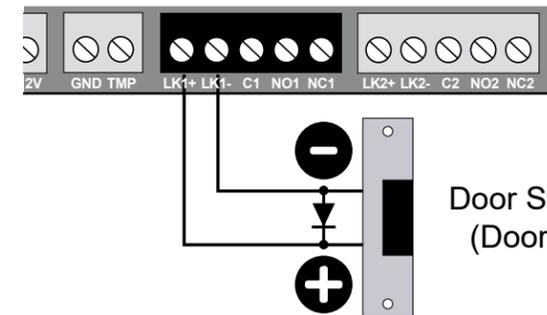
WIRE TYPE:

4 to 8 conductors, stranded, shielded (foil), drain conductor. Minimum gauge 22 AWG (0.64 mm).

Maximum distance between the C900IP controller and the card reader is 500 ft (150 m)

5 CONNECT THE LOCK

Each C900IP lock output (LK1 & LK2) provides 12 VDC/750 mA.



Lock output (LK1 & LK2):

By default, the lock outputs are set to "De-energize" (Fail Secure) lock.

To change the setting of the lock output, start the CENTAUR software, go to the C900IP door properties and select the "General" tab. Then, change the lock control as needed:

- "De-energize" for Fail Secure lock (default).
- "Energize" for Fail Safe lock.

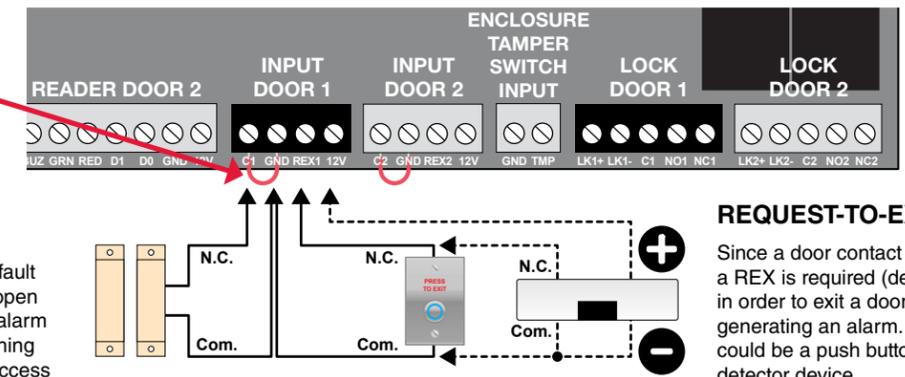


Refer to the full manual for the installation of lock working on 24 VDC using our on-board dry contact and an external power supply.

6 CONNECT THE DOOR CONTACT & REQUEST-TO-EXIT



Remove the jumper from the terminal before installing the door contact



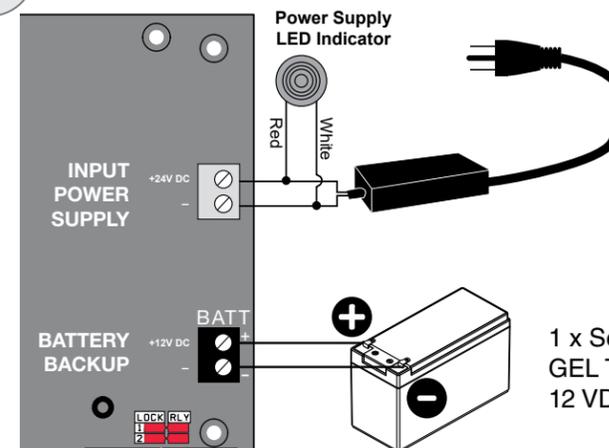
DOOR CONTACT

A door contact is required (default N.C.) to monitor door status (open or closed). It will generate an alarm (card reader beeping and flashing red) on a door forced event (access not allowed) or door open too long.

REQUEST-TO-EXIT (REX)

Since a door contact is operational, a REX is required (default N.C.) in order to exit a door without generating an alarm. The REX could be a push button or motion detector device.

7 CONNECT THE POWER SUPPLY TERMINAL & BACKUP BATTERY



Plug the two pin terminal, to which LED and pre-installed universal power supply are connected, to the C900IP pcb input power supply.



Always disconnect power terminal prior to service

1 x Sealed Rechargeable GEL Type Battery 12 VDC @ 7 Ah



Red & black battery cables are provided with the C900IP