



The ATRIUM is an easy-to-use and powerful access control system (up to 10 doors). ATRIUM includes an innovative embedded web server that is fast, simple and secure as can be. From any place in the world, you can manage users/cards, lock/unlock doors instantly, and view system events. The embedded web server provides instant results using any web browser, smart phone or tablet.



## Performance Merging with Simplicity



cdvigroup.com



### Card Readers and Keypads

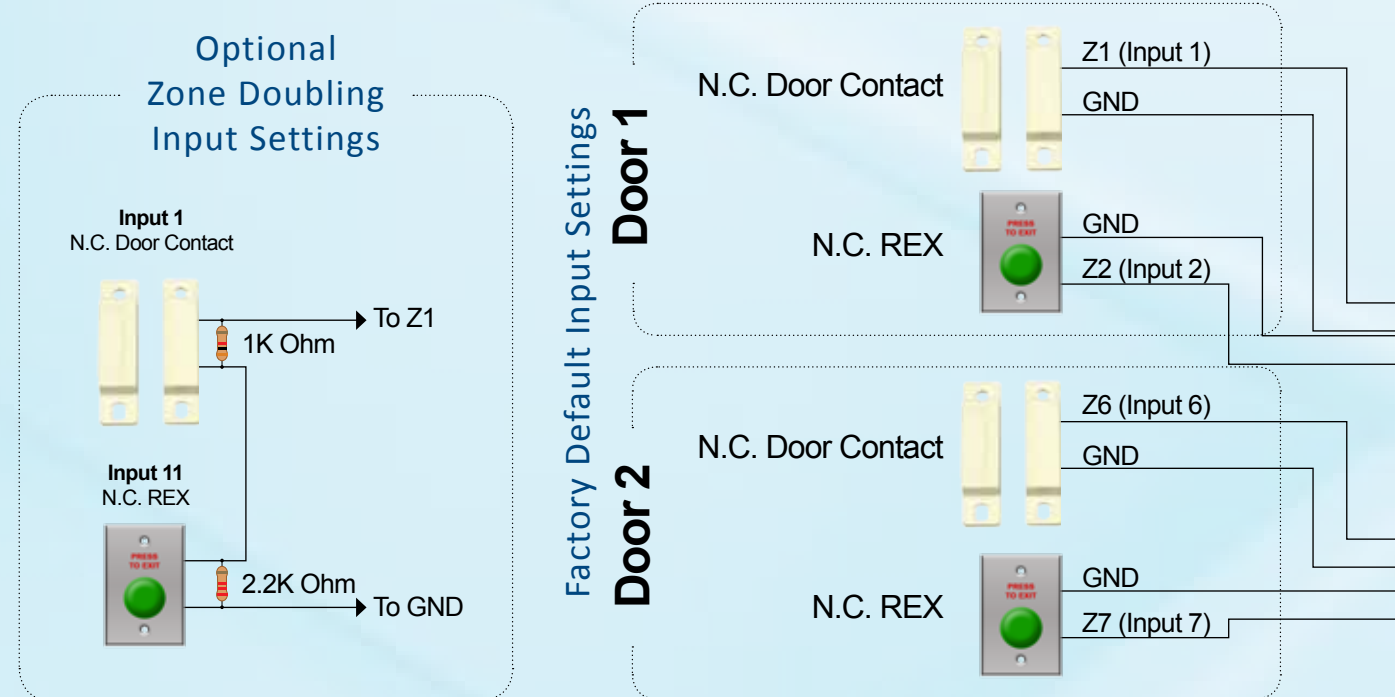


### Proximity Cards and Tags



### Inputs

(10 onboard zone inputs, 20 with zone doubling)



## AC22

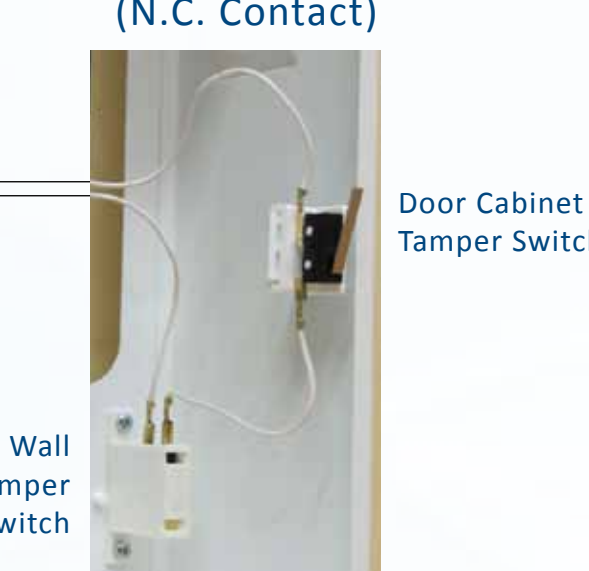
### 2-Door Controller



### Readers

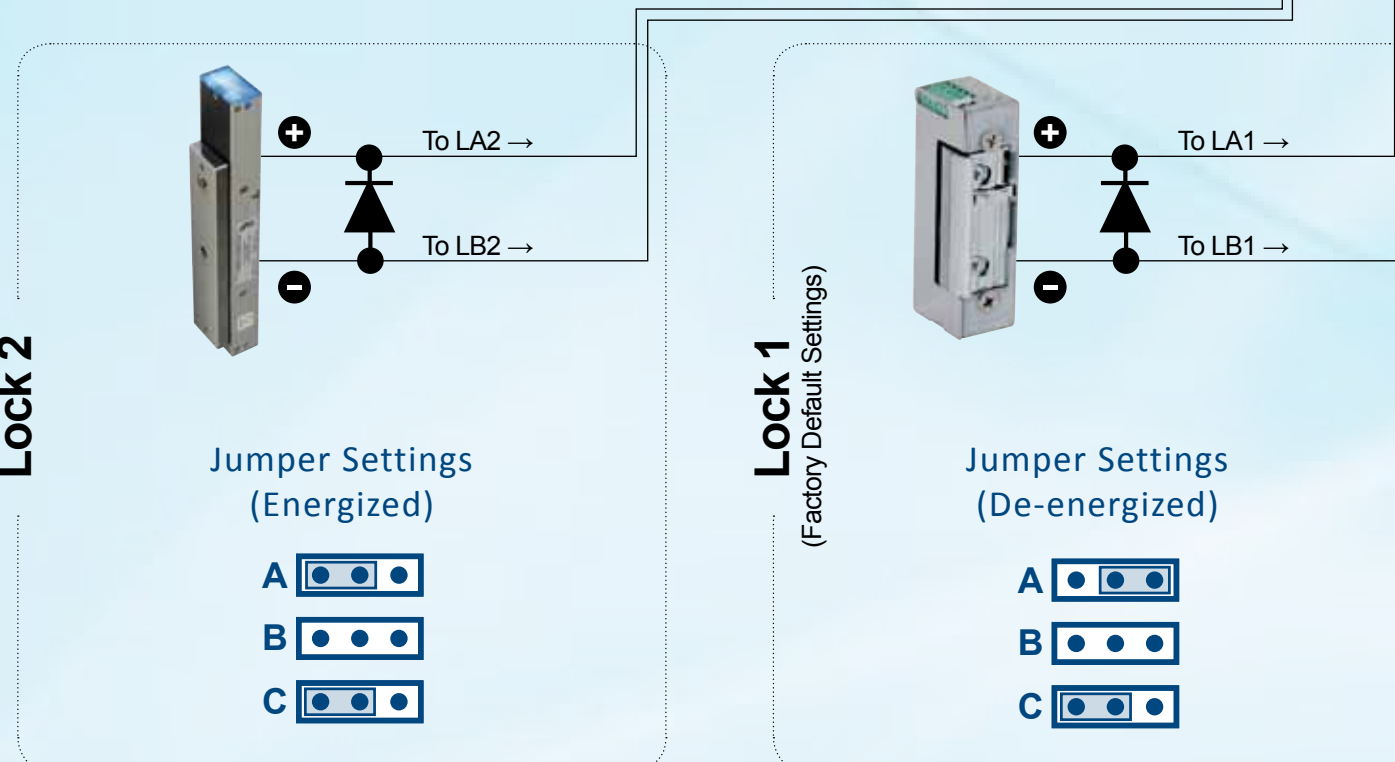


### Tamper Switch



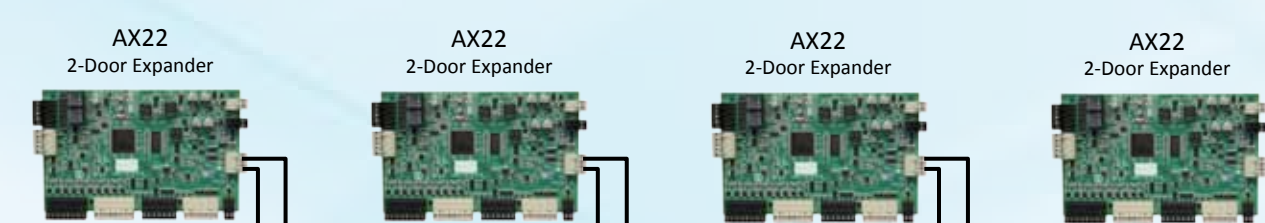
### Door Locks

(2 door locks, 750mA @ 12Vdc output)



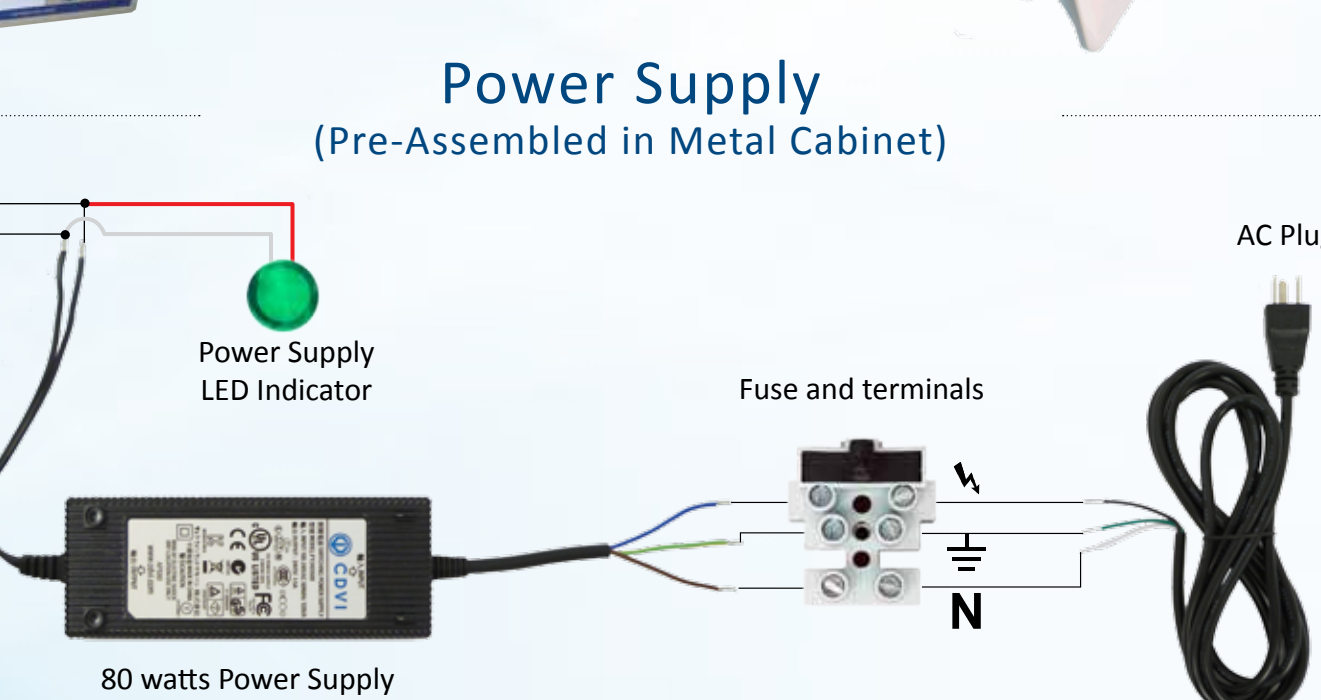
### Expander Module Local Bus (RS485)

The expander module Local Bus supports an overall distance of 1220m (4000 ft.). Daisy chain, star or "Y" configurations (or a mixture of these) are supported.

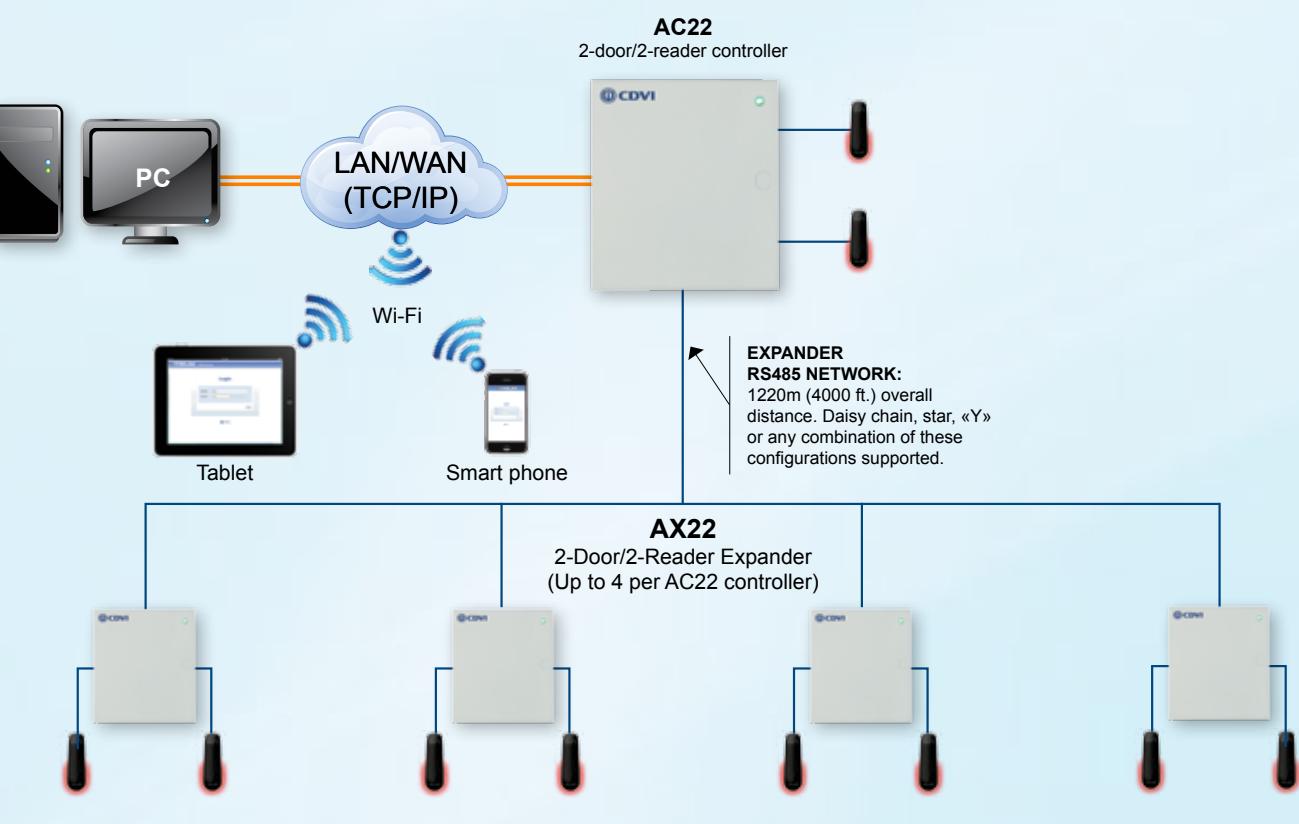


### Battery 12V, 7AH

(UL/ULC: YUASA #NP7-12 recommended, Europe: CDVI B7AH recommended)



## 10-Door Access Control System



Main Features	ATRIUM 10 Door System
Embedded Web Server	✓
Pre-assembled universal power supply (120V / 240V)	✓
Expander module auto-detection	✓
FREE ATRIUM software	✓
Users / Cards	1,000 / 1,000
Areas	10
Inputs	50 (100 using zone doubling)
Schedules /Periods	100 Schedules. Each schedule supports 100 time periods.
Access Levels	100
Event Buffer	1,000



## Card Enrollment Mode in Four Quick & Easy Steps

With today's ever-increasing hectic pace, time is becoming more and more precious. ATRIUM's quick and easy Card Enrollment Mode makes adding or deleting cards faster than ever before. So easy in fact that a computer is no longer required to accomplish these common tasks. You will definitely appreciate this highly effective and speedy feature.

With the addition of each new card (or tag) using the quick and easy card enrollment mode, a user will be created automatically in the ATRIUM system. Personalize the user information using the free ATRIUM software or via the embedded web interface using a browser, smart phone or tablet. No need to download an App!



1. Present the "MASTER CARD" to a reader and open the door. A door position switch (door contact) is required.
2. Within unlock time, present the "PROGRAMMING CARD" to the same reader. LEDs will flash in sequence, 2 Red flashes + 2 Green, to indicate programming mode is activated.
3. Present cards or tags, one by one, to the reader.
  - NEW cards will be ADDED. - Green LED will flash and a pulsed beep will be emitted.
  - EXISTING cards will be DELETED - Red LED will flash & a long beep will be emitted.
4. Present the "PROGRAMMING CARD" again to stop enrollment mode. You are done.

The "MASTER CARD" and "PROGRAMMING CARD" are provided with the ATRIUM system.



## Performance Merging with Simplicity



### AC22 | 2-Door Controller

- Control 2 doors / 2 readers (up to 10 doors with four AX22 2-door expanders)
- Embedded Web Server
- Pre-assembled universal power supply (120V / 240V)
- On-board Ethernet Port with AES 256-bit encryption
- Free ATRIUM software
- On-board RS-485 expansion communication bus
- Expansion module auto-detect technology
- Quick and easy card enrollment procedure
- 10 Inputs (20 using zone doubling technology)
- Totally fuseless system
- Include metal cabinet with cabinet door lock, cabinet door and wall tamper switches
- Bell output (12Vdc @ 3A max., 40W)
- 2 Lock outputs: 750mA @ 12Vdc each (configurable as dry contact relays)
- 2 additional onboard dry contact relays (form C) 5A @ 250Vac, 7A @ 125Vac, 7A @ 30Vdc
- Ultra-fast firmware update (less than 10 seconds)
- Wiegand & ABA Track II magnetic stripe compatible
- Maintenance-friendly snap on terminal connectors
- Comprehensive LED status indicators
- Environment: -22°C to 50°C (-4°F to 122°F)

### AX22 | 2-Door Expander

- Control 2 doors / 2 readers
- 1220m (4000ft.) 4 conductor RS-485 expansion bus (No jumpers or DIP switches)
- 2 Lock outputs: 750mA @ 12Vdc each (configurable as dry contact relays)
- 2 additional onboard dry contact relays (form C) 5A @ 250Vac, 7A @ 125Vac, 7A @ 30Vdc
- Include metal cabinet with cabinet door lock, cabinet door and wall tamper switches
- Wiegand & ABA Track II magnetic stripe compatible
- 10 Inputs (20 using zone doubling technology)
- Comprehensive LED status indicators
- Environment: -22°C to 50°C (-4°F to 122°F)

### ATRIUM KITS

- AC22KITB | Controller Kit**
- 1 x AC22
  - 2 x NANOPB (black mini proximity readers)
- AX22KITB | Expander Kit**
- 1 x AX22
  - 2 x NANOPB (black mini proximity readers)
- ATRIUM kits are also available with mullion (STAR) or single-gang (SOLAR) stylish proximity readers, black or white finish.