RS485 Connection configured as expanders to connect up to four A22s

![Diagram of RS485 Connection]

Additional Set as Expander
Buzzer 1
Green LED 1
+12 V DC
Output 1
Input 2
Input 1
+12 V DC
Red LED 1
DOOR 1 DOOR 1 DOOR 2 DOOR 2

The installer's choice
DATA 1
DATA 0
BUS
LOCAL
RS485

![Diagram of Additional Set as Expander]

The installer's choice
DATA 1
DATA 0
BUS
LOCAL
RS485

Additional Set as Expander
Buzzer 2
Green LED 2
Red LED 2
DATA 0

![Diagram of Additional Set as Expander]

Your Expectations

Card Readers and Keypads

A22KITB
2-Door NANO Kit
- 1 x A22
- 2 x NANOPB (black mini proximity readers)
- 15 credentials (5 x CS, 5 x KTAG and 5 x DISCTAG)
- FREE Software

Pre-assembled universal power supply

A22POEKB
2-Door NANO Kit
- 1 x A22POE
- 2 x NANOPB (black mini proximity readers)
- 15 credentials (5 x CS, 5 x KTAG and 5 x DISCTAG)
- FREE Software

Pre-assembled PoE+ Splitter

Proximity Cards and Tags

CS
Standard Clamshell Card

ISO
Printable ISO Card

KTAG
Black Key Ring Tag

DISCTAG
Mini PVC Adhesive Badge

Elevate Your Expectations

ATRIUM KITS

Card Readers and Keypads

NANOPB
Mini Card Reader

STARPB
Multi-Technology Multi-function Card Reader

SOLARPB
Multi-Technology Card Reader

SOLARRPB
Multi-Technology Card Reader and Keypad

Proximity Cards and Tags

CS
Standard Clamshell Card

ISO
Printable ISO Card

KTAG
Black Key Ring Tag

DISCTAG
Mini PVC Adhesive Badge

The installer’s choice
cdvi.ca
ATRIUM 4.0 raises the bar in terms of door capacity, elevator management, ease of use, product integration and improved communications.

ATRIUM 4.0 increases door capacity from 10 IP connections in previous versions to 50 A22 door controllers connected directly to the network. Manage 500 doors with ease!

CDVI has elevated ATRIUM’s ease of use by using the same A22 controller for doors or elevator cabs! Convert any A22 door controller to an A22EC elevator controller by simply updating the firmware for free. Once converted, an A22EC (Elevator Controller) can manage 256 floors.

An improved web interface adapts to any size phone, tablet or PC screen. Smooth and user-friendly navigation at your finger tips!

ATRIUM’s ADH10 controller now fully integrates Schlage’s new NDE wireless door handles.

A complete overhaul of the communication system has been done in ATRIUM 4.0. Communication speeds are 10 times faster than before!

CDVI engineers constantly work to simplify and improve every aspect of the ATRIUM system.

**ATRIUM elevates expectations once again!**

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**Main Features**

- **NEW** Door Capacity (50 controllers with IP connections) **500**
- **NEW** NEW & Improved Embedded Web Server (Fits your smartphone or tablet screen) ✔
- **NEW** Smart Elevator Controller (Manage up to 256 floors) ✔
- **NEW** PoE+ PoE+ Option ✔
- **NEW** Pre-assembled Universal Power Supply (No Transformer Required) ✔
- **NEW** Auto-detect modules (No DIP Switch) ✔
- **NEW** FREE Software ✔
- **NEW** IP Camera Viewer ✔
- **NEW** Email Notification ✔
- **NEW** Intrusion Integration ✔

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**Supports any combination of 50 A22, A22-EC and/or ADH10 controllers (Manage up to 500 doors)**

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Each GWE can manage up to 10 locks. ADH10 can manage up to 10 GWE. (ADH10 firmware version 3.3.111 or higher)