

## Datasheet

### ATRIUM/ A22 - 2 door controller

#### Product description

The A22 is a 2-door controller part of the ATRIUM product range. The flexibility of the ATRIUM system allows it to control up to 500 doors.

The A22 has a built in web browser, an integral power supply and includes an RS485 communication bus with automatic detection (no risk of errors due to lack of jumpers or DIP switches). The “quick start-up” programming cards allow for easy and fast programming.

The A22 is delivered and built in a metal case with tamper for increased security while providing ample room to make connections.





#### Key features

- Control 2 doors or 2 readers  
*1 Door Read In/Out or 2 Doors Read In Only*
- Area capacity management for social distancing
- Metal cased with tamper for security
- Built in web-server, PSU and battery charger
- Includes free software & free app
- Up to 500 doors, 10,000 users & cards

 Certification

 DEEE

**RoHS** Certification

 -22°C to 50°C

## Communication

### On-board Ethernet:

A22 to A22 (max 50 IP-IP)

**Bus:** RS-485 A22 (max 4 per A22)

**Auto:** detect hardware modules  
(No DIP Switches)

## Reader Support

26, 30 & 44 Bit Wiegand format

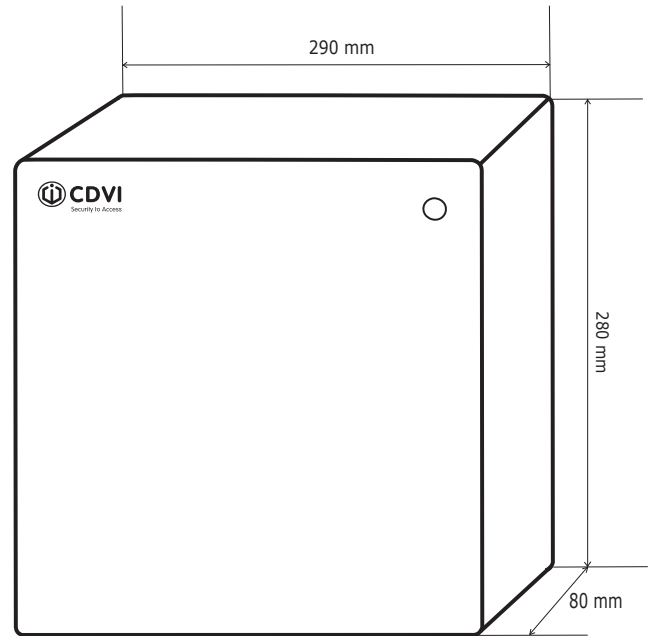
Track 2 ABA

Reader & Keypad (Card & PIN)

CDVI Wiegand and MIFARE® Readers

3rd Party if compatible

128 bit Universal Input



## Input Specifications

**Reader inputs/ports:** 2

**Multi-purpose inputs:** 6  
(12 using zone doubling)

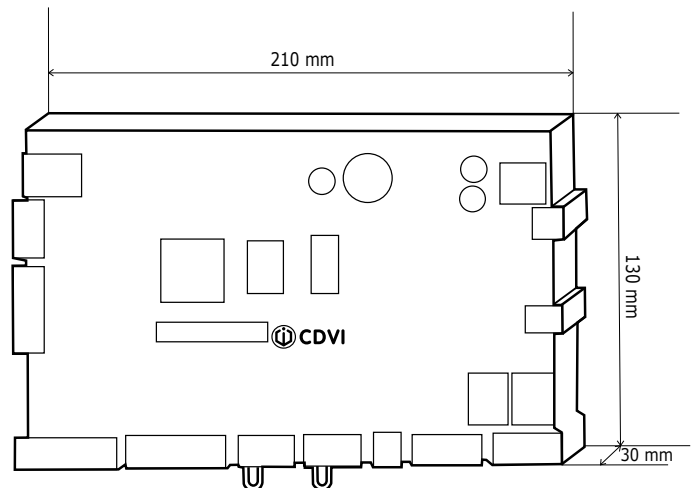
## Output Specifications

### Auxiliary outputs:

1A (12Vdc) Fuseless protection

**Lock outputs:** 2 x (750mA @ 12Vdc)

**Relay outputs:** 2 x Form C relays  
(Dry Contact) 5A @ 250Vac,  
7A @ 125Vac, 7A @ 30Vdc



## Electrical Specifications

**Power input:** 85Vac to 264Vac, 50/60Hz

**Supply current:** 3.3A switching power supply

**Battery backup:** One 12Vdc, 4.5Ah or 7Ah, gel type battery