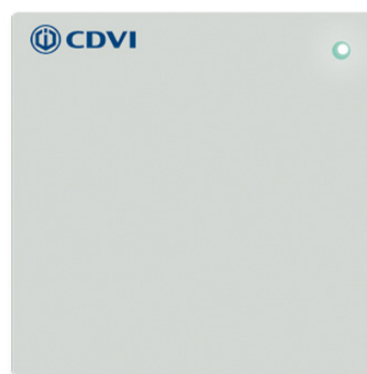


## AP22

The AP22 Controller and Expander marks the integration of CDVI' ATRIUM technology with the Aperio product range and stylish handles.

The secured wireless connection between the ATRIUM module and the handles allow full mobility and easy programming, while still allowing up to 500 doors and 10,000 users on the network.

The AP22 includes an embedded web server that combines performance and simplicity enabling you to manage Users/Cards, lock or unlock doors, view system events and display controller information from anywhere in the world!



### Overview

- Controls 2 doors and 2 readers\*  
*\*1 Door Read In/Out OR 2 Doors Read In Only*
- Aperio controller with web-server
- Built in PSU and battery charger
- Secured Wireless communication
- Auto-detect hardware modules
- Quick and easy card enrolment procedure
- Completely fuseless system
- Up to 500 doors
- Up to 10,000 users
- Up to 10,000 cards
- Up to 25,000 Event Buffer
- FREE Management Software
- Maintenance-friendly snap on terminal connectors



## AP22 - Technical Specifications

### Reader Support

26, 30 & 44 Bit Wiegand format  
Track 2 ABA  
Reader & Keypad (Card & PIN)  
All CDVI Readers/3rd Party if compatible  
128 bit Universal Input

### Communication

On-board Ethernet - AP22 to AP22 (max 10)  
RS-485 Bus - AP22 (max 4 per AP22)  
Auto-detect hardware modules (No DIP Switches)

### On-board Protection

Auxiliary outputs: 1A (12Vdc) Fuseless protection

### Input Specifications

Reader Inputs/Ports: 2  
Multi-purpose inputs: 6 (12 using zone doubling)

### Output Specifications

Lock outputs: 2 (750mA @ 12Vdc)  
+ Combined  
Relay Outputs: 2 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

### Dimensions

Cabinet size: 290 x 280 x 80mm  
PCB dimensions: 210 x 130 x 30mm  
Environment: -22°C to 50°C (-4°F to 122°F)