

# Datasheet

## ATRIUM/ AP22 - Aperio Enabled Controller

### Product description

The AP22 Controller marks the integration of CDVI's ATRIUM product range with the Aperio range of wireless locks and handles.

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

Configurable between 8 wireless handles and 2 wired readers, or 10 wireless handles, the AP22 is delivered and built in a metal case for security while giving ample room to make connections.

**ATRIUM**  
ACCESS CONTROL




### Key features

- Area capacity management for social distancing
- Aperio controller with web-server
- Metal cased for security
- Built in PSU and battery charger
- Includes free software
- Up to 500 doors, 10,000 users & cards

 *Certification*

 *DEEE*

**RoHS** *Certification*

 *-22°C to 50°C*

All the information contained within this document (pictures, drawing, features, dimensions, specifications), could be perceptibly different and can be changed without prior notice. - February 2020 - CDVI\_AP22\_DS\_02\_EN\_A4\_C

## Communication

### On-board Ethernet:

AP22 to Atrium series (max 50 IP-IP)

**Bus:** RS-485 AP22 to AH30 (max 2)

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

## 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  
Aperio wireless products

## Input Specifications

**Reader inputs/ports:** 2

**Wireless handles:** 8

**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

