CDVI
Security to Access

Datasheet

ATRIUM/ A22K - 2-door controller

Product description

The A22K is our 3rd generation of ATRIUM, featuring high levels of encryption and flexibility. The A22K brings high security from enterprise level installations to the mid-market.

The A22K can manage traditional readers and cards as well as offering superior support with the latest high security credentials featuring AES128 bit encryption. Paired with the CDVI K2 series of readers (MIFARE, DESFire EV2 credentials) it provides users with full end to end encryption between card - reader - controller and the wider ATRIUM network to ensure cards cannot be cloned and systems cannot be manipulated with.

KRYPTO HIGH SECURITY SOLUTION

ATRIUM ACCESS CONTROL

FULLY ENCRYPTED

Key features

- 2 doors & 4 readers supported
  Read In, Read Out
- Area capacity management for social distancing
- End-to-End AES encryption
- Secure HTTPS (SSL/TLS) web browser
- Includes free software & free app
- Up to 500 doors, 10,000 users & cards

CE *Certification*

DEEE

RoHS *Certification*

-20°C to 70°C

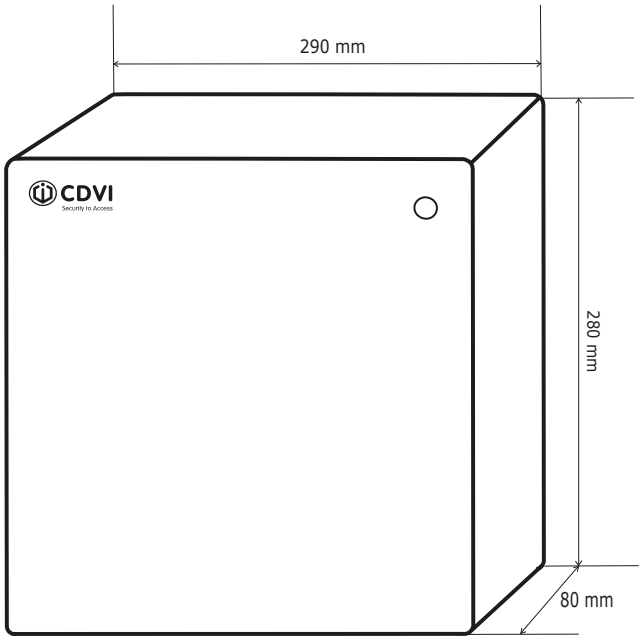
Unit B1 Knaves Beech Business Centre,
Davies Way, Loudwater,
High Wycombe HP10 9QR

10 YEAR WARRANTY

technical@cdvi.co.uk
+44 (0) 1628 531300
www.cdvi.co.uk

Communication

On-board Ethernet:
A22K to A22K (max 50 IP-IP)
Bus: RS485 A22K (max 4 per A22K)
Auto: detect hardware modules
(No DIP Switches)

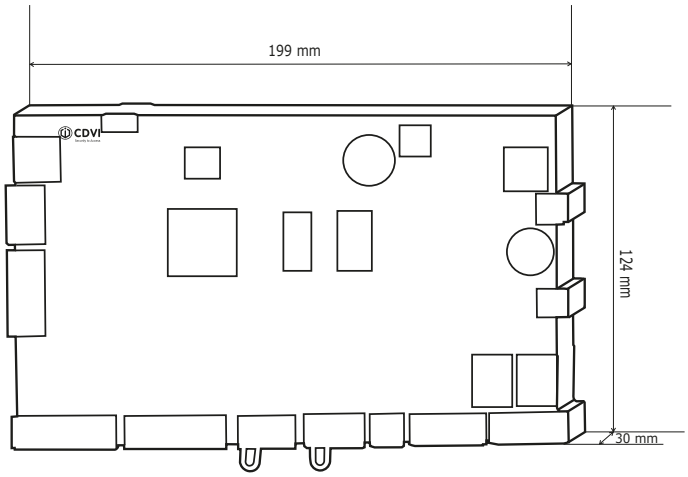


Reader Support

OSDP V2 compatible
26, 30 & 44 Bit Wiegand format
Track 2 ABA
Reader & Keypad (Card & PIN)
K2 CDVI Reader or all other CDVI Readers
3rd Party if compatible

Input Specifications

Reader inputs/ports: 2 Wiegand readers
OR 4 RS485 high security readers
Multi-purpose inputs: 6
(12 using zone doubling)



Output Specifications

Auxiliary outputs:
12Vdc @ 1A (fuseless protection)
Lock outputs: 2 x (Max 750mA @12Vdc)
Relay outputs: 2 x Form C relays
(Dry Contact) 5A @250Vac,
7A @125Vac, 7A @30Vdc

Electrical Specifications

Power input: 120 Vac to 240Vac, 50/60Hz
Charging current: 250mA (default), 500mA, or 1A
Battery backup: One 12Vdc 7Ah rechargeable acid/lead or gel cell backup battery (Europe: CDVI B7AH recommended). Ensure proper polarity.

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