

# CDC4-4

## Intelligent 4 door / lift controller



### OVERVIEW

The CDC4 is a 4 door & lift controller. It provides for a complete and versatile access control solution to extend the Axon series system with advanced access control functions. It provides a fully integrated real time alarm and access control for four doors or lifts, with power supply and housing.

The CDC4 door / lift controller can operate off-line with no degradation in performances, should communication with the Axon series panel fail. This combined intrusion and access solution reduces wiring and required devices as the same devices like readers and inputs can be used for both purposes. The controller offers combined lift and door functionality through selectable operation of each device.

### SPECIAL FEATURES

Besides standard intrusion and access control options, the solution offers special features that are only possible due to the real combination of both. These features vary from changing security on doors when the intrusion area has disarmed, locking doors when the intrusion area arms, preventing access based on the intrusion area status or starting automatic arming when the last user has left an access control region. Special access control features include High Secure users for high secure areas like vaults and support for macro's to complement the standard features. The lift functionality offers a solution where lift floor buttons can be controlled by access levels of users. Outputs referring to floors for that lift will switch to only allow pressing the button for the allowed floors.

### SECURITY

The CDC4 has been designed with focus on security. Not only providing fully encrypted communication between the controller and management application, but also between the CDC4 controller and the Axon series panel, between the card and readers as well as between readers and the CDC4 controller or the Axon series panel. In other words, CDC4 provides communication security from card to software.

### PROGRAMMING

Programming of the CDC4 is achieved through connection to ATS8500 software (available free online).

### FEATURES

- Real time alarm & access control on 4 doors / lifts per controller
- Complete database for offline operation
- Any door can be configured as a lift: use both together in one controller
- Full access control features: interlocking, user count, high secure users, anti-passback with regions
- Up to 65532 users with card and/or PIN
- Up to 24 readers per CDC4 and 6 per door
- Two local databuses with configurable protocol
- Supporting Secure readers, OSDP readers and wireless locks
- On board inputs, door relays, IP connection and expansion options
- Anti-passback between all door controllers connected to Axon series)

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### SPECIFICATIONS

General	
Expander type	Door controller
Product line	Axon
Connection type	Databus connection
Max. distance from panel	1.5 km using advised cable
Max. per panel	Up to 12, depending on intrusion panel
Specified cable	Shielded RS485
System	
Users	65,532
PIN codes	All
Door groups	128 to 50,000
Timezones / holidays	24 to 1000
Addressing	DIP Switches
End-of-line resistor	Selectable
Inputs	
Total	32 for intrusion use
Onboard	8
Expandable	24 for intrusion use
Outputs	
Total	16 for intrusion use
Onboard	4
Expandable	8
Types of outputs	Relay / Open Collector
Relays	4
Maximum number of outputs	128
Siren outputs	1
Backup	
Battery type	Up to 26 Ah Max 18 Ah in housing
Dynamic battery testing	Supported
Electrical	
Power supply type	230 VAC
Power supply value	230 VAC +10%, -15%, 50 Hz
Power consumption	3A at 13.8 VDC
Current consumption	251 mA (incl Ethernet)
Integrated power supply	Yes
Physical	
Physical dimensions	176 x 52 mm
Colour	Black
Material	Steel (painted)
Housing	Metal
Environmental	
Operating temperature	-10 to +55°C
Storage temperature	-20 to +80°C
Environment	Indoor
IP rating	IP 31
Relative humidity	95% noncondensing
Regulatory	
Compliance	CE, RCM