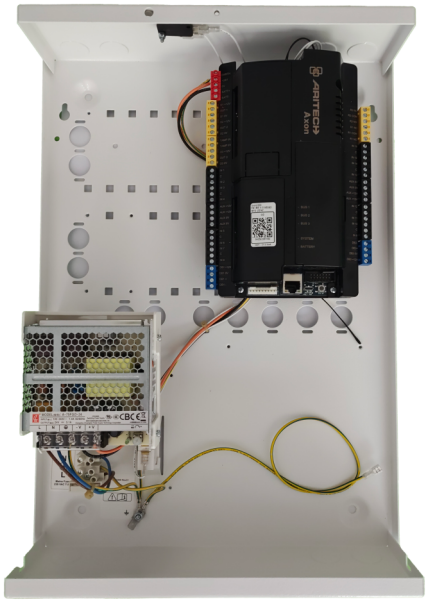
AXON2600-BUNDLE-1

Access door controller from 2 to 6 doors, scalable up to 102 doors with CDC4(-EN) in extended mode with ATS8600.

Axon Access Door controller

Axon2600-MM is a door controller fully dedicated to access control.
Axon2600-MM is the master door controller of an access control solution from 2 up to 102 doors.
With 2 relays on board and 4 extra relays with the plugable ATS624, this door controller offers the possibility to start a scalable installation for a competitive budget.
With the 2 auxiliary supply ouputs of 12V & 1.1A, it is possible to power until 4 magnet locks without any extra power supply.
Mobil App (iOS & Android) is available for free for installer & supervisor.
This mobil app is dedicated to the access control and powerfull to the end user.
A intuitive webpage is also available for the installer and the end user.



Axon2600-MM solution

The Axon2600-MM is the centerpiece of the access control solution of Aritech.
This solution is designed to respond to the requirements of the small and medium installations.
This solution is compatible with ATS accessories and readers, such as ATS1125, ATS118x serie, ATS7341, AST1811, ATS1210, ATS1744, ATS1740, etc.

Readers & Cyber Security

Axon2600-MM is compatible with the Mifare DesFire technology.
By using the Aritech Mifare DesFire badges preconfigured with the Aritech private application, it is very easy to make an installation with an high level of cyber security.
The flexibility of the Axon2600-MM gives the possibility to use customized badges with their own private application.
The complete eco system of the Axon2600-MM has the same cyber security level than Aritech products certified NFA2P @ Cyber level 3.
It means that the Webpage (HTTPS), the mobil App, the Ultrasync communication and the bus (ATS LAN & OSDP) are compliant with the cyber requirements for a modern connected equipment.

Webserver

Axon2600-MM provides the possibility to be configured by using a secured web page.
This web page gives the possibility, without any tools, to do the full configuration of the Axon2600-MM : hardware and users.
The access at the features of the web page is depending of the profile

Details

- From 2 to 6 doors : 2 on board + 4 with ATS624
- Up to 54 doors with 12 x CDC4 (-EN) in standard mode, 102 doors in extended mode with ATS8600.
- Web server interface for an easy configuration and users management (End User)
- Mobile App (Advisor Advanced Pro) with user interface dedicated to access control
- UltraSync cyber connectivity for friendly remote access for free
- 65 532 users natively (no need of CDC4)
- Connectivity via Ethernet or GSM 4G (ATS7341)
- 16 inputs on board, expandable
- 2/6 relays outputs, exapndable + 3 switched voltage outputs
- 1 bus ATS LAN
- 1 Bus OSDP V2 (Bus 3)
- Compatible with Mifare readers : ATS118x serie (bus1)
- Compatible with OSDP V2 Mifare DesFire readers : HID, STid
- Comptable with RF lock : Ulhman & Zacher (Bus 3), Aperio (with CDC4)
- System event transmission to monitoring station (UltraSync protocole)
- ATS8600 compatibility via Direct IP or UltraSync
- USB port for local configuration with the ATS8500.
- 18Ah battery can be insalled in the cabinet to ensure backup time
- Max number of readers : 12 with Axon2600-MM and 32 for each CDC4(-EN)

of the user logged : installer or supervisor.
The access to the page server can be configured in HTTP or HTTPS by using your own SSL certificate that you can dowload in the door controller.
The installer can have access at this web page via the UltraSync portal.
The Webpage has an intuitive interface, who gives to the end user the possibility to manage the users easily, group of users, doors, door groups and schedules, in complete autonomy.

Wireless equipment

Axon2600-MM is compatible with the ATS1236 and hub for wireless locks.
The Ulhman & Zacher hub is directly compatible with the OSDP bus 3 and offers the possibility to manage 6 wireless locks.
These locks can be managed from the web page and mobile application as standard doors : it means they can be opened, locked or disabled remotely.
In asscociation with the ATS1236 it is possible to obtain the position of the door with a wireless magnetic contact.
In conclusion it is possible to have a fully wireless solution without any wiring.
This solution is also available with the CDC4(-EN).

Communication

The communication of the Axon2600-MM can be done via Ethernet or 4G GSM module (ATS7341).
Establish this communication is easy, as using the UltraSync protocole (VPN).
When the Axon2600-MM is connected to UltraSync, the remote connection of the mobile app, ATS8600 & ATS8500 is possible for free.
With UltraSync protocole, the system event types of Axon2600 can be monitored by a CMS : main fault, low battery ...

Firmware update

As a modern connected equipment, the Axon2600 firmware can be upgraded by using multiple ways :
- with the ATS8500 : in direct IP connection or with UltraSync
- USB port

Flexibility

As an Aritech product the Axon2600 has the possibility to be configured to respond at different scenarios.
The triggers, filters and schedules are available to activate the outputs.

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Technical specifications

System

Controller type	Door controller
Maximum bus length	ATS LAN : 1500m (expandable) OSDP V2 Bus : 1500m
Max. no. of access levels	128
Max. no. of PIN code digits	4
Max. no. of holidays	365
PCB Only	Yes
LCD intrusion keypad	Yes
Language installation manual	English, French

Readers / doors

Max. no. of doors	6
Max. no. of readers	12

Users / cards

Max. no. of cardholders	65532
Offline badge capacity	65532

Interfaces

Reader interface	OSDP V2 Secure Channel
Host connection	RS485

Communication

Bus interface	RS485
IP type	IP Version 4
IP addressing	DHCP, Fixed IP
IP port speed	10 Mbit

Inputs / outputs

Max. no. of inputs	16
Max. no. of outputs	6 (extendable)
Output types	Relays

Electrical

Operating voltage	230VAC
Power supply type	12 VDC
Power supply value	2.5A total Auxiliary : 2 x 1.1A

Physical

Physical dimensions	315 x 445 x 88 mm
Net weight	4.9Kg
Colour	White
Material	Metal

Environmental

Operating temperature	-10°C +55°C
Environment	EN50130-5 ; Class II - Indoor (general)
IP rating	IP31

Regulatory

Compliancy	CE

Event log

Max. no. of events	20000 for access events

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