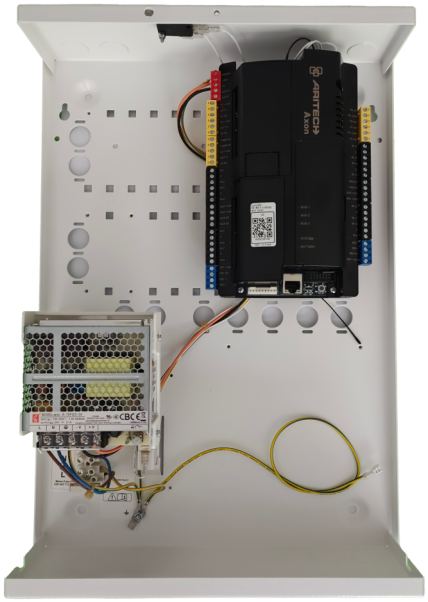
AXON2600-BUNDLE-1

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

Détails

- 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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Spécifications techniques

Système

Type de contrôleur	Contrôleur de porte
Capacité maximale du bus	ATS LAN : 1500m (expandable) OSDP V2 Bus : 1500m
Nombre max. de niveaux d'accès	128
Nombre max. de codes PIN	4
Nombre max. de vacances	365
PCB seul	Oui
Clavier LCD Intrusion	Oui
Langue du manuel d'installation	English, French

Lecteurs / portes

Nombre maximum de portes	6
Nbre max. de lecteurs	12

Utilisateurs / cartes

Nbre max. de titulaires de carte	65532
Capacité du badge hors connexion	65532

Interfaces

Interface lecteur	OSDP V2 Secure Channel
Connexion hôte	RS485

Communication

Interface de bus	RS485
Type IP	IP Version 4
Adressage IP	DHCP, Fixed IP
Vitesse du port IP	10 Mbit

Entrées / sorties

Nbre max. d'entrées	16
Nbre max. de sorties	6 (extendable)
Types de sortie	Relays

Électrique

Tension de fonctionnement	230VAC
Type de bloc d’alimentation	12 VDC
Valeur de l'alimentation	2.5A total Auxiliary : 2 x 1.1A

Caractéristiques physiques

Dimensions physiques	315 x 445 x 88 mm
Poids net	4.9Kg
Couleur	Blanc
Matériel	Métal

Environnement

Température de fonctionnement	-10°C +55°C
Environnement	EN50130-5 ; Classe II - Intérieur (général)
Indice de protection	IP31

Régulateur

Conformité	CE

Journal des événements

Nbre max. d'événements	20000 for access events

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