

Aurora AAC-1004 Access Control Kit

The AAC-1004 is a powerful and cost effective 2-8 door traditional style controller, designed to be easily scalable and make retrofits seamless. This kit consists of a master controller and expansion boards mounted in an AAC-2301 enclosure.

Powered by a built-in eFlow6NB power supply mounted inside the enclosure. Controllers connect via single TCP/IP to local or external PN server for configuration data and event management. Expansion boards connect via RS485 in the same enclosure or remotely.



SPECIFICATIONS

HARD WARE COMPONENT INCLUDED

- ▶ 1 x AAC-2201 : Master controller that distributes power, communication and commands to up to 4 AAC-1003 boards.
- ▶ 4 x AAC-1003 : Two door expansion boards. Receives commands and power from AAC-2201.
- ▶ 1 x AAC-2302 : Steel, lockable wall mounted enclosure. 21.75" W x 27.25" H x 6.5" D with THC2 backplane.
- ▶ 1 x eFlow6NB : Altronix 12VDC @ 10A power supply mounted inside enclosure.

AAC-2302- Encloser

- Dimensions: 14.5" W x 18" H x 4.62" D (368mm W x 457mm H x 118mm D)
- Weight: 11.8 lbs (5.35 kg)
- The THC1 Backplane includes stand-offs for eFlow6NB power supply and Controllers
- 16AWG powder coated steel enclosure
- 9 x 0.50" / 0.75" combination knockouts
- 1 x 1.5" knockout
- UL 294 / CE Listings

EFlow6NB Power Supply

- Input rating: 120VAC 60Hz, 3.5A
- Output Rating: 12VDC at 10A
- 1 x Port for battery backup with built in charging Standard 12VDC 7Ah Dry Cell battery (not included)
- Supervised fire alarm disconnect, operates on a normally open (NO) or normally closed (NC) trigger
- Short circuit and overload protection
- AC Fail supervision

Communication

- Between master controller and PN web server:
1 x Ethernet 10/100 Mbps
- Between master controller and Expansion modules:
2 x RS485 port with power

Outputs

- 8 x Lock relay - supply power (12V, 500mA) to the lock, Overcurrent protection
- 16 x Solid State Relay (TVS circuit limits 24V), 1A limit
- Wire Gauge / Type: 2-conductor stranded 18 AWG
- Length: up to 152 m or 500 ft

Users

- Holds 100,000 cardholders

Display

- 2-line x 16-character LCD Display
- 5 heartbeat LED's
- 5 on / off line indication LED's
- 3 power LED's
- 5 RS485 status LED's
- 24 relay output indication LED's
- 4 input received LED's
- 8 reader LED's
- 2 network LED's

Inputs

- 24 x fully configurable inputs including supervised or digital input setting, includes door contact, exit button, external request to exit motion etc.
- Wire Gauge / Type: 2-conductor stranded 22 AWG
- Shield: Recommended
- Length: up to 152 m or 500 ft
- 8 x Wiegand Reader Inputs

Schedule

- Unlimited Door Time Zones (20 zones per time zone)
- 256 User Time Zones
- 32 One-Time Special Event Door Time Zones (single zone)
- 50 Door / User Holiday Groups
- Supports Input Time zones
- Supports Output Time zones

Events

- Holds 50,000 events

Time

- Maintains up to 1 month without power connection
- No battery needed
- Automatic DST switch

MISC

- Sound: Piezo buzzer
- 32-bit microprocessor
- Remote Firmware upgradable
- UL 294 / ULC S319-05 listed