AIOM

The AIOM is a 10 input/output module compatible with the ATRIUM technology.

The AIOM has a built in web browser, an integral power supply and includes an RS485 communication bus with automatic detection (no risk of errors due to lack of jumpers or DIP switches).
The AIOM is delivered and built in a metal case for security while giving ample room to make connections.

The AIOM includes an embedded web server that combines performance and simplicity enabling you to manage Users/Cards, view system events and display controller information from anywhere in the world!

Overview

- Secured Wireless communication
- Auto-detect hardware modules
- Quick and easy card enrolment procedure
- Completely fuseless system
- Up to 500 doors
- Up to 10,000 users
- Up to 10,000 cards
- Up to 25,000 Event Buffer
- FREE Management Software
- Maintenance-friendly snap on terminal connectors

AIOM - Technical Specifications

Reader Support

26, 30 & 44 Bit Wiegand format
Track 2 ABA
Reader & Keypad (Card & PIN)
All CDVI Readers/3rd Party if compatible
128 bit Universal Input

Communication

On-board Ethernet - AIOM to AIOM (max 10)
RS-485 Bus - AIOM (max 4 per AIOM)
Auto-detect hardware modules (No DIP Switches)

On-board Protection

Auxiliary outputs: 1A (12Vdc) Fuseless protection

Input Specifications

Reader Inputs/Ports: 10
Multi-purpose inputs: 10 (20 using zone doubling)

Output Specifications

Lock outputs: 2 (750mA @ 12Vdc)
+ Combined
Relay Outputs: 10 Form C relays (Dry Contact) 5A @ 250Vac, 7A @ 125Vac, 7A @ 30Vdc

Electrical Specifications

Power input: 85Vac to 264Vac, 50/60Hz
Supply Current: 3.3A switching power supply
Battery backup: One 12Vdc, 4.5Ah or 7Ah, gel type battery

Dimensions

Cabinet size: 290 x 280 x 80mm
PCB dimensions: 210 x 130 x 30mm
Environment: -22°C to 50°C (-4°F to 122°F)