

Monitor AFx™ Door Controllers

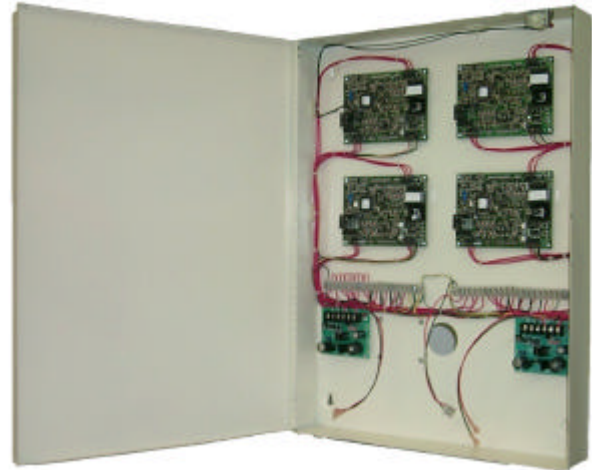
- 2 Door Controller
- 2/4/6/8-Door Controllers
- Pre-Wired Packages Ready to Install (for local or central installation)
- Full In/Out Capability
- Built-in Specialized Features

The Monitor AFx™ door controllers enable comprehensive access control functionality that is both modular for ease of expansion, and highly configurable to suit your clients' exact needs.

Each door controller provides complete control for 2 door, 4 reader (IN/OUT) applications. Fail-safe operation is provided in each controller by a local fallback user database, providing access for designated personnel in the event of a communications problem.

Door controller packages feature ready to use 2-door controllers (small cabinet) for the Monitor AFx™ system, enabling you to control up to 16 doors by simply adding as many 2 door controllers as needed.

Door controller packages can be purchased in 2-door (small cabinet, ideal for local or above the door/near the door decentralized installation), or 4, 6 and 8 door configurations (large cabinet, as illustrated, ideal for centralized installation in an electrical room), allowing for up to 32 doors per control panel.



Enterprise 8-door controller (large cabinet)

The Monitor AFx™ door controller packages integrate access control and intrusion features, featuring integrated tamper, door contacts, Request to Exit (RTE) and magnetic lock bond sensors.

With the ability to reside up to 2,000 feet (700m) from the Monitor AFx™ control panel, the door controller package may be installed in the most effective location. The door controller can operate with cable distances of up to 500 feet (150m) to each reader. Each door controller supports Wiegand, Magnetic Stripe and Proximity readers. An optional Wiegand keypad is also supported for Card + PIN applications.

The Monitor Door Controller POD houses an onboard security feature, which permits access to authorized personnel only. The integrity of the system is continuously monitored to ensure uncompromised protection.

ISO 9002-94



Cert # 000879

Specifications Door Controller Packages

Specifications per panel	
In/Out Doors	Up to 32 per panel
Readers	Up to 64 per panel
Inputs	Door sensor (2) Request to Exit
Auxiliary Input	Magnetic lock bond sense or extended door opener (ADA)
Outputs	Reader buzzer out Door held open/door forced Door opener (ADA)
Auxiliary Output	Wiegand Magnetic Stripe Proximity Monitor AFx Arming Station
Reader Compatibility	Reader tamper 5 or 12VDC reader power
Reader Features	Normally closed Normally Open or Closed with End-of-Line Form C with End-of-Line Dual End-of-Line
Supervision	Door unlock relay LEDs Auxiliary relay LEDs Board status LED Communications LED Low power LED
Built-In Diagnostics	Small cabinet 10.1" wide x 14.0" high x 3.2" deep (27x355x80mm)
2-door packages	Large cabinet (17.5" wide, 21.1" high, 3.5" deep) (445mm wide, 612mm high, 89mm deep) For centralized installation
4/6/8 -door cabinet	
Expansion (2-door packages)	Add either 2-door or 4/8-door packages, depending on need
Expansion (4/8-door packages)	Each large cabinet supports up to 4 2-door controller boards. Within the cabinet, add boards until you reach 4 boards.
Power Supplies (2-door packages)	One 2.5A 12VDC power supply (Main Board/Reader Power) Please order power supply for strikes separately
Power Supplies (4/6/8-door packages)	One 2.5A 12VDC power supply for 4 doors Two 2.5A 12VDC power supplies for 6/8 doors Please order power supply for strikes separately
Batteries	Please order separately
Strike/Lock Power Supplies	Please order separately

Standards



Part Numbers

2-door controller package

100-8102 2-door controller in small cabinet, with 1 power supply

100-8105 2-door controller in large cabinet, with 1 power supply

4-door Enterprise door controller package

100-8104 4-door controller in large cabinet with 2 power supply

6-door Enterprise door controller package

100-8106 6-door controller in large cabinet with 3 power supply

8-door controller package

100-8108 8-door controller in large cabinet with 3 power supplies

2-door add-on (to be used with 100-8104, 100-8105, or 100-8106 only)

100-8116 2-door controller board **with** power supply and battery.