

Monitor XL™

Door Controllers



2-door controller
(Small cabinet)



8-door controller
(large cabinet)

OVERVIEW

Monitor XL™ Door Controllers enable comprehensive access control functionality that is both easily expandable and highly configurable. Each door controller provides complete control of two doors and four reader (In/Out) applications. A local fallback user database in each controller provides access for designated personnel in the event of a communications problem.

Door controller packages integrate access control and intrusion features, featuring integrated tamper, door contacts, Request to Exit (RTE) and magnetic lock bond sensors. Packages can reside up to 2000' (700m) from the Monitor XL control panel, so they can always be installed in the most effective location.

The door controller can operate with cable distances of up to 500' (150m) to each reader. Each controller supports Wiegand, Magnetic Stripe and Proximity readers. An optional Wiegand keypad is also supported for Card + PIN applications.

Each controller houses an onboard security feature, which permits access to authorized personnel only. System integrity is continuously monitored to ensure uncompromised protection.

The 2-door controller packages include ready-to-use components (door controller and power supply) housed in a small metal cabinet with room for two batteries and a second power supply for door strikes (if required). These packages are ideal for distributed installation.

The multiple door packages feature large metal cabinets that can house up to four 2-door controllers, as well as all necessary power supplies and batteries. These packages are ideal for centralized installation in a utility room.

STANDARD FEATURES

- Pre-wired and ready to install (for local or central installation)
- Complete control for two doors and four reader (In/Out) applications
- Localized database fallback
- Install up to 2000' (700m) from the Monitor XL control panel
- Controller can operate up to 500' (150m) from each reader
- Supports Wiegand, Magnetic Stripe and Proximity readers
- Supports optional Wiegand keypad for Card + PIN applications
- 2-door and multiple door controller packages

Specifications

2-Door Controller Module

In/Out Doors	2
Readers	4
Inputs	Door sensor (2) Request to Exit
Auxiliary Input	Magnetic lock bond sense or extended door opener (ADA)
Outputs	Reader buzzer out
Auxiliary Output	Door held open/door forced Door opener (ADA)
Reader Compatibility	Wiegand (up to 40-bit), Magnetic Stripe, Proximity, Monitor XL™ Arming Station
Reader Features	Reader tamper 5 or 12 VDC reader power
Supervision	Normally closed Normally Open or Closed with End-of-Line Form C with End-of-Line Dual End-of-Line
Built-In Diagnostics	Door unlock relay LEDs Auxiliary relay LEDs Board status LED Communications LED Low power LED
2 Door Controller (W x H x D)	Small cabinet 10.1 x 14.0 x 3.2 in. (270 x 355 x 80 mm)
4 or 8 Door Cabinet	Large cabinet 17.5 x 21.1 x 3.5 in. (445 x 612 x 89 mm) For centralized installation
Expansion from 4 to 6 doors	Order 120-8216
Expansion from 6 to 8 doors	Order 120-8217
Power Supplies (2 door packages)	One 2.5 A 12 VDC power supply (Main Board/Reader Power)
Power Supplies (more than 2 doors)	One 2.5 A 12 VDC power supply for 4 doors Two 2.5 A 12 VDC power supplies for 6/8 doors
Standards	ULC, UL ICAN, FCC, CE

Note: Order batteries and strike/lock power supplies separately.

Ordering Information

120-8206	2 Door Controller in small cabinet with 1 power supply
120-8209	2 Door Controller in small cabinet with 230V transformer
120-8213	4 Door Controller – (2 x 2-door) in large cabinet with 1 power supply
120-8215	8 Door Controller – (4 x 2-door) in large cabinet with 2 power supplies
120-8216	8 Door Controller – 2-door controller with power supply. Add to a 4-door configuration to obtain 6 doors within the same large cabinet.
120-8217	8 Door Controller – 2-door controller without power supply. Add to a 6-door configuration to obtain 8 doors within the same large cabinet.
120-8510	Transformers – 110 VAC/16.5 V 40 VA plug-in
120-8511 120-8500	Batteries – 7.0 Ah 12 V gel cell
120-8520	Power Supply – To power door strike 6/12/24V 2.5A



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Specifications subject to change without notice.

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