

MONITOR ISM™ Door Controllers

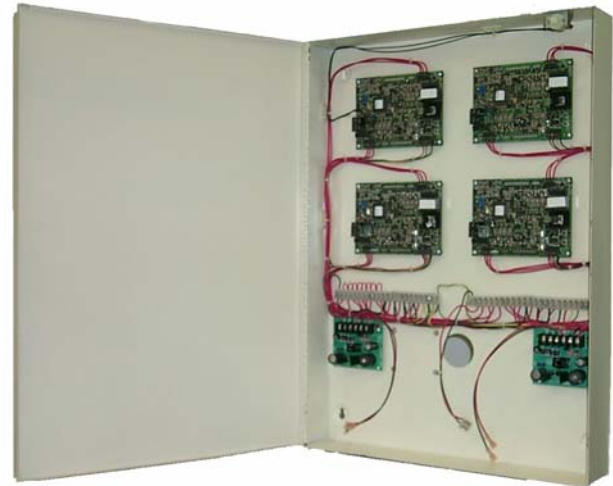
- Pre-Wired Packages Ready to Install (for local or central installation)
- Full In/Out Capability
- Built-in Specialized Features

The MONITOR ISM™ 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 doors, 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.

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

The multiple door packages feature large metal cabinets that can house up to 4 2-door controllers, and all necessary power supplies and batteries. Ideal for centralized installation in a utility room.



Enterprise 8-door controller (large cabinet)

The MONITOR ISM™ 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 2000' (700 m) from the MONITOR ISM™ 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' (150 m) 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 Door Controller houses an onboard security feature, which permits access to authorized personnel only. The integrity of the system is continuously monitored to ensure uncompromised protection.

Specifications Door Controller Packages

Specifications per panel	Prime Version	Enterprise Version*
In/Out Doors	16	32
Readers	32	64
Inputs	Door sensor (2) Request to Exit	Door sensor (2) Request to Exit
Auxiliary Input	Magnetic lock bond sense or extended door opener (ADA)	Magnetic lock bond sense or extended door opener (ADA)
Outputs	Reader buzzer out	Reader buzzer out
Auxiliary Output	Door held open/door forced Door opener (ADA)	Door held open/door forced Door opener (ADA)
Reader Compatibility	Wiegand Magnetic Stripe Proximity MONITOR ISM™ Arming Station	Wiegand Magnetic Stripe Proximity MONITOR ISM™ Arming Station
Reader Features	Reader tamper 5 or 12 VDC reader power	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	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	Door unlock relay LEDs Auxiliary relay LEDs Board status LED Communications LED Low power LED
2 door controller	Small cabinet (270 x 355 x 80 mm) 10.1" wide x 14.0" high x 3.2" deep	Small cabinet (270 x 355 x 80 mm) 10.1" wide x 14.0" high x 3.2" deep
4 or 8 door cabinet	Large cabinet (445 mm wide, 612 mm high, 89 mm deep) (17.5" wide, 21.1" high, 3.5" deep) For centralized installation	Large cabinet (445 mm wide, 612 mm high, 89 mm deep) (17.5" wide, 21.1" high, 3.5" deep) For centralized installation
Expansion from 4 to 6 doors	See 120-8216	See 120-8216
Expansion from 6 to 8 doors	See 120-8217	See 120-8217
Power Supplies (2 door packages)	One 2.5 A 12 VDC power supply (Main Board/Reader Power) Please order power supply for strikes separately	One 2.5 A 12 VDC power supply (Main Board/Reader Power) Please order power supply for strikes separately
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 Please order power supply for strikes separately	One 2.5 A 12 VDC power supply for 4 doors Two 2.5 A 12 VDC power supplies for 6/8 doors Please order power supply for strikes separately
Batteries	Please order separately	Please order separately
Strike/Lock Power Supplies	Please order separately	Please order separately

Standards



Part Numbers

2 door controllers

120-8206 2 door controller in small cabinet with 1 power supply

120-8209 2 door controller in small cabinet with 230V transformer

4 door controller

120-8213 2 2-door controllers in large cabinet with 1 power supply

8 door controller

120-8215 4 2-door controller in large cabinet with 2 power supplies

120-8216 2-door controller **with** power supply. Add to a 4-door configuration to obtain 6 doors within the same large cabinet.

120-8217 2-door controller **without** power supply. Add to a 6-door configuration to obtain 8 doors within the same large cabinet.

Transformers

120-8510 110 VAC 16.5 V 40 VA plug-in

Batteries

120-8500 0.7 Ah 12 V gel cell

Power Supply

120-8520 To power door strikes 6/12/24V 2.5A

Making security easier for you

VEREX Technology, a division of CSG Security, is constantly working to improve products and reserves the right to alter equipment designs and specifications without notice or obligation.

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