VEREX

Making security easier for you

MONITOR ISM™ Security Expander Module

The Security Expander Module assures:

- **Economical and effective intrusion and output point expansion**
- **Minimized installation time**
- **Enhanced security capabilities.**
- **Supports integration with other security technologies**

Economical and Effective System Expansion
When selecting the most effective security solution, or increasing existing protection, it is important that you choose a system that does not limit your expansion capability as your security needs change.

When additional security or a system upgrade is required, the MONITOR ISM™ Security Expander eliminates the need for a more expensive alternative, which can include a complete system replacement. Utilizing distributed processing technology; system expansion is both simple and cost effective.

Minimized Installation Time
Both the 8 and 16 Security Expanders operate on our exclusive SNAPP bus, allowing additional detection devices to be added to the system, often without the need to wire back to the main control panel.

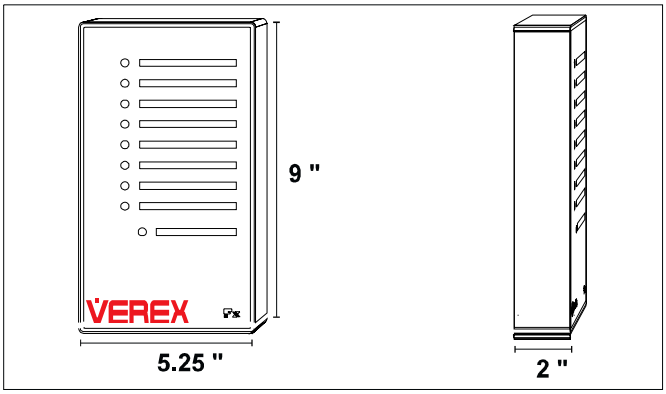
With VEREX Technology's proprietary programming language CAPL, the Security Expander modules multiple output points can be customized to offer the option of integrating access control, closed circuit video and other security, life/safety and environmental systems with MONITOR ISM™.

Visual Indicators
Both Modules provide the option of nine (9) LEDs to visually indicate system and point status.

Multiple Input Circuit Types
8 or 16 supervised inputs can be programmed for any one of five (5) electrical configurations ensuring compatibility with any security application requirement.

Optimized Performance
With the ability to reside up to 2000 feet (700 m) from the MONITOR ISM™ Control Unit, the Security Expander modules can always be installed in the most effective location.

ISO 9002-94 Cert # 000879



Specifications

8 or 16 Point Expander Module

Inputs:
- 8 or 16 two wire inputs

Outputs:
- 2 or 8 outputs (Expandable to 10 or 16)

Supervision:
- Normally closed
- Normally Open with End-of-Line
- Normally Closed with End-of-Line
- Form C with End-of-Line
- Dual End-of-Line

System Architecture:
Local area network utilizing SNAPP protocols. Onboard interpretive programming language (CAPL).

Main Supply:
- Requires no external auxiliary power dependent on the number of devices connected.

Auxiliary power available for sensors, dependent on number of modules and components connected to system.

Enclosure:
133mm wide, 228 mm high, 51 mm deep
(5.25 " wide, 9 " high, 2 " deep)

Material:
Molded plastic, white

Miscellaneous:
- On board tamper protection

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Environmental

Temperature Range:
0° C to 50° C

Humidity Range:
10% to 90%

Designed and tested to withstand RF and powerline interference, static and lightning, to the most prevailing industry standards.

Standards

ULC listed **UL FCC, ICAN, CE**

Part Numbers

120-8109	8 Input / 2 Output Point Security Expander with LED Annunciation
120-8108	8 Input / 10 Output point Security Expander
120-8117	16 Input / 8 Output Point Security Expander with LED Annunciation
120-8116	16 Input / 16 Point Security Expander

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.

5201 Explorer Drive, Mississauga, Ontario, L4W 4H1 Canada

Toll-free (USA & Canada): 1 877.249.9993
Phone: +1 905.206.8434
Fax: +1 905.629.4970

www.verextech.com sales@verextech.com

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