



Autoscope[®] DEMS Detector Expansion Module System

Description

The *Autoscope* Detector Expansion Module Slave (*DEMS*) is used with the Detector Expansion Module Master (*DEMM*), provides a simple solution to wiring detector outputs to a NEMA TS1, TS2, Type 170, or 2070 cabinet where access to the detector input termination points is limited or when the controller software cannot reassign detector inputs.

Each *DEMS* distributes up to four additional outputs from a *TAP* or *RackVision Terra* units. The *DEMS* connects to the *DEMM* with a simple RJ-11 jumper. Placing *DEMS* modules in the appropriate detector rack slots provides desired controller inputs. One *DEMM* supports up to four *DEMS* modules that can distribute up to four groups of four outputs in the cabinet. The jumper matrix on the *DEMM* module is easy to customize for detector outputs to match the current detector rack or Input File configuration.

Output LEDs provide an additional visual indicator of the demand for service to the controller from the *Autoscope TAP* or *RackVision Terra* unit. Three-position switches: "Auto" for normal operation, "Off" to disable output and "Test" verify's proper output configuration.

Benefits

- Distributes all *Autoscope* video detection outputs and can be distributed to the correct controller inputs by using the existing detector rack or Input File configuration
- Eliminate the need to wire directly to terminal blocks on the back of the Input File
- Easily adaptable to rack configuration
- Output LEDs and test switches verify performance and correct output configuration and maintenance.
- Easily expandable by adding additional *DEMS*

Specifications:

Outputs

- Up to four outputs on *DEMS* rear edge connector

Inputs

- Up to four inputs by the front panel RJ-11 connector

Connectors

- One Female RJ-11 connector
- Cinch Jones 50-44A-30M edge connector

Dimensions

- 4.5" x 1.1" x 6.9" (H x W x D)
- 114 mm x 28 mm x 175 mm (H x W x D)

Weight

- 0.26 lb
- 0.12 kg

Environmental

- -34°C to 74°C
- 0 to 95% humidity (non-condensing over entire temperature range)

Warranty

- Two-year warranty

Product Support

- Product support and training is available by the *Autoscope* Technical Support Team

Hardware

- The *DEMS* slides freely into rack card guides having a nominal slot width of 0.075" and a maximum slot width of 0.125". The front panel is minimally 0.90" sheet aluminum with a durable protective coating. An aluminum handle on the front allows easy removal from a detector rack. Nominal outer dimensions of the handle are 1" x 4". The unit may be inserted or removed from a powered detector rack.

Features

- Up to four detector outputs to *DEMS* rear edge connector
- RJ-11 port allows four inputs from *DEMM*
- Single slot width form factor with handle
- Four output LEDs
- Four three-position switches (Auto, Off, and Test)
- Four circuit board jumpers to bypass switches

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