



Autoscope® DEMM Detector Expansion Module

Description

The *Autoscope DEMM* provides a simple solution to wiring detector outputs into 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. The *DEMM* distributes up to four outputs from its rear edge connector. With the addition of the Detector Expansion Module Slave (*DEMS*) modules, the *DEMM* can distribute up to four additional groups of four outputs per module. The *DEMM* connects to a TAP or a *Rack-Vision Terra* unit via a special I/O cable. The optional *DEMS* connects to the *DEMM* with a simple RJ-11 jumper. The jumper matrix on the *DEMM* module is easy to customize for detector outputs to match the current detector rack or Input File 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
- Eliminates 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 the performance and correct output configuration when used with *DEMS*
- Easily expandable by adding additional *DEMS*

Specifications:

Outputs

- Up to four outputs on *DEMM* rear edge connector and up to four groups of four outputs with front panel RJ-11 connections to *DEMS* modules

Inputs

- Up to sixteen inputs by front panel DB25

Connectors

- Four RJ-11 conductors
- One DB25 male, D subminiature connector
- Cinch Jones 50-44A-30M edge connector

- Nine 4-position terminal blocks to program 16 inputs to 20 possible outputs

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

- 0.35 lb
- 0.16kg

Environmental

- -34C to 74C
- 0 to 95% humidity (non-condensing)

Warranty

- Two-year warranty

Product Support

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

Hardware

- The *DEMM* 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 16 detector inputs from TAP or *Rack-Vision Terra* unit on front panel 25 pin connector
- Up to four detector outputs to *DEMM* rear edge connector (emulates four channel loop detector output)
- Four RJ-11 ports route and up to four additional groups of four detector outputs to other detector rack slots using *DEMS*
- Single slot width form factor with handle

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