



The DVMD1 & DVMD1X products measure 3"x4"x1.25". It is smaller, uses less power, and is more reliable than previous generations at a reasonable cost. Sixteen modules may be linked together for programming and configuration from a single Host serial port. This design brings new levels of intelligent processing to video security.

Benefits

- Reduced set-up time
- Highest performance
- Adapts to any video source
- Low cost solution
- Easy add-in design
- High density package

Features

- Probability of detection greater than >96% *
- Very Small Size
- Very Low EMI
- On Screen Display
- Opto-Isolated Input
- NTSC or PAL video
- Serial Software Upgrades
- NAR < 2/day *
- Low Power Consumption
- ESD Protected
- Relay Output
- Video Loop-through
- -20C – 65C Temperature Range
- +12VDC operation

* Tested with Sandia National Lab tapes.

For Sales and technical information please contact:

**Radiant Inc.
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Number of Channels	One video channel per DVMD1
Power-Input Connector	V+, V- on 7 pin screw terminal
Opto-Input Connector	I+, I- on 7 pin screw terminal
Relay-Output Connector	NC, C, NO on 7 pin screw terminal
Video Input	75 ohm BNC connector
Video Output	75 ohm BNC connector, drives 75 ohm terminated coax
Video Standard	NTSC or PAL
Power LED	Red indicates power on
Input LED	On indicates Opto-isolated input is active
Output LED	On indicates Alarm relay is active
Overlay	Variable intensity video overlay with 5 levels
Static Information	Channel Number, Time, Date at variable position on or off
Dynamic Information	Target, Target trajectory
Serial I/O	
Host Format	19.2K baud serial I/O, RS232
Chain In/Out Format	19.2K baud serial I/O, RS232
Addressing	
Module Address (DIRECT)	Up to 4 bits used for local addresses 0-15 used for DVMD1
Module Address Switch	16 position rotary switch on rear panel
Performance	
Probability of detection **	Greater than 96%
False Alarms**	Less than 2 per Day
Power	
+12 VDC	300 mA at +12VDC
Operating Temperature Range	-20C to +65C
Operating Temperature Rise	Internal temperature rises 5 degrees C over ambient inside DVMD
Network Device	DVMD1X with Lantronics XPORT provides 10/100 connectivity
Serial Device	DVMD1 with DB9 adaptor connects to RS232 serial ports

Radiant reserves the right to make changes without prior notice.

* Technical specifications and or physical layout of the product may vary from photo.

** The DVMD has been tested against the industry standard Sandia National Laboratories set of tapes that depicts various outdoor conditions, targets, and ranges in a variety of environments. The Pd and NAR were determined from these tests.

An optional base allows the DVMD1 to be mounted with two 1/4x20 bolts

