

DS16

Upto 16 channel Video Motion Detector



MOTION DETECTION YOU CAN TRUST

Video Motion Detectors (VMD's) provide instant alarm verification by providing a video picture to security personnel and/or recording device, thus allowing for a quick and appropriate response.

VMD systems can drastically reduce installation costs as there'll be no need to install cabling over vast distances or use some type of wireless link.

A single camera can protect a large area and can be selective in its detection in that area. With the use of "masking" (selecting only a part or parts of the video scene that the VMD will protect, ignoring activity in the unmasked portions), the VMD can discriminate between multiple zones created on one camera view. Depending on the performance (and cost), the system can be extremely sensitive, down to a single pixel of video.

The DS-16 chassis holds up to 16 DS1-SPL Digital Video Motion Detector Cards. Each card contains all the standard features of the DS1-PL stand alone model. The modular design and standard 19" 4U height allows easy expansion for large systems. Each channel is independently addressable for a total of 128 channels to be controlled from one RS-232 port or the optional TCP/IP DS LAN module.

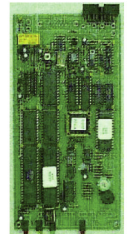
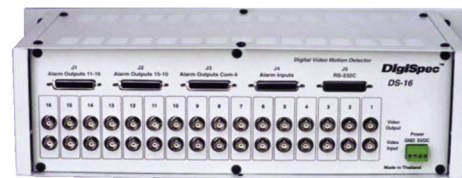


Standard Features

- Can hold 1-16 modules
- The DS-1PL can be configured to operate in 1 of 5 different modes: Motion detection, Motionless detection, Direction Detection, PTZ Modes and Museum Mode.
- Pushbutton Keypad for local programming
- RS-232 Input for programming or functional control
- 100-240VAC Voltage Free Internal Power Supply
- DB-25 Breakout PCBs supplied for easy wiring

Specifications

Video Input;	BNC 1V P-P, 75 ohm terminated
Video Output;	BNC 1V P-P, 75 ohm term., 2V P-P unterm.
1 Alarm Input per cha.	Hi-Z 100K 12VDC Max.
1 Alarm Output per cha.	Relay Form C NO / NC with common (1A Max)
1 Alarm Output Global	Relay Form C NO / NC with common (1A Max)
Commin Day/Night external input control:	Hi-Z 100K 12VDC Max.
Size	19" x 7" x 10.5" (4U High)
Weight:	19 lbs/8.6 Kg Gross Weight 22.5 lbs/10.2kg
Construction	Computer Beige Metal Case
Warranty	2 Years



Advantages

- Gives high performance outdoor video motion detection for any application where DVRs/Multiplexers leave off as they cannot handle true outdoor video motion detection
- Hazardous areas can be monitored remotely
- Target size, velocity and sensitivity programmable
- Target tracking features
- Direction Sensing
- Change (mask) detection area dimensions (full or partial screen... multi-points)
- Multiple detection zones for one camera with separate alarm outputs for each
- Ability to accommodate for gradual illumination changes such as sunrises and sunsets
- Vibration detection and alarm suppression
- Ability to discriminate between wind, rain, snow, blowing leaves, small animals or birds
- Ethernet LAN module Adaptor available
- In many cases timed alarm responses and computer communication ports to proprietary systems or large scale matrix switchers.
- Alarm Inputs to AND/OR with other motion detection technology to further reduce false alarms
- Compatible with PTZ cameras
- DSVMD windows based software to programme, control, status included free

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