

VIDEO MOTION DETECTION

Digispec Advanced Outdoor Motion Detection system intelligently designed to detect movement within a specified area being monitored and initiate recording. Ideal for loading bays and warehouses where recording is required as and when deliveries are made, for instance. The Digispec is not bound to straight line detection (like most other technologies e.g. IR Beam Barriers used in PIR and Microwave Motion Detectors).
www.digispec.us



DS-1PL

OUTDOOR DIGITAL VIDEO MOTION DETECTOR



- Single Camera Outdoor Video Motion Detector
- 8 Independent Zones with independent alarming outputs
- 262, 144 detection points per channel
- Tracking time: adjustable 0-8 second in 0.1 second increment
- Target Size and Sensitivity Selection
- Target Trace and Tracking Memory viewing modes
- Non-volatile EEPROM back-up memory
- Powerful and sophisticated, it's straight forward design allows for quick installation and set up.
- Can be configured to operate in 1 of 5 different modes: Motion detection, Motionless detection, Direction Detection, PTZ Modes and Museum Mode.
- Day/ Night modes can be switched by timer or external devices
- PC Programming and Operation by RS-232 or via Ethernet with the DS LAN adapter.



DS-16 19" RACK CHASSIS FOR UP TO 16 DS-1SPL MODULES



- Chassis holds up to 16 DS-1SPL Digital VMD modules
- Addressable for multiple-unit control, up to a total of 128 channels
- Front Panel Keypad Programming
- Rack mountable or desktop
- 100-240 VAC Power Input
- Looping inputs for each channel
- DB25 connectors for Alarming and Communication
- RS-232 input control or Ethernet with the DS LAN Adapter



MOTION DETECTION YOU CAN TRUST

Video Motion Detectors (VMD's) provide instant alarm verification by providing an alarm 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 when used in conjunction with existing CCTV systems.

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 ignores unprotected areas. The VMD can discriminate between multiple zones created on one camera view with independent target sizes and movement. The system can be extremely sensitive, down to a single pixel of video or coarse to detect large vehicles, ships or airplanes.

ADVANTAGES

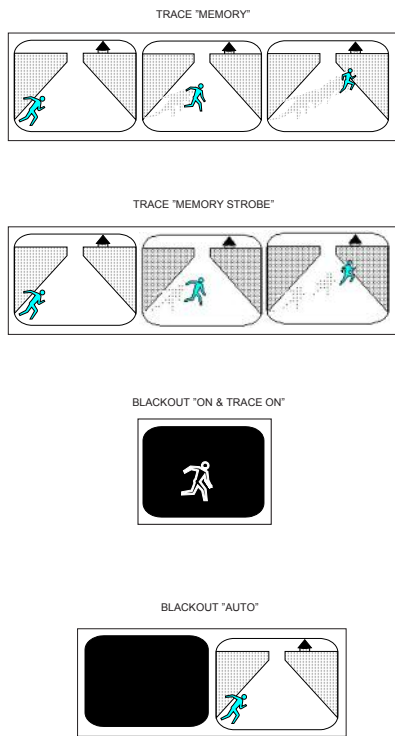
- Gives high performance outdoor video motion detection for any application where DVRs / Multiplexers leave off as they cannot handle true outdoor video motion detection
- Hazardous areas can be monitored remotely
- Target size, velocity and sensitivity programmable
- Target trace and tracking features
- 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, sunsets and moving cloud cover
- Vibration detection and alarm suppression
- Ability to discriminate between wind, rain, snow, blowing leaves, small animals or birds and a true intrusion.
- Ethernet LAN module Adaptor available
- Provides timed alarm responses and computer communication 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 program, control and status included free.



The range to be detected can be set using simple menu commands to a recording irrelevant events. (highlighted areas indicate detect



DS-1PL Trace / Tracking Modes



MTI-16CD-VMD



16 Camera Indoor or Fixed Lighting Outdoor Video Motion Detector. Has a 1, 4, 9 or 16 split digital monitor output along with 2 additional call monitor outputs. Has Multiplexer input and output for recording with a VCR or DVR. 16 Hard Alarms input and one Form C relay output. Includes MTIUDL PC Programming software.

AL-16 - This device is required to give independent Form C Relay contacts outputs for each channel of Motion.



Optional Remote Keyboard connects via RS-232 or RS-485.

VMD-1001

SINGLE CHANNEL VIDEO MOTION DETECTOR



- Single Camera Video Motion Detector
- Reliable and cost effective
- Widely used to secure indoor or fixed lighting outdoors
- Compact size
- Low Voltage requirements
- Simple on-screen programming menus
- Excellent for covert applications
- 99 levels of sensitivity
- Duration settings from 0-99 seconds
- Tracking time: adjustable 0-8 second in 0.1 second increments

VMD-1004

4 CAMERA VIDEO SWITCHER WITH MOTION DETECTION



- 4 camera video switcher that has VMD (Video Motion Detection) on each camera
- OSD (on-screen) programming for switching dwell time, bypassing and motion dwell time along with the VMD setups is done via the 4 front panel push buttons.
- 99 levels of sensitivity
- Independent motion dwell times for all 4 cameras 1-30sec
- 4 Red LEDs for signify which camera is currently outputting.

DS1-PL Relay Board



- The DS1-PL Relay board plugs directly to the rear DB-15 connector on the DS1-PL and breaks out the individual 8 zone alarms with separate Form C Relays for easy integration with additional equipment. DB9 for RS-232, Global Alarm, TTL Compatible outputs and easy to use push terminal connectors. 12VDC Operation

DS LAN



- The DS LAN Converts either the DS1-PL or DS-16 to be fully programmable over Ethernet LAN. Connects to either device via the RS-232 port and up to 128 channels of VMD can be controlled or programmed via one IP Address. Compatible with the DSVMD Software.