

VideoTracker

Digital Video Motion Detector



Why choose VideoTracker?

- Minimises false alarms
- Easy 'plug and play' set-up
- Learns new scenes instantly
- Requires no training
- Will not alarm to the movement of a PTZ camera
- No hidden installation costs

Why is VideoTracker so different?

VideoTracker is a state-of-the-art video motion detector. Unlike similar systems, VideoTracker will enhance your CCTV applications by automatically recognising and ignoring repetitive movement in a camera scene, such as changing weather conditions, moving trees and camera shake. This innovative feature significantly reduces the number of false alarms, making it one of the most efficient and intelligent VMDs available for security surveillance applications today.

What can it do?

VideoTracker will turn any camera into a trigger, alarm or warning device. When used as a recording trigger for video surveillance, VideoTracker will help eliminate many hours of unnecessary recording.

VideoTracker's alarm system can be set to your personal parameters. It can also 'zone mask' certain areas of the scene quickly and easily, such as a busy road on the edge of a security zone.

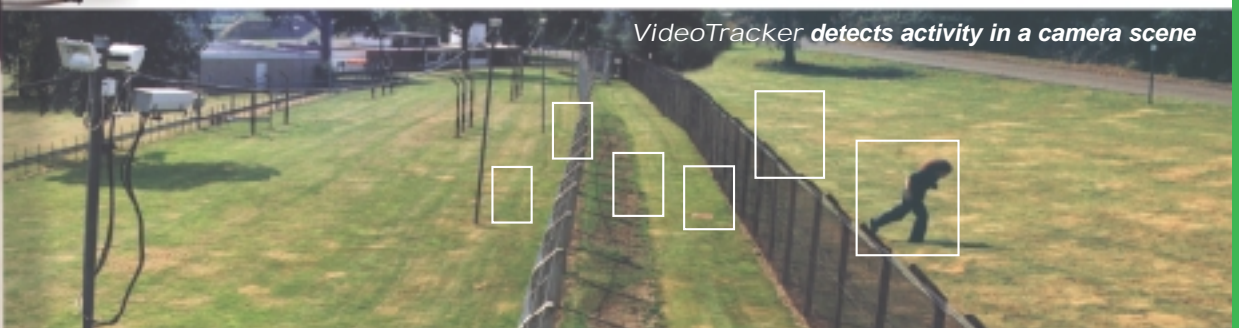
How does it work?

When VideoTracker is alerted to movement, it not only triggers a recording, or alarm device, but it also isolates and tracks the moving image in a series of boxes on screen, enabling the viewer to instantly identify the source of alarm.

VideoTracker is a compact unit that has a simple 'plug and play' installation procedure. It is ready for use immediately, with no need for specialist training and with no hidden costs.

VideoTracker is compatible with any type of CCTV camera and, unlike other VMDs, is insensitive to camera shake and the motion of PTZ cameras.

VideoTracker detects activity in a camera scene



Zone-masking increases your surveillance efficiency...

In some applications detecting all activity in a camera scene may not be necessary, such as vehicles or people moving along a road that is next to the perimeter you are protecting. This can waste valuable time and resources while the operator investigates alarms irrelevant to surveillance needs.

Now, *VideoTracker* can 'mask' selected areas to ensure that alarms only occur when activity is detected in the designated zone. A series of operator friendly menus allow the user to interactively define any number of arbitrarily shaped masking regions, and is available at **no extra cost**.

Zone-masking is available for both stand-alone and rack mount systems.

Rack Mount System available for larger security operations...

The *VideoTracker* rack mount system enables both cost-effective and highly efficient multi-channel scene analysis. This compact, 19" unit houses up to 16 *VideoTrackers*, each of which can alert you to activity within the detection zone at any time.

The rack mount unit requires only one AC power connection AND provides all cooling, wiring and power supplies for the *VideoTracker* units. The chassis is also pre-wired to accommodate user upgrades when required.

For more information on *VideoTracker*, and other Primary Image products and services, please contact your nearest sales office.

Technical Specification

Single Unit

VIDEO FORMAT : Composite colour video, PAL or NTSC

VIDEO INPUT : 75Ω 1Vp-p video via BNC connector

VIDEO OUTPUT : Loop through from video input

DISPLAY OUTPUT : Video input signal displayed with graphic overlay showing tracked objects

LED INDICATORS : System status : Green - Power On / Video OK
Red - Tracker detect / Self test

SIGNAL OUTPUTS : Detect/Alarm output - Relay NC, NO and COM contacts, plus 12V and 0V ref on screw terminals

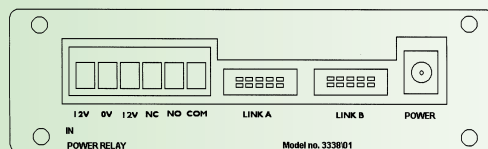
CONTROLS : Target size threshold and background compensation adjustments plus special settings.

POWER : 12V at 1.0A. Connection via 2-pin power jack or screw terminals

POWER SUPPLY : Plug-top power supply. Input 220/240V, 50Hz, or 110/120V, 60Hz

EMC : Conforms to EC standards

DIMENSIONS : 110mm(W) x 165mm(L) x 33mm(H). Stackable self-contained enclosures with mounting lugs.



VideoTracker back panel

Multi-Channel Expansion & control

Dual expansion connectors for daisy-chain connection of up to 16 units. PC control option for multiple systems.

Rack Mount System, Zone Masking & Set Up Option

PHYSICAL SIZE: 19 inch rack mounting ISA (482.6mm wide).
H - 6U ISA (266mm). D - 240mm

POWER SUPPLY: 240VAC., 50Hz, 200w max.

SERIAL LINE INTERFACE: RS232, 9 way D-type.

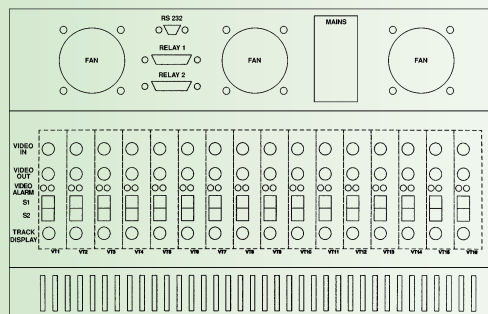
CONTACT INTERFACE: Two 25 way D-type - NO & NC contacts.

SET UP INTERFACE: RS232, 9600 baud, 1 stop bit, no parity.

ZONE OPTION: Specify zone option at time of purchase using part No 3336-ZB. This part No. can also be quoted to upgrade an existing unit.

CABLES: Rack mount systems are supplied with cable & set up disk. For individual VideoTrackers, order RS232 cable and PC set up disk No 3336-CB.

Further cables & disks can be purchased by quoting order No 3336-CR.



VideoTracker Rack Mount back panel

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