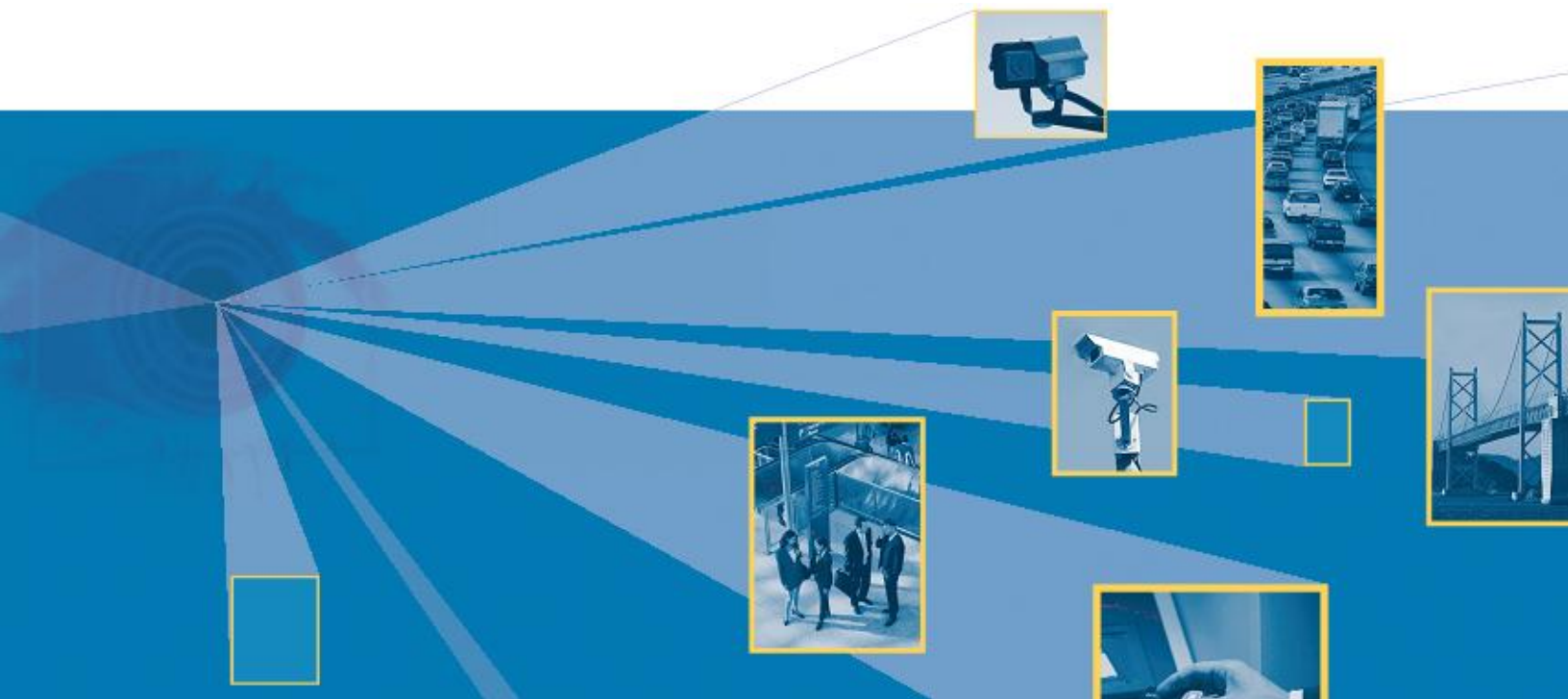


# IV Motion Detector



## Overview

**Intelligent Video Motion Detector (iVMD)** is a powerful, easy-to-deploy "intelligent video" application. This product analyzes video in real-time and provide alerts and outputs based on customer requirements.

**iVMD** is an advanced version of the traditional "Video Motion Detectors" in the market. iVMD analyzes video in real-time and detects valid motion in a scene. It filters out "noise" such as lighting changes, natural tree movements, water movements, small animals, and even small video artifact noise. This vastly improves reliability while suppressing unwanted false alarms.

**iVMD** can be used for providing real-time alerts and start/stop commands to DVRs, NVRs or other Video Management Systems. iVMD can also track moving objects and display a bounding box around the valid object. Typical uses of iVMD include outdoor and indoor monitoring of secure facilities.

## Benefits

**iVMD** offers the following benefits:

- Provides a modular approach to video analytics. These products can be configured and deployed in minutes.
- Detects exception conditions or threats in real-time allowing security professionals to respond in a timely manner.
- Provides comprehensive 24/7/365 coverage
- Deters criminals and law breakers by detecting abnormal situations proactively
- Increases productivity and efficiency of security professionals by indicating objects of interest, such as people and vehicles.
- Reduces unwanted false alarms caused by external scene conditions compared to typical Motion Detectors.
- Provides intelligent motion detection alerts for DVRs, NVRs, and Video Management System



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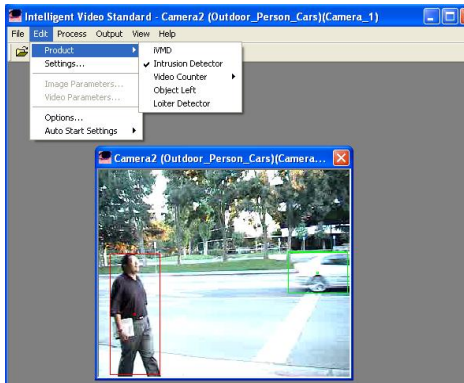
## Features

**iVMD** has powerful and flexible features:

**Input:** Works with a wide range of analog, IP/Network and digital cameras. It can also take video input from many DVR and NVR/video management solutions. The software accepts raw uncompressed video and MPG1, MPG4, MJPG, H264 and AVI video formats.

**Output:** iVMD provides real-time event outputs and alerts. Event information includes event type and priority, object type and ID, color, size, position, speed, time, images and more. The system supports extensive alerting and output capabilities:

- Output relay I/O and contact closures
- XML and IP messages
- LAN or USB outputs
- Email, pager and phone alerts
- Output to databases or files (XML, Excel, TXT)
- Integration with External systems using IP, XML and ODBC standards
- Customized Reports



## Applications

**iVMD** can be used for:

- Airport, Ports, Trains, Subway stations, Maritime and Government institutions.
- Border Control and Perimeter protection
- Critical infrastructure, nuclear facilities
- Landmarks, Bridges, Parks, Monuments etc.
- Enterprise and commercial security
- Entertainment, Casinos and Gaming
- Retail stores
- Financial Institutions and Banks
- Urban and Public area monitoring

## Hardware Specifications

**iVMD** is available in the following full solution or Software only configurations:

1. **Rackmount Server.** This is provided on a 1U or 2U Rackmount server with pre-installed software. Customers can add cameras and monitors of their choice to deploy the system. System requirements:
  - Dual-Core/Quad-Core Processor
  - 1-2GB memory
  - 120-240 GB Hard disk
  - 1G Ethernet
  - Windows XP OS
2. **Embedded System.** This is a small module that can be located at the edge or in the control room.
  - Analog Video In, Analog Video Out,
  - Standard RJ45 Ethernet
  - NTSC or PAL support. 30 FPS
  - 75 Ohm BNC Connector
  - Size: 5.5"x 4"x 1.25"
  - External power supply; 12V DC input
3. **iVMD Software Only.** The full iVMD application software can be purchased and deployed on PC based servers.
4. **Software API/SDK.** This option is available for OEMs that would like to embed iVMD capabilities into their own video management software, DVR, NVR or other application. IntelliVision provides C++, ActiveX and Direct Show based API/SDK for integration.

## About IntelliVision

IntelliVision is a leader in "Video Intelligence and Automated Monitoring" solutions for Security & Surveillance markets. Our products have been successfully deployed at several Government and Enterprise customers providing high reliability and running 24/7/365. IntelliVision is headquartered in USA with offices in Europe & Asia

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*Video Intelligence and Automated Monitoring*