



VICONNET VI VERSION 3.2 VIDEO INTELLIGENCE MODULE



The Intelligent Way to Monitor Your Site

- Facilitates the monitoring of 1000's of cameras in real time, efficiently and affordably
- Detects and distinguishes objects in motion such as people, vehicles, animals, etc.
- Prepackaged rules for people or objects moving in or out of a specified range; missing or moved objects; crowding and loitering; and more
- Multiple rules can be applied for each camera and custom rules can be created for special situations
- Schedule-based rules allow different rules for day, night, weekends, time-of-day, etc.
- Integrates with analog, digital and hybrid systems
- Scalable modular approach allows features to be added to your ViconNet 5.0 system at any time
- Set up and configure the system right out of the box

Imagine the responsibility of monitoring a site with thousands of cameras, seven days a week, 24 hours a day, with the need to identify and respond to all suspicious behavior in real-time. This job would stretch the limits of any security staff. But, with ViconNet VI, the new video intelligence module for use with ViconNet video surveillance systems, this seemingly overwhelming task becomes both manageable and affordable.

ViconNet Video Intelligence Module (ViconNet VI) is a video analytics system that detects unusual and abnormal events or behavior as they are occurring – providing the ability to monitor huge

surveillance sites 24/7 with incredible efficiency and affordability. The system allows the detection of conditions or activities such as theft, loitering, packages left unattended, movement in any direction, crowding and tailgating. With ViconNet VI, your resources will be deployed responding to actual situations rather than looking for them.

Applications such as counting the number of people or vehicles moving in a given direction across a virtual or real boundary can easily be set up with ViconNet VI. An easy to follow wizard provides step-by-step guidance for setting up each detection type and allows fine tuning of the detection rule.

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Technical Specifications

ViconNet VI offers the following types of video analytic data detection as options:

- **Motion Detection (VI-ZONE)**
- **Line Crossing (VI-LINE)**
- **Tailgating (VI-TLGT)**
- **Counting (VI-CNT)**
- **Loitering (VI-LOIT)**
- **Group Detection (VI-GRPG)**
- **Store Loitering (VI-STCK)**
- **Crowd Detection (VI-CRWD)**
- **Vessel Movement (VI-VSSL)**
- **Object Left Behind (VI-OBJT)**
- **Parked Vehicle (VI-PRKD)**
- **Object or Vehicle Obstructing Traffic (VI-ROAD)**
- **Object Removed from Scene (VI-RMVL)**
- **Several Objects Removed from Scene (VI-ASST)**

Typical applications include:

- **Retail**
- **Financial**
- **Education**
- **Transportation**
- **Utilities**
- **Government**
- **Stadiums and Entertainment Venues**



Example of an illegal parking rule.

VIDEO

Video Input: Analog/Digital, IP camera, CCTV or thermal cameras.*

Video Frame Rate: 5-30 fps.

Camera Type: CCTV monochrome or color cameras. Overhead camera required for tailgating detection.

Environment: Indoor/outdoor.

WORKSTATION REQUIREMENTS

Operating System: Windows XP.

CPU: Intel® Core™ 2 Duo 2.66 GHz.

RAM: 2 GB minimum.

Hard Drive: 250 GB minimum.

Mouse: PS-2 or USB.

LAN Card: 1 Gbps required for network connection.

Video Card: Video adapter with 128 MB RAM. Required resolution of 1024 x 768 with 32-bit color, minimum.

Monitor: VGA or LCD, 17 in. minimum with a minimum resolution of 1024 x 768 with 32-bit color.

MECHANICAL

Case Style: Standard mid-height tower or rack-mount.

Dimensions: Tower:
Height: 16.7 in. (424 mm).
Width: 7.5 in. (191 mm).
Depth: 16.7 in. (424 mm).

Rack Mount:
Height: 3.4 in. (86 mm).
Width: 19.0 in. (483 mm).
Depth: 22.5 in. (572 mm).

Weight: Tower: Approx. 30 lb (13.6 kg).

Rack Mount: Approx. 26 lb. (11.8 kg).

Construction: Steel and plastic.

Color: Black.

ENVIRONMENTAL

Operating Temperature Range: 32 to 104° F (0 to 40° C).

Operating Humidity Range: 0 to 95% relative, non-condensing.

* For IP cameras, a proxy server is required.