

ViconNet JUMP

Software and NVR



- Free ViconNet® Video Management Software (VMS) for single NVR-based systems
- Download from website
- Supports up to 6 cameras with no licensing fee
- Available preloaded on NVR
- Support for HD video and megapixel cameras
- Support for third-party network cameras
- Can be used with Vicon's Virtual Matrix Display Controller
- Integration with third-party access control software

Powerful VMS in a Small Package

Vicon's release of ViconNet video management software version 6.6 offers options for customers seeking small or medium-sized NVR-based video management systems. It is available in three levels: ViconNet JUMP, ZONE and PEAK. ViconNet JUMP, VN-SW-JUMP, is a free, entry-level software that supports up to six network cameras from a single NVR, with no camera licensing fees.

ViconNet JUMP offers all the performance and features of the open platform enterprise-scale software, limited to a single NVR system. Refer to the ViconNet VMS datasheet for complete information on ViconNet features. It is available as software only, downloaded from Vicon's website, or preloaded on an NVR, model VN-NVR-JUMP-750GB.

ViconNet software provides outstanding functionality and an intuitive interface for administrators, security managers and system operators anywhere on the network. ViconNet JUMP easily integrates with third party access control software. It can be used in conjunction with Vicon's Virtual Matrix Display Controller (VMDC) and is compatible with other workstations and NVRs.

The VN-NVR-JUMP-750GB is not intended for local display. It can be used with the free VN-VIEWER/Web Viewer or Workstation software to view local video. If enhanced performance is required, upgrade to the VN-NVR-ZONE.

Software

Description

Model Number

ViconNet JUMP software. Supports up to 6 cameras. Free.	VN-SW-JUMP
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NVR

Description

Model Number

Preconfigured mini-PC NVR preloaded with ViconNet JUMP software; 750 GB storage. Is not intended for local display; use with free VN-VIEWER/Web Viewer or Workstation software.	VN-NVR-JUMP-750GB
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PC Requirements-Supports Local Display*

Hardware:	Intel Core™ i5 processor, 2-4 GB of RAM and 5 GB of disk space. Display Adapter: 256 MB RAM onboard, min.
Operating System:	Microsoft Windows XP Professional 32 or 64-bit; Microsoft Vista 32-bit; Microsoft Windows 7 Professional 32 or 64-bit; Windows 2003 or 2008 Server.

*See NVR section for PC minimum requirements that is not intended local display.

Functions and Features

Supported Compression:	H.264, ViconNet optimized MPEG-4 and JPEG (Normal and Full).
Transmission:	Unicast and multicast.
Displays:	Supports 16 x 9 and 16 x 10 wide screen as well as 4 x 3 standard viewing at a variety of resolutions.
Third Party Camera Support:	List available at vicon-security.com/cam-support .
Main Window Screen:	A multi-channel display area containing up to 16 connected cameras and microphones and all necessary controls to operate and set up the system.
Graphical Map:	Supports realistic camera location (a Workstation with a dual output VGA will allow showing the map on a dedicated monitor while viewing video on the other).
Site List:	A physical list of all known network Site areas and connected cameras and microphones.
Play From Time:	Call up images from any database on the network from Main Screen.
Navigator Window:	A graphical display of recorded video. It contains a set of function buttons used to access the video on-screen.
Network and Sites Configuration:	Allows administrator to set up all IP address information and a system Nucleus and Backup Nucleus.
Macro Capabilities:	Macros can be defined for recorded or displayed/played cameras, microphones and related devices (sensors).
Device Configuration:	Devices can be configured for system recognition and operation.
Authorization Rights Setup:	Group rights can be configured by specific site and user. Rights provide authority to perform limited or all system functions.
Log Reporting:	Continuously running activity log.
Alarm Capabilities:	Alarms can be programmed to annunciate under special conditions.

Data Sheet Number: V255-00-00
Dated: 6/2012

Vicon Data Sheet Part Number: 8009-7255-00-00
Specifications subject to change without notice.

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Storage Database Utilities:

Allows setup and usage of detected hard disks locally, including high-capacity iSCSI network storage devices.

Authentication:

ViconNet uses a 128-bit MD5 type video authentication algorithm to verify exported video data integrity.

Central Failure Notification (CFN):

Fault reporting system that provides application and hardware failure information to all DVRs and NVRs connected to the system.

Events Management System (EVM):

Enables ViconNet to interface with an external system's database, for example, an access control, point-of-purchase, intrusion monitoring or license plate recognition (LPR) system.

Museum Search:

Enables an operator to define a region within a specific Vicon camera's field-of-view, for example, a door, for indexing. This accelerates searching for a specific incident.

Recording Verification System:

Ensures continuous recording by notifying users of any recording errors, both locally and over the network.

Archive Wizard and Player:

Creates authenticated archives and saves to any location or removable media. The video clip is playable using the embedded ViconNet player.

Video Vault:

Allows any event that was tagged as an alarm (VMD, video loss, dry contact or from the Events Management system) to be saved to a separate database, where it cannot be overwritten by the system.

Authorization Copy and Duplicate:

Provides the ability to send authorization settings to other Workstations so they do not have to be programmed separately.

Enhanced Logs:

Logs that are exported from ViconNet also contain Windows and setup logs, providing more troubleshooting information when diagnosing system problems.

Camera Licensing:

No fees for camera licenses. No complex IP camera registration process.

NVR (Minimum PC Requirements)**

Operating System:	Microsoft® Windows® 7 Embedded, 64 bit.
CPU:	Intel® Atom™ D525 processor.
Memory:	2 GB.
Ports:	USB (4), Monitor (VGA and HDMI+), RJ-45, Audio (Mic In, Audio Out - side), eSATA (side), Memory Card (side).
Operating System Drive/Storage:	750 GB SATA-II.
Graphics:	Enhanced NVIDIA HD.
Network Interface:	10/100 LAN.
Certifications:	FCC Class A.

**Not intended to support local display.

†Monitor (display) outputs for setup and configuration purposes only.

Electrical

Input Voltage:	100-240 VAC; 50/60 Hz; 19 VDC power supply provided.
Current:	1.5 A @ 100-240 VAC. 3.42 A @ 19 VDC, max.
Power Consumption:	172.5 W @ 115 VAC. 60 W from 19 VDC power supply.
Heat Output:	604 btu/hour @ 115 VAC, 210 btu/hour @ 19 VDC.
Power Connector:	Jack for power supply provided.

Note: Vicon requires the use of uninterruptible power supply systems (UPS) to prevent voltage fluctuations that can affect operation and cause damage to the equipment. Failure to comply voids the warranty.

Mechanical

Application:	Indoor.
Mounting:	Desktop (vertical chassis stand) or VESA bracket.
Dimensions:	0.98 in. (25 mm) H x 7.48 in. (190 mm) W x 5.9 in. (150 mm) D.
Weight:	1.2 lb (0.5 kg).
Construction:	Steel and plastic.

Environmental

Operating Temperature:	32° to 104°F (0° to 40°C).
Humidity:	Up to 95% relative, non-condensing.

Warranty

3 years parts and labor.

Controls and Connectors

Note that mother boards are subject to change and the current rear panel may differ slightly but will be similar.

