



ViconNet 5.0



Digital Video Management System with Open Platform for IP, DVR or Hybrid Systems

- Support for megapixel and IP cameras, both Vicon and third party
- Integrated ViconNet VI video intelligence with the ViconNet interface
- System management from any networked PC running ViconNet software
- Integration with leading access control systems
- Flexible display options, including a true virtual matrix, a 64-camera viewer and a 16:9 GUI for widescreen monitors
- Logical camera groups for easy camera call up independent of physical location
- Flexible FPS settings save storage by viewing at one rate and recording at another
- Museum Search and analytics search
- Alarm alerts via Email or text to your PC or PDA
- Alarm Investigation Tool - call up corresponding video directly from alarm reports

ViconNet® 5.0 combines all the powerful features and performance of a world-class digital video management with open platform flexibility for situations requiring a multi-vendor solution. Offering solutions for IP, DVR and hybrid systems, ViconNet 5.0 can seamlessly integrate IP cameras from both Vicon and most major manufacturers into a powerful ViconNet surveillance network.

ViconNet 5.0 also introduces support for both Vicon and third-party megapixel cameras, at resolutions ranging from 1.3 to 12 megapixels. Vicon's expanded I-ONYX line includes network-ready dome and box megapixel cameras for use with V5. In addition, the system is compatible with cameras from Panasonic, Sony, Arecont Vision, ACTi, Axis, IQinvision and others.

Video analytics can now be controlled and viewed from right within the ViconNet interface, thanks to a complete integration between version 5.0 and ViconNet VI video intelligence software. Set detection parameters for any number of targeted "behaviors" and the system will identify them, in real time, as they are displayed within the ViconNet viewing windows. Detection is offered for motion detection, non-motion detection, object counting, PTZ auto tracking, crowd monitoring, tailgating and loitering, to name a few.

Additionally, ViconNet 5.0 includes an optional GUI to view on widescreen 16:9 or 16:10 monitors.

Learn more about these and other new ViconNet 5.0 features on our website: www.vicon-cctv.com

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Technical Specifications

VN-NVR COMPUTER REQUIREMENTS

Operating System:	Windows XP Professional/Vista/2003 Server.
CPU:	Intel® Core™ 2 Duo 2.66 GHz minimum.
RAM Memory:	2 GB minimum.
Hard Drive:	3 GB of free space required.
Mouse:	PS-2 or USB type required.
LAN Card:	100/1000 Mbps required for network connection.
VGA Adapter:	Video adapter with onboard 128 MB RAM. Recommended settings are 1028 x 768 pixels and 32-bit color.

VN1000V5 SOFTWARE FEATURES

Open Platform:	Compatible with IP cameras from ACTI, AXIS, Panasonic, and Sony; compatible with megapixel cameras from Arecont and IQinVision.
Main Window Screen:	A multi-channel display area containing up to 16 connected cameras and microphones and all necessary controls to operate and setup 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.
Quick Playback:	Start video playback of live camera with a few clicks.
Play from Time:	Call up images from any database on the network from Main Screen.
Navigator Window:	A graphical display of recorded video that contains a set of function buttons used to access the video on-screen.
Control Dialog Display Area:	A space to work in conjunction with the Other Controls Area.
Toolbar:	An area providing access to all major functionality of the system.

Display Mode Controls Area:	A palette of buttons to set the picture quality (resolution) and refresh mode of the live video display.
Other Controls Area:	A palette of buttons that activate when a valid device is selected from the Site List.
System Configuration:	A Main Settings Menu used for setup of devices, authorization, and all other system functions.
Function Control Area:	A palette of controls used to enable or disable the video recording as well as any currently running macros in the system.
Network and Sites Configuration:	The network portion of this feature allows setup of all IP address information and a system Nucleus and Backup Nucleus.
Macro Configuration:	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. Rights provide authority to perform all system functions.
Log Reporting:	Continuously running activity log.
Schedule Function:	System can be set to record and display a video "tour" of multiple channels.
Alarm Configuration:	Alarms can be programmed to announce under special conditions.
Storage Database Utilities:	Allows setup and usage of detected hard disks locally.
Authentication:	Video authentication is established by site and affects display of destination video.
Central Failure Notification (CFN):	Sends notifications indicating certain applications have failed.
Recording Verification System (RVS):	Ensures continuous recording by notifying any recording errors.

Model Descriptions

VN-WS-PC	9602-01	ViconNet VN-WS-SW Software preloaded on a PC; full administrative functionality without recording, for use with ViconNet version 5 Digital Recorders, Video Encoders and IP Cameras. Single site license.
VN-WS-SW	9602-05	ViconNet Software; ViconNet application for use with ViconNet version 5 Digital Recorders, Video Encoders and IP Cameras that allows full administrative functionality without recording. Single site license.
VN-VIEWER-16	9601-10	ViconNet 16-Channel Viewer Software; viewer plus software for use with version 5 Kollector Elite, Pro, Lite and ViconNet Workstations. Views 16 cameras, playback and control PTZ.
VN-NVR-SW	9602-00	ViconNet NVR Software; recording plus fully functional ViconNet application for use with ViconNet version 5 Digital Recorders, Video Encoders and IP Cameras. Single site license
VN-NVR-XXXV5/ VN-NVR-XXXV5-R	9602-XX/ 9606-XX	A complete line of Network Video Recorder; includes ViconNet Version 5 software used to view, record and configure video from IP video devices and Kollector Elite, Pro and Lite Digital Recorders. Tower case/rack-mount case. 80 - 3000 GB of internal storage, RAID compatible.