



# ViconNet 4.0



## Digital Video Management System with Virtual Matrix Controller for IP or DVR Systems

- Fully scalable, secure, networked solution for Windows® XP platform
- Remotely control, view and record video from any camera
- Full control from any networked PC running ViconNet software
- Integrates with access control and video analytics systems
- Optional Virtual Matrix Controller enables display of video from any camera using any monitor, simulating a crosspoint matrix system
- Logical Camera Groups - assemble groups of cameras for easy call up independent of their physical network location
- Flexible Frame-Per-Second Settings - save storage space by viewing at one FPS rate and recording at another
- Alarm Alerts via Email or Text to your PC or PDA
- Alarm Investigation Tool - call up corresponding video directly from alarm reports

ViconNet® 4.0 brings the power of digital video management to a whole new level. Offering solutions for IP, DVR and hybrid systems, ViconNet 4.0 integrates a wide range of components and industry-leading software into a robust and expandable package capable of meeting the most challenging surveillance needs.

One of the most exciting and revolutionary features of ViconNet 4.0 is the availability of the Virtual Matrix Controller (VMC). The VMC combines the functionality of a traditional crosspoint matrix switching system with all the advantages of digital video management. With the VMC, you can display

video from any camera on any monitor, control camera selection via the GUI or a traditional keypad and much more.

ViconNet 4.0 supports Logical Camera Grouping, which allows you to assemble groups of cameras independent from their physical location on the network. You can save storage space by viewing video at one FPS rate while recording at another using Flexible Frame-Per-Second Settings. And, receive alarm alerts via email or text message. Learn more about these and other new ViconNet 4.0 features on our website. [www.vicon-cctv.com](http://www.vicon-cctv.com)

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## Technical Specifications

### VN1000V4 COMPUTER REQUIREMENTS

Operating System:	Windows XP Professional.
CPU:	Pentium IV, 2.3 GHz minimum.
RAM Memory:	512 MB minimum.
Hard Drive:	3 GB of free space required.
Mouse:	PS-2 or USB type required.
LAN Card:	100 Mbps required for network connection.
VGA Adapter:	Video adapter with onboard 128 MB RAM. Recommended settings are 1024 x 768 pixels and 32-bit color.

### VN1000V4 SOFTWARE FEATURES

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 and Device Tree:	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 and Device Tree.
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

VN1000V4	9162-00	ViconNet NVR Software; fully functional ViconNet application for use with ViconNet version 4 Digital Recorders, Video Servers and IP Cameras. Single site license.
VN500V4	9162-10	ViconNet 16-Channel Viewer Software; viewer plus software for use with version 4 Kollektor Elite, Pro and ViconNet Workstations. Views 16 cameras, playback and control PTZ.
VN100V4	9162-20	ViconNet 4-Channel Viewer Software; basic viewer only software for use with version 4 Kollektor Elite, Pro and ViconNet Workstations. Displays 4 cameras, playback and control PTZ.
VN-NVR-80V4	9163-00	Network Video Recorder; Includes ViconNet Version 4 software used to view, record and configure video from IP video devices and Kollektor Elite and Pro Digital Recorders. Tower case and 80 GB of internal storage, RAID compatible.
VN-NVR-500V4	9163-10	Network Video Recorder; Includes ViconNet Version 4 software used to view, record and configure video from IP video devices and Kollektor Elite and Pro Digital Recorders. Tower case and 500 GB of internal storage, RAID compatible.
VN-NVR-1000V4	9163-20	Network Video Recorder; Includes ViconNet Version 4 software used to view, record and configure video from IP video devices and Kollektor Elite and Pro Digital Recorders. Tower case and 1000 GB (1 TB) of internal storage, RAID compatible.
VN-NVR-1500V4	9163-30	Network Video Recorder; Includes ViconNet Version 4 software used to view, record and configure video from IP video devices and Kollektor Elite and Pro Digital Recorders. Tower case and 1.5 TB of internal storage, RAID compatible.
VN-NVR-2000V4	9163-40	Network Video Recorder; Includes ViconNet Version 4 software used to view, record and configure video from IP video devices and Kollektor Elite and Pro Digital Recorders. Tower case and 2 TB of internal storage, RAID compatible.