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IP Video Solutions

- **Network Video Recorder (NVR) stores digital video from all ViconNet IP video devices**
- **Can be purchased as either a pre-configured PC or as software only**
- **Pre-configured units include internal storage up to 1.6 TB which can be expanded up to 8 TB with external RAID devices**
- **Full ViconNet software suite for viewing and recording any IP video device or DVR on the network**
- **Dual screen capabilities supports geographical map control**
- **New Rev 3.0 includes support for system integration with industry leading access control and video analysis systems**
- **Software option is compatible with standard servers running Windows XP™**

ViconNet's Rev 3.0 unveils the true power of a Digital Video Management System that was designed from the start to support DVR and IP video solutions. The VN1000V3 is a software solution that loads onto common PC and server platforms running Windows XP™ and turns your computer into an NVR with complete video management capabilities. This solution is also made available in a pre-configured PC that includes extended storage options and RAID compatibility (under model VN-NVR series).

Rev 3.0 features include a flexible Geographic User Interface (MAP GUI) used to overlay camera icons for intuitive physical positioning for easier selection and control of fixed and PTZ cameras. Now, future upgrades will be possible over the network from remote sites.

Integration has become a standard requirement among video systems and ViconNet Rev 3.0 supports that need with integration to industry-leading Access Security Systems and Video Analytics Systems. Combined, these systems create a whole new level of security system performance.

Model Descriptions

Model Number	Product Code	Description
VN1000V3	8797-00	Network Video Recorder Version 3 Software; used to view, record and configure video from IP video devices and Kollector Elite and Pro Digital Recorders (software only).
VN-NVR-80	8961-00	Network Video Recorder; includes ViconNet's complete version 3 software suite used to view, record and configure video from IP video devices and Kollector Elite and Pro Digital Recorders. 80 GB of internal storage; RAID configurations sold as options.
VN-NVR-800	8961-20	Network Video Recorder; includes ViconNet's complete version 3 software suite used to view, record and configure video from IP video devices and Kollector Elite and Pro Digital Recorders. 800 GB of internal storage; RAID configurations sold as options.
VN-NVR-1200	8961-30	Network Video Recorder; includes ViconNet's complete version 3 software suite used to view, record and configure video from IP video devices and Kollector Elite and Pro Digital Recorders. 1.2 TB of internal storage; RAID configurations sold as options.
VN-NVR-1600	8961-40	Network Video Recorder; includes ViconNet's complete version 3 software suite used to view, record and configure video from IP video devices and Kollector Elite and Pro Digital Recorders. 1.6 TB of internal storage; RAID configurations sold as options.

Note: Rack-mount versions are available.

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VN1000V3 COMPUTER REQUIREMENTS

Operating System:	Windows XP.
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:	Any AGP Adapter using nVidia® GeForce FX5200™GPU or the ATI Radeon 7500, 64 MB RAM card. Minimum settings are 1024 x 768 pixels and 32-bit color.
VGA Monitor:	17 in. (432 mm) size, 1024 x 768 pixels, 32-bit color minimum.

VN1000 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. It 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 current running macros in the system.
Network and Sites Configuration:	The network portion of this feature allows setup of 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 are programmed to annunciate under the conditions.
Authentication:	Video authentication is established by site and affects the destination video.
Central Failure Notification (CFN):	Sends notification indicating certain applications have failed.
Recording Verification System (RVS):	Ensures continous recording by notifying any recording errors.
Storage Database Utilities:	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).

VN-NVR
ELECTRICAL

Motherboard/Power Supply:	ATX motherboard with 300 W power supply. Note: Vicon strongly recommends the use of uninterruptible power supply systems (UPS) to prevent voltage fluctuations that can affect operation and cause damage to the equipment.
Operating System:	Windows XP.
CPU:	Pentium IV, 2.66 GHz.
RAM Memory:	512 MB DDR-SDRAM DIMM.
Floppy Drive:	Standard 1.44 MB type.
Hard Drive:	80 GB-1.6 TB, model dependent.
Pointing Device:	PS-2 wheel mouse.
Keyboard:	PS-2, 101 keys.
LAN Card:	100 Mbps PCI type.
VGA Adapter:	AGP Adapter using nVidia's® GeForce FX5200-GPU, 128 MB RAM.
Cooling:	Internal fan, 45 cfm flow rate.

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: 30 lb (13.6 kg). Rack Mount: 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, noncondensing.