

NVR Shadow

Network Video Recorder with Internal RAID



- Configured with ViconNet Video Management Software (VMS)
- Scalable from one to hundreds of recorders
- Support for HD video
- Support for third-party network cameras
- Embedded Windows® operating system for enhanced security and reliability
- M-JPEG, MPEG-4 and H.264 compression
- High-capacity internal storage
- Multi-language application
- Advanced video authentication
- Integration with third-party management software using software development kit (SDK)
- Internal RAID Level 5

The Vicon NVR Shadow is a high-capacity Network Video Recorder that enables you to simultaneously capture, view and store high-quality, high resolution voice, video and data for a comprehensive security solution. The NVR Shadow helps security organizations reduce system ownership costs, streamline operations and deliver more effective security.

Built for Reliability, Usability, and Low Cost of Ownership

Proven in daily operation in thousands of customer installations worldwide, Vicon® NVRs feature an embedded operating system designed for enhanced security and superior reliability. The ViconNet® software that powers the NVR Shadow, provides an open platform that allows integration with IP cameras, including megapixel cameras, encoders and IP edge devices from numerous, industry-leading manufacturers. The internal RAID 5 storage provides abundant capacity and the assurance that your data will always be secure and protected.

Powerful VMS Software

ViconNet Video Management System software provides outstanding functionality and an intuitive interface for administrators, security managers and system operators anywhere on the network. Multi-site users, in particular, benefit from the efficiency of enterprise management options.

Scalability

The NVR Shadow provides scalable, internal RAID-5 storage for medium and large-scale installations. The system is designed to scale to thousands of cameras with additional NVRs, Kollector® DVRs or any of the ViconNet VMS products. The 8-bay removable drive configuration makes it easy to hot-swap drives without having to remove the unit from the rack. A choice of CPU's allows you to select the processing power needed for your application.

NVR

Operating System:	Microsoft® Windows® XP Professional.
CPU:	Intel® Core™ 2 Duo 3.0 GHz or Intel Xeon® Core 2 Quad 2.4 GHz.
Memory:	2-4 GB.
DVD Drive:	Internal DVD drive.
Ports:	7 USB (1 front, 6 back), PS-2 mouse, PS-2 keyboard, serial (COM), VGA, RJ-45, parallel.
Display Adapter:	VGA adapter with 128 MB onboard RAM.
Storage:	Internal RAID 5: 3.3, 6.5 or 13 TB usable depending upon model. 8 drive bays. Note that Vicon certifies DVR and NVR drives on a continual basis, therefore capacities will change frequently.
Network Interface:	100/1000 Base T Ethernet interface on main board.
Certifications:	FCC Class A; CE.

Electrical

Input Voltage:	105-240 ±10% VAC, 50/60 Hz.
Current:	1.75 A @ 115VAC; 0.875 A @ 230 VAC.
Power Consumption:	202 W nominal.
Heat Output:	707 btu/hour.
Power Connector:	Standard 3-conductor female socket.

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.

Ordering Information

All models are rack-mount Network Video Recorders preloaded with ViconNet Version 5 software with internal RAID 5 storage and internal DVD drive.

Model Number**VN-NVR-XXXX-R5 or VN-NVR-XXXXP-R5 (Xeon models)**

Where XXXX is the usable RAID storage size in gigabytes, for example: VN-NVR-6500-R5 is an NVR Shadow with 6.5 TB of storage. For Xeon models, the model number is: VN-NVR-6500P-R5.

Mechanical

Application:	Indoor.
Mounting:	Standard 19 in. (483 mm) rack mount and stackable, 2RU height.
Dimensions:	3.5" (89 mm) H x 19" (483 mm) W x 28" (711 mm) D.
Weight:	40.0 lb. (18.2 kg).
Construction:	Steel case 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.

Data Sheet Number: V221-00
Dated: 09/2010

Vicon Data Sheet Part Number: 8009-7221-00-00
Specifications subject to change without notice.

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