SAN NVR PLUS (EMEA)
NETWORK VIDEO RECORDER WITH REDUNDANCY

VICON

Overview

The Vicon SAN NVR Plus is a high-capacity 2U rack mount 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. It is specifically designed for scalable, external RAID 5 or 6 storage for medium and large-scale installations. The SAN NVR PLUS incorporates hardware redundancy to deliver maximum reliability in a security system.

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, provides an open platform that allows integration with IP cameras, including megapixel cameras, encoders and IP edge devices from numerous, industry-leading manufacturers. The external RAID 5 or 6 storage capability provides abundant capacity and the assurance that your data will always be secure and protected.

The NVR Shadow Plus has dual XEON CPUs, Dual Power Supplies, and Operating System hard drive redundancy to maximize the resilance of the security system.

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. The software can be licensed as either Zone (16 or 35) or Peak.

✷ Product at a Glance

- ▶ Robust professional server configured with ViconNet Video Management Software (VMS)
- ▶ System Hard Drive redundancy
- ▶ Dual XEON CPU
- ▶ Dual power supplies (720W x 2)
- ▶ Dual Port GBE LAN for external SAN RAID storage
- ▶ Embedded Windows® operating system for enhanced security and reliability
- ▶ Available with Zone or Peak ViconNet software camera licenses

- ▶ Designed specifically to meet the MOI requirements for security in the Middle East

Scalability

The SAN NVR Plus is designed for connectivity with scalable, RAID 5 or 6 external 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.

SPECIFICATIONS

NVR

Operating System:	Microsoft® Windows® 7 Embedded, 64-bit.
CPU:	Dual Intel® Xeon® E5 processors
Memory:	4 GB
Video Management Software (VMS):	Preloaded on NVR with ViconNet VMS (Peak or Zone Software)
Graphics:	Integrated Intel HD graphics.
Hard Drives:	8 Drive bays Operating system and Video Management System are mirrored on two hard drives
Network Interface:	Dual Port 100/1000 Base T Ethernet LAN
Certifications:	FCC approved components.
Optical Drive	22x DVD+/- RW

Electrical

Power Supply	2 x 720W power supplies (redundancy)
Input Voltage:	105-240 ±10% VAC, 50/60 Hz.
Current:	8-Bay: 8 A @ 115 VAC; 4 A @ 230 VAC.
Power Consumption:	8-Bay: 500 W nominal.
Heat Output:	8-Bay: 1750 btu/hour. 24-Bay: 4200 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.

Mechanical

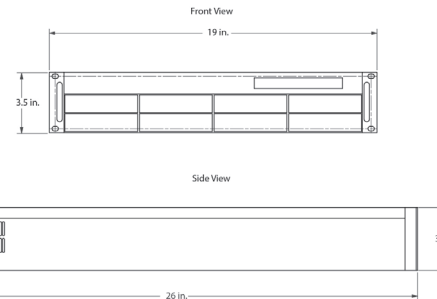|	
Application:	Indoor.
Mounting:	Standard 19 in. (483 mm) rack mount; stackable. 8-Bay: 2 RU height; 24-Bay: 4 RU height.
Dimensions:	8-Bay: 3.5" (89 mm) H x 19" (483 mm) W x 26" (660 mm) D, including ears;
Weight:	8-Bay: 46.3 lb (21 kg);
Construction:	Steel case and plastic.

Environmental

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

Warranty

3 years parts and labor.

Dimensional Data

Options and Accessories

	Description	Model Number
	Network Keypad. Used to control ViconNet digital video management systems, including Virtual Matrix Display Controller (VMDC); USB connection	VN-KEYPAD

ORDERING INFORMATION

ViconNet VMS	Description	Model Number
Peak	ViconNet Peak Video Management Software (VMS) loaded on SAN NVR PLUS. 2U Rackmount. Dual XEON CPU. Dual GB LAN. Dual power supply. DVD Drive. 8 Hard Drive Bays. Mirrored system hard drive. Configured for use with external SAN RAID	VPK-SANV8-PLUS
Zone 35	ViconNet Peak Video Management Software (VMS) loaded on SAN NVR PLUS. 2U Rackmount. Dual XEON CPU. Dual GB LAN. Dual power supply. DVD Drive. 8 Hard Drive Bays. Mirrored system hard drive. Configured for use with external SAN RAID	VZN35-SANV8-PLUS
Zone 16	ViconNet Peak Video Management Software (VMS) loaded on SAN NVR PLUS. 2U Rackmount. Dual XEON CPU. Dual GB LAN. Dual power supply. DVD Drive. 8 Hard Drive Bays. Mirrored system hard drive. Configured for use with external SAN RAID	VZN16-SANV8-PLUS
Zone 9	ViconNet Peak Video Management Software (VMS) loaded on SAN NVR PLUS. 2U Rackmount. Dual XEON CPU. Dual GB LAN. Dual power supply. DVD Drive. 8 Hard Drive Bays. Mirrored system hard drive. Configured for use with external SAN RAID	VZN9-SANV8-PLUS

Specifications subject to change without notice.

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