

Vigilant NetVR™ Series

Recording and Streaming Network Video Servers



Vigilant NetVR™ 5210



Vigilant NetVR™ 5201



Vigilant NetVR™ 5205

Offering highly reliable, flexible and scalable network-based management for recording and streaming video surveillance footage, Vigilant NetVR™ is an enterprise-grade video server designed for mission-critical deployments.

Featuring industry-leading video quality, intelligent event detection, highly-efficient streaming and storage, and seamless remote access - Vigilant NetVR is the backbone of Vigilant's unique video surveillance solution.

Maximum flexibility and freedom

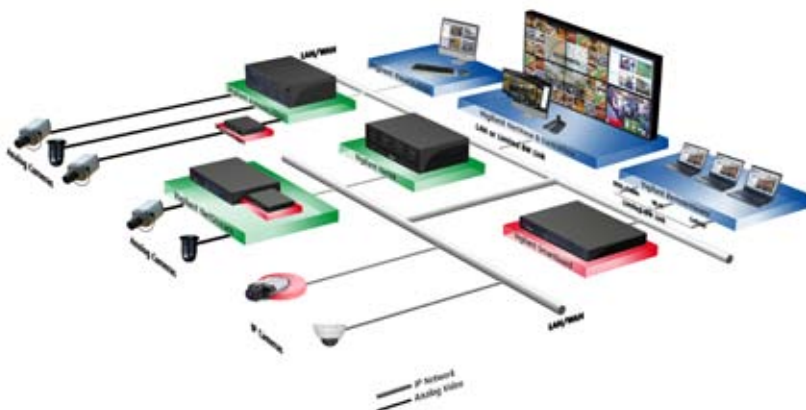
Vigilant NetVR, together with Vigilant NetStream advanced IP video encoders, empower authorized security personnel with maximum flexibility and freedom - enabling simultaneous access, control and viewing of live or playback video from any IP or analog camera, fixed or PTZ - regardless of user location or client device.

Designed to meet today's tough security standards, Vigilant NetVR provides unique video quality, unmatched scalability, 365x7x24 availability, and excellent flexibility. Further, featuring easy third-party interoperability with IP devices or parallel systems, and future-proof migration from legacy analog to hybrid or even pure IP environments - Vigilant NetVR helps protect existing infrastructure investment, maximizing ROI.

Standalone solution, or part of an end-to-end suite

Vigilant NetVR can be implemented as either a standalone recording solution (together with the industry-renowned Vigilant ViewStation investigation application), or as part of Vigilant's end-to-end Video Surveillance Suite.

The Vigilant Video Surveillance Suite includes Vigilant NetVR, seamlessly integrated with Vigilant NetView (Control Center), Vigilant SmartGuard (Advanced Video Content Analysis), Vigilant Xstream or Elite (DVR), and many leading third party IP cameras and encoders.



Vigilant NetVR Highlights

- > Multi-layer redundancy mechanisms, including network-based, hardware based (redundant power supply, fans, etc.) and architecture-based (N+N / N+1 redundancy schemes)
- > Recording and streaming of MPEG-4 video streams ranging from CIF to D1, from low frame rates to 25 fps (PAL) or 30 fps (NTSC)
- > Automatic real-time, event-driven push delivery of video to viewers
- > Scalable to unlimited number of IP cameras or analog cameras through Vigilant or third-party encoders
- > Unlimited storage size scalability - internal or external storage, Raid-5 or Raid-0
- > Leverages existing IP/Ethernet infrastructure for video stream delivery, reducing deployment costs
- > Seamlessly integrated with all complementary Vigilant products and solutions suite to ensure protection of existing infrastructure investment
- > Multi-site, enterprise-wide or remote access via LAN/WAN/Internet

Key Benefits

- > Protects investment in legacy analog cameras through support of Vigilant NetStream or third-party encoders
- > 365x7x24 availability for mission-critical deployments
- > Optimized video quality to meet both viewing and storage requirements
- > User-defined, unlimited recorded video duration through highly efficient storage management
- > User-controlled migration from analog to hybrid or pure IP environments
- > 'Surveillance by exceptions' enabler, through internal video analytics or integration with Vigilant SmartGuard VCA solution
- > Open architecture ensures easy interoperability with third party IP devices or parallel systems like Access Control
- > Future-proof to support any deployment size and future requirements
- > Minimal IP network load and improved traffic management through bandwidth optimization leveraging Vigilant's recognized compression algorithms

Vigilant NetVR™

Technical Specifications

	Vigilant NetVR 5201	Vigilant NetVR 5205	Vigilant NetVR 5210
General			
Description	Vigilant NetVR server with internal Raid-0 storage	Vigilant NetVR server with internal Raid-5 storage	Vigilant NetVR server with external Raid-5 storage unit
Form Factor	2U (Server & Storage)	3U (Server & Storage)	1U (Server only)
Channels supported	24	24	40
Video Compression			
Compression standard	MPEG-4 ISO/IEC 14496 Variable bit rate	MPEG-4 ISO/IEC 14496 Variable bit rate	MPEG-4 ISO/IEC 14496 Variable bit rate
Resolution & FR PAL	1, 4, 6.25, 12.5, 25 / 720 x 576, 704 x 576, 352 x 288	1, 4, 6.25, 12.5, 25 / 720 x 576, 704 x 576, 352 x 288	1, 4, 6.25, 12.5, 25 / 720 x 576, 704 x 576, 352 x 288
Resolution & FR NTSC	1, 4, 7.5, 15,30 / 720 x 480, 704 x 480, 352 x 240	1, 4, 7.5, 15,30 / 720 x 480, 704 x 480, 352 x 240	1, 4, 7.5, 15,30 / 720 x 480, 704 x 480, 352 x 240
Audio Compression			
Compression standard	ITU 722.1 FM quality, 12 and 24 Kbps	ITU 722.1 FM quality, 12 and 24 Kbps	ITU 722.1 FM quality, 12 and 24 Kbps
Network			
Network Interface Ports	2 x 1000Base-T, 1 x Ethernet 10/100 Base-T	2 x 1000Base-T, 1 x Ethernet 10/100 Base-T	2 x Ethernet 1000/1000 Base-T
Connector	RJ-45 Jack	RJ-45 Jack	RJ-45 Jack
Protocols	Transport: RTP/IP, TCP/IP, UDP/IP & IP Multicast; Other: DNS, DHCP Client	Transport: RTP/IP, TCP/IP, UDP/IP & IP Multicast; Other: DNS, DHCP Client	Transport: RTP/IP, TCP/IP, UDP/IP & IP Multicast; Other: DNS, DHCP Client
Processor, Memory & Power			
Processor Type (minimal spec)	Intel Pentium Dual Core 1.6G/800Mhz Processor	Intel Pentium Dual Core 1.6G/800Mhz	Core Intel® Xeon® 5100 sequence processor, 2.0 GHz, 133 MHz FSB
Memory	DDR2-667 SDRAM with Advanced ECC	DDR2-667 SDRAM with Advanced ECC	PC2-5300 Fully Buffered DIMM memory, with Advanced ECC
Memory Size	2 GB	2 GB	2 GB
RAID Controller	SATA RAID RAID 0,1 Window OS driver	Intel 80321 64 bit RISC	Embedded SATA Raid Controller
Operating System	Windows XP	Windows XP / Windows 2003 Server	Windows XP / Windows 2003 Server
Power Supply	90 VAC to 254VAC full range, 47 to 63Hz @ 350W	AC 90V to 254V full range, 47 to 63Hz @ 350W (Dual hot swappable PS)	90 VAC to 264 VAC full range; 47Hz to 63Hz @ 650W (Optional - Dual hot swappable PS)
Physical			
Dimensions	3.46 x 16.9 x 19.6 in / 8.8 x 43 x 50 cm	5.15 x 17.6 x 20.5 in/ 13.1 x 44.76 x 52.32 cm	1.70 x 16.78 x 27.75 in / 4.32 x 42.62 x 70.49 cm
Weight (approximate)	39 lb / 18 kg	70 lb / 32 kg	35 lb / 15.87 kg
Temperature Range (Operating)	50° to 95° F / 10° to 35° C	50° to 95° F / 10° to 35° C	50° to 95° F / 10° to 35° C
Humidity (Operating, non considering)	10% to 85%	10% to 85%	10% to 85%
Storage Unit			
Type	Raid-0 Internal	Raid-5 Internal	Raid-5 External
Storage Size	Up to 4 TB	Up to 7 TB	Up to 15 TB per unit; up to 60 TB total
Dimensions	NA	NA	7 x 17.7 x 19 in / 177 x 45.08 x 48.2 cm
Weight (approximate)	NA	NA	51.8 lb / 23.5 kg
Temperature Range (Operating)	NA	NA	40° to 95° F / 50° to 35° C
Humidity (Operating, non considering)	NA	NA	20% to 80%

Ordering Information

Models	Description
Vigilant NetVR 5201	Vigilant NetVR Server with up to integrated 4000GB Raid-0 storage unit, supporting up to 24 channels; CIF/4CIF/ D1 @ 6.25/7.5, 12.5/15 & 30/25
Vigilant NetVR 5205	Vigilant NetVR server with integrated 3500GB/7000GB Raid-5 storage unit, supporting up to 24 channels; CIF/4CIF/ D1 @ 6.25/7.5, 12.5/15 & 30/25
Vigilant NetVR 5210	Stand-alone Vigilant NetVR server supporting up to 40 channels; CIF/4CIF/ D1 @ 6.25/7.5, 12.5/15 & 30/25
Vigilant NetVR - Channel License	Single channel license

* All technical specifications are subject to change without prior notice.

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Defining the Vision...of a Secure World*