



ViSTA Networking Solutions

V7500 Series Network Video Recorder

Optimized for RDX Removable Media

The V7500 Series Network Video Recorders (NVRs) are a control and archive platform targeted for mid-range IP video surveillance applications having up to 24 cameras. This SurVIS™ (Surveillance Video Information Server) NVR has been optimized for use in conjunction with RDX removable hard drives from Imation and the Phoenix RSM™ Video Management Software (VMS) from SoleraTec in a multi-stream camera environment. Modern IP cameras are capable of providing more than one video stream which can be managed independently.

The V7500 series has been optimized for a camera configuration which provides one high resolution video stream and one low resolution video stream per camera. The two streams from each camera are recorded on to either a traditional hard drive or an RDX removable hard drive for long term archiving. The VMS not only manages the recording to the independent media but also keeps track of the content which is removed from the system via the RDX drive. As both video streams are recorded without processing they both maintain an unbroken chain-of-custody for use legal cases.

These NVR systems come in a desktop form factor and are pre-loaded with the Phoenix RSM VMS. The V7500 has two RDX docks to facilitate recording of the high resolution video feeds. The low resolution video is recorded on a single 4TB spinning disk. The V7501 has one RDX dock to record the low resolution video streams while the high resolution video feeds are recorded to the two 4TB hard drives

In green field installations or system upgrades, network surveillance solutions like those offered by VNS are an excellent choice to meet end user's increasing demands from their security systems.

Applications and Features

Applications:

- Parking Structures
- Apartment Complexes
- Bank Branch Offices
- Managed Care Facilities
- Strip Mall Retail Centers
- Clinics
- Large Medial Office Buildings
- Education Facilities
- Small Airports/FBO



Features:

- Affordable Long-Term Video Retention
- Seamless Video Lifecycle Management
- Ultra Fast Search and Playback
- Record at Maximum Frame Rate and Resolution
- Desktop Foot Print
- Intel® Quad Core Technology
- Imation RDX Removable Hard Drive Dock(s)
- SoleraTec Phoenix VMS





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Configurations:

- **V7500:** 3.0 GHz Quad Core processor, 8 GB RAM, two RDX dock, 4TB SATA HD, SSD OS Drive, Windows Operating System, DVD RW and two 10/100/1000 Mbps LAN Ports
- **V7501:** 3.0 GHz Quad Core processor, 8 GB RAM, one RDX dock, two 4 TB SATA HDs, SSD OS Drive, Windows Operating System, DVD RW and two 10/100/1000 Mbps LAN Ports

Specifications:

SUPPLIED ACCESSORIES

Power Cable (s)	1-3 USA Standard 117VAC, 3 prongs, 6ft
Keyboard	1 Basic Keyboard
Mouse	1 USB/PS2, Scroll Wheel, 3 Button
Restore	All original installation discs
Rail Kit	Rack mount systems only

SYSTEM

Processor	Intel® Core i5® Quad Core
Internal Memory	8GB DDR3 RAM 1600 MHz
Operating System	Windows 7 Professional
Operating System Storage	128 GB SSD with RAID 1 Option
Video Archive Capacity	Up to 8 TB of SATA III Storage
RAID Level	None
Network Interface	2 Gigabit Ethernet RJ-45 (1000BaseT)
Auxiliary Interfaces	USB 2.0 and 3.0 Ports

VIDEO

CIF Processing Equivalent	Up to 800 VGA/sec* or 120 Mbps
Resolution	QCIF to mega-pixel based camera spec
Display	One monitor

ENVIRONMENTAL

Operating	10° to 32° C (50° to 90° F), 8% to 80% (non-condensing)
Storage	-40° to 70° C (-40° to 158° F), 5 to 95% (non-condensing)

PHYSICAL

CASE B

Form Factor	Mid-Tower Desk Top with Storage Bays
Power Supply	465 watt
Cooling	1 x 92 mm
Dimensions	(HxWxD) 16 x 7 x 20.9in. (427 x 178 x 531 mm)
Unit Weight (gross)	Approximately 50 lbs (22.7 kg.)

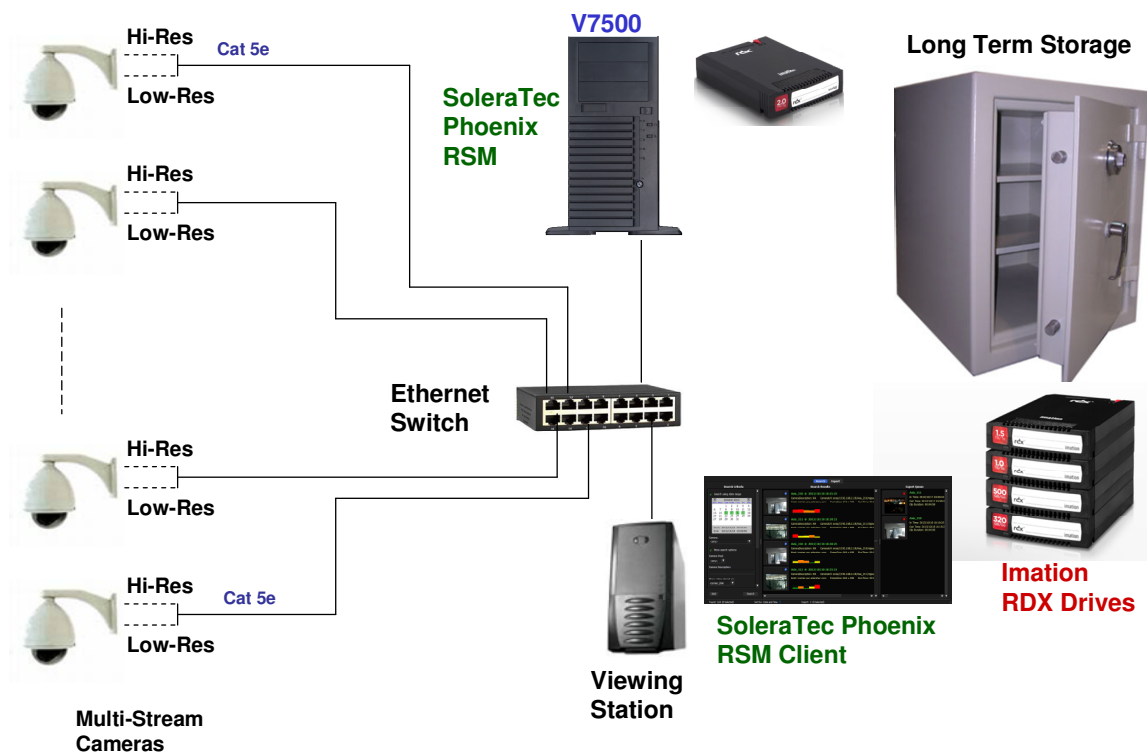
CASE C

Form Factor	Mid-Tower Desk Top with 4 Storage Bays
Power Supply	650 watt 1+1 Redundant
Cooling	1 x 120 mm (Rear) & 2 x 120 mm (Middle) Fans
Dimensions	(HxWxD) 16.7 x 8.7 x 24.4 in. (425 x 220 x 620 mm)
Unit Weight (gross)	Approximately 50 lbs (22.7 kg.)



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Optimized for RDX System Architecture



Solution Equipment List*

- 1) V750x Network Video Recorder with Phoenix VMS installed
- 2) IP video cameras with multi-stream capability
- 3) Gigabit Ethernet switch. Use of Power-over-Ethernet (PoE) is a user option.
- 4) Networking cables. Typically Cat5e or Cat6
- 5) RDX removable hard drives from Imation
- 6) Client work station to display live video and access archives

* Components 2 though 6 are sold separately and are not part of the V7500 or V7501 products

*VGA/sec processing dependent on video surveillance management software package
Specifications subject to change without notice

Phoenix RSM is a trade mark of SoleraTec
Intel is registered trade mark of Intel Corporation
Windows is a registered trade mark of Microsoft Corporation