TruVision SVR

Network video recording software

H.264 COMPRESSION | MPEG-4 | MJPEG | 10 MPX | RAID SUPPORT | SOFTWARE/COTS RECORDER | 300+ CAMERAS SUPPORTED | AUDIO | 3 modes RECORDING | NAS SUPPORT

OVERVIEW

The TruVision® Software Video Recorder (SVR) is designed for use with Commercial Off-The-Shelf Storage (COTS) servers and easily integrates with TruVision Navigator Video Management software to deliver a seamless video management experience. This solution supports 300+ IP cameras from Interlogix as well as 3rd party manufacturers, providing a flexible, open platform.

This software is available with a simple non-recurring one-time license for easy management. After an initial 30-day trial period, recorder server license may be purchased and configured easily to simplify system management.

STANDARD FEATURES

- Software Integration – fully supported by TruVision Navigator Video Management software
- Simple, one-time licensing, no recurring fees required

CAMERA SUPPORT

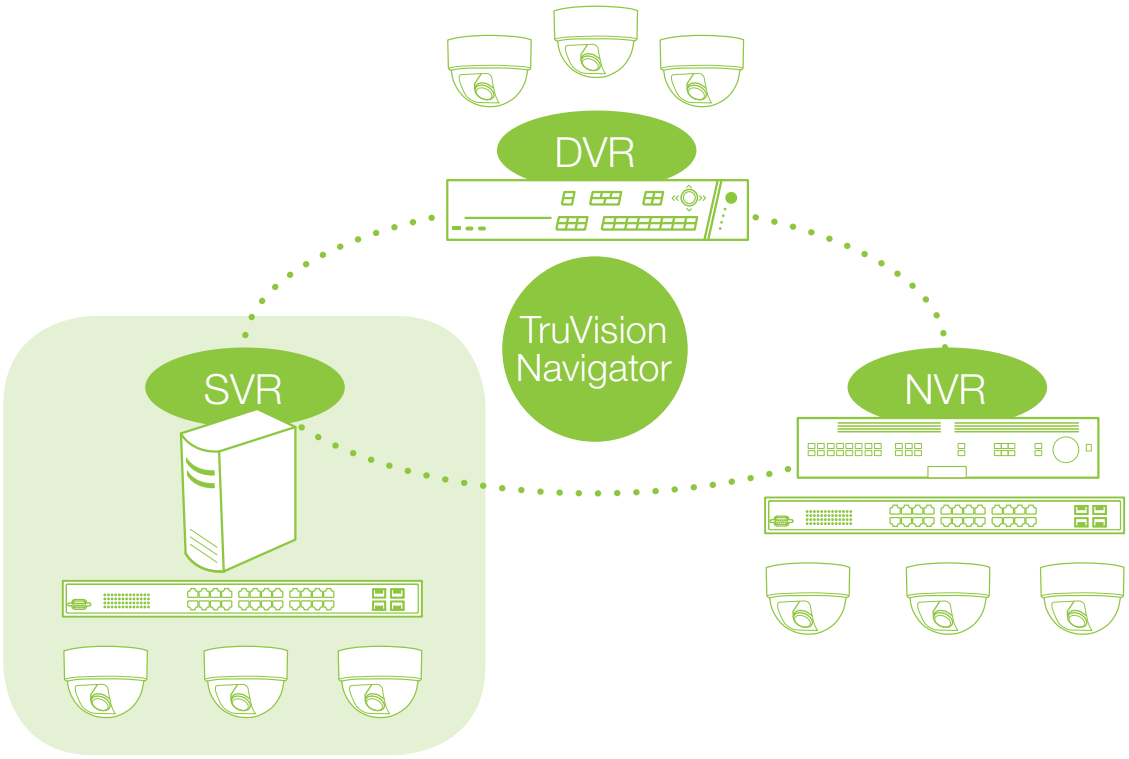
- Up to 10MPx resolution cameras
- TruVision and UltraView IP cameras from VGA through 5.0 megapixel (indoor and outdoor)
- Supports 300+ camera models from 3rd party manufacturer
- TruVision 4, 8 and 16-channel encoders
- PTZ Control via TruVision Navigator Software

SOFTWARE RECORDER FEATURES

- Optimized for MJPEG, MPEG-4 and H.264 cameras and encoders
- Megapixel recording for clear image quality
- Bandwidth throttling to preserve bandwidth and efficiently utilize storage
- Event-based recording configurations to optimize storage
- Network Attached Storage (NAS) support
- RAID support for redundant data backup
- Supports inputs/outputs on camera to speed search time
- Health diagnostics and performance monitoring
- Supports virtual environments
- Integrated database reduces installation time
- Robust logging enhances problem resolution
- Continuous, event or scheduled recording modes
- Audio recording with capable IP cameras
- Digital zoom on live and recorded video
- Motion, camera tampering and camera brightness detection

System diagram

The TruVision® Line includes DVR, NVR and SVR solutions for comprehensive recording options.



Device Configuration SVR

Remote configuration of the SVR is seamless and just 1 click away – no need to launch different applications or browsers.

Live View SVR

Obtaining live video is a double click away, regardless of the device. Once viewed, snapshots, local recordings, full screen mode, instant replay and playback are all afforded with minimal clicks.

Specifications

Component	Minimum	Recommended	High
Notes	Below configuration is tested to support 32 IP cameras recording at 4CIF resolution with 30fps, 50% compression, and motion detection enabled. (82% CPU Utilization)	Below configuration is tested to support 32 IP cameras recording at 4CIF resolution with 30fps, 50% compression, and motion detection enabled. (56% CPU Utilization)	Below configuration is tested to support 64 IP cameras recording at 4CIF resolution with 30fps, 50% compression, and motion detection enabled. (68% CPU Utilization)
Processor	Intel Core I5-2400 3.10GHZ 6MB L3 Cache Quad Core Processor	Xeon X3450 2.66GHz 8MB Cache 2.5 GT/s Quad Core Processor	Dual Xeon E5620 2.26GHz 5.86 GT/s Quad Core Processors
Memory	4GB DDR3 1333MHz NECC UDIMMs	4GB DDR3 1333MHz NECC SDRAM	6GB DDR3 1333MHz NECC SDRAM
Hard Drive (OS)	250GB – 7200RPM, SATA 3.0Gb/s, 16MB Cache	500GB5 – 7200RPM, SATA 3.0Gb/s, 16MB Cache	500GB5 – 7200RPM, SATA 3.0Gb/s, 16MB Cache
Network	Integrated PCIE 10/100/1000	Integrated PCIE 10/100/1000	Integrated PCIE 10/100/1000
Supported Operating Systems	• Windows Server 2003 SP2 Standard and Enterprise • Windows Server 2003 R2 with SP2 Standard and Enterprise • Windows Server 2008 SP2 32-bit • Windows Server 2008 SP2 64-bit • Windows Server 2008 R2 with SP1 Standard and Enterprise • Windows 7 SP1 32-bit • Windows 7 SP1 64-bit		
Required Software	TruVision® Navigator 5.0 or above		

Storage Table

Typical camera capacity configurations 16 Channels

Recording Resolution	Recording Frame Rate	Maximum Number of Interlogix IP Cameras	Recommended Days of Storage		
			10 Days	20 Days	30 Days
4CIF	15 fps	16	2TB	4TB	6TB
4CIF	25/30 fps	16	4TB	8TB	
1.3 Mpx	10 fps	16	4TB	6TB	8TB
1.3 Mpx	16 fps	16	4TB	8TB	
1.3 Mpx	25/30 fps	10	8TB		
2 Mpx	4 fps	16	4TB	8TB	
2 Mpx	10 fps	16	8TB		
2 Mpx	25/30 fps	8	8TB		
3 Mpx	4 fps	16	8TB		
3 Mpx	12 fps	10	8TB		
5 Mpx	4 fps	12	8TB		
5 Mpx	6 fps	10	8TB		

Note: This is an indication only; results depend on cameras used and environment.

Supported Cameras

The TruVision SVR supports cameras from the following manufacturers*:

Arecont Vision
Axis
Baxall
Interlogix
IQinvision
JVC
Lenel
Lumenera
Mobotix
Panasonic
Sony
Toshiba

*Refer to online tool at www.interlogix.com for complete details.

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North America
T 855-286-8889

Asia
T 852-2907-8108

Australia
T 61-3-9239-1200

Europe
T 32-2-725-11-20

Latin America
T 561-998-6114

Ordering Information

TVS-BASE	TruVision® SVR Base License	Required for each TruVision SVR Recorder
TVS-CAM	TruVision SVR 3rd Party Camera License	Required for each Individual 3rd Party Camera
TVS-CAM-ILX	TruVision SVR Interlogix Camera License	Required for each Individual Interlogix Camera

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Specifications subject to change without notice.

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