VMS2.4

• Optimized for Megapixel Video Recording
• Scalable Client - Server Architecture
• Real Time Video Analytics Solutions
• Actionable Video Monitoring
• Powerful Investigation Modes
• Multiple Display Options
• Hybrid Solution Intergrated with Megapixel Network Camera
• RAID Storage Expansion

▌ VMS Specifications

Live View	• Real-time discovery of supported network cameras • Versatile view templates supporting various screen divisions • HTML and image overlays • Multiple views supported • View patrolling for single or multiple views • Real time vidoe/event alarm display • Instant playback supported • Video clip bookmarking
eMAP	• Drag-n-drop camera manipulation • Directional camera display • Hierarchical map structure • Real time event alert • Instant live video of camera • Multiple maps supported
PTZ	• Pan, tilt, zoom operations (dependent of camera) • Built-in, floating PTZ control panel • Preset position (dependent of camera) • Scheduled or continous camera patrolling • Event-driven camera patrolling
Investigation	• Search by date, time, camera • Search by pre-defined recent time • Search by VI event combinations • Search over multiple days • Search over multiple cameras • Video clip bookmarking and commenting • Search via built-in VI analyzer • Video clip bookmarking and commenting • Customizable bookmark • Intuitive, video thumbnail-based, search results display • Cue-in (point A), cue-out (point B) points and A-B repeat • Quick playback via video thumbnail from search results • 1/8, 1/4, 1/2 and 2x, 4x, 8x forward, play, pause, stop • AVI-formated video clip export • 4-channel synchronized playback*
Instant Playback	• Supported in video alarm, event alarm, view functions • Pre-defined playback durations • Supports video clip bookmarking

Video Intelligence	• General motion detection • Missing object detection • Foreign object detection • Intrusion detection • Forbidden area detection • Tampering detection • On screen alert of video loss • Virtual fence* • Object counting*
Recording Policy	• Continuous recording, 24 hours a day, 7 days a week • Scheduled recording on daily or weekday basis • Event-driven recording along with rules • Pre-alarm recording up to 45 minutes • Post alarm recording up to 45 minutes
Rule Manager	• Flexible conditional combinations • Versatile notification mechanisms
Remote Management	Standalone & web-based* VMS Client, supporting Live View, eMap, PTZ, video/event alarm, Playback, and etc.
3rd Party IPCAM	AXIS, SONY, Panasonic, Mobotix, Arecont Vision, IQinVision, Zavio, VIVOTEK, ACTi, D-Link, Asoni, AVTech
Hybrid Solution	Supports 16CH capture card for analog cameras*, working along with megapixel network cameras
General & Misc	• Video codec: H.264, MPEG4, MJPEG • Image enhancement • Video privacy mask • Digital zoom in, zoom out • Log viewer • Windows lockup • Client auto login • Digital I/O management • Automatic storage recycling • Language supported: English, French, German, Portuguese, Spanish, Simple Chinese, Traditional Chinese • Client-server architecture • Guaranteed performance of long period recording • Customizable appearance of Surveon logo • Supports up to 64 channels megapixel recording • Configurable video retention period • Provides 8CH free trial (supporting Surveon or 3rd party network camera) • Supports IFT SAS expansion card to scale up video storage space • RAID storage unit management • Digital watermark proofing*

* Available in VMS 2.4.5

Trusted Megapixel IP Video Solutions

Surveon
www.surveon.com

VMS2.4

Key Features

Optimized for Megapixel Video Recording

Leveraging more than a decade of experience in the field of high-performance storage, Surveon VMS has been optimized to deal with high data loads, minimizing the risk of frame loss, hardware failure, system shut down and providing security integrators with a simple update path to megapixel video solutions.

Real Time Video Analytics Solutions

Surveon VMS turns traditional surveillance networks into effective detection and monitoring solutions utilizing a comprehensive video analytics suite for real-time detection & alerts, including missing object, foreign object, basic intrusion, forbidden area, tampering and general motion detection.

Scalable Client - Server Architecture

With client-server architecture, Surveon VMS excels in both simple standalone models and distributed multi-server, multiple-site situations.

Powerful Investigation Modes

In addition to the standard date-time search and instant playback, Surveon VMS also supports multi-event and video intelligent searches. These powerful search modes increase investigative effectiveness and efficiency.

Actionable Video Monitoring

Surveon VMS allows users instant playback functions from live video feeds and alarm notifications. These video clips can be bookmarked and archived for further investigation, providing users actionable event monitoring.

Multiple Display Options

Surveon VMS supports up to 8 monitors that can be easily configured to display combinations of live video, eMAP, investigation or HTML content to meet customer's requirements.

Ordering Information

Part Number	Description
VMS50XX	4CH, 8CH, 16CH, 32CH, 64CH IP camera inputs
VMS5008-8B	8CH, 7 days recording, RAID 5 or 6
VMS5008-8B	8CH, 14 days recording, RAID 5 or 6
VMS5008-8B	8CH, 30 days recording, RAID 5 or 6
VMS5016-8B	16CH, 7 days recording, RAID 5 or 6
VMS5016-8B	16CH, 14 days recording, RAID 5 or 6
VMS5016-16B	16CH, 30 days recording, RAID 5 or 6
VMS5024-8B	24CH, 7 days recording, RAID 5 or 6
VMS5024-12B	24CH, 14 days recording, RAID 5 or 6
VMS5024-24B	24CH, 30 days recording, RAID 5 or 6
VMS5032-8B	32CH, 7 days recording, RAID 5 or 6
VMS5032-12B	32CH, 14 days recording, RAID 5 or 6
VMS5032-24B	32CH, 30 days recording, RAID 5 or 6
VMS5048-12B	48CH, 7 days recording, RAID 5 or 6
VMS5048-24B	48CH, 14 days recording, RAID 5 or 6
VMS5048-36B	48CH, 30 days recording, RAID 5 or 6
VMS5064-12B	64CH, 7 days recording, RAID 5 or 6
VMS5064-24B	64CH, 14 days recording, RAID 5 or 6
VMS5064-48B	64CH, 30 days recording, RAID 5 or 6

Hardware Requirements

		16~32CH	<= 16CH
VMS Server + Local Client	OS	32-bit : Windows XP Professional, Home; Vista Home Basic, Home Premium, Business, Enterprise, Ultimate; Windows 7 Home Basic, Home Premium, Professional, Enterprise, Ultimate 64-bit : Windows 7 Home Basic, Home Premium, Professional, Enterprise, Ultimate	
	CPU	Intel Core 2 Quad@2.66GHz or above	Intel Dual Core@2.6GHz or above
	Memory	4 GB or above	2 GB or above
	Display	nVidia GeForce 210 512MB, or ATI Radeon HD 5450 512MB, or above	On board (generic)
	HDD	SATA 7200 RPM, 500 GB or above	
	Network	1 Gbps or above	
Remote Client	OS	Same as above	
	CPU	Intel Core 2 Quad@2.66GHz or above	Intel Dual Core@2.6GHz or above
	Memory	4 GB or above	2 GB or above
	Display	nVidia GeForce 210 512MB, or ATI Radeon HD 5450 512MB, or above	On board (generic)
	HDD	SATA 7200 RPM, 500 GB or above	
	Network	1 Gbps or above	
VMS Server Only	OS	Same as above	
	CPU	Intel Dual Core@2.6GHz or above	
	Memory	4 GB or above	2 GB or above
	Display	On board (generic)	
	HDD	SATA 7200 RPM, 500 GB or above	
	Network	1 Gbps or above	

* Reording of megapixel, bit rate=4 Mbps, 24 hr per day