



- Optimized for Megapixel Video Recording and Management
- Scalable Client Server Architecture
- Real Time Video Analytics
- Active Alarm and Event Handling
- Powerful Investigative Modes
- Advanced eMap & In-view HTML Overlay
- Maximum 8 Display Support
- RAID Storage Expansion Support
- Integrated RAID Storage Management

VMS Specifications

Live View	<ul style="list-style-type: none"> • Real-time network camera discovery • Versatile views of various screen divisions • HTML and image overlays • Multiple views supported • View patrolling for single or multiple views • Real time video/event alarm display • Instant playback • Video clip bookmarking 	Recording Policy	<ul style="list-style-type: none"> • Continuous recording • Manual recording • 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
eMAP	<ul style="list-style-type: none"> • Drag-n-drop camera manipulation • Directional camera display • Hierarchical map structure • Real time event alert • Instant live video of camera • Multiple maps supported 	Rule Manager	<ul style="list-style-type: none"> • Conditional recording/alert/notification • Email, FTP, SMS, phone notifications • Sound, alarm, round-the-clock alerts
PTZ	<ul style="list-style-type: none"> • Pan, tilt, zoom operations (dependent of camera) • Built-in, floating PTZ control panel • Preset position (dependent of camera) • Scheduled or continuous camera patrolling • Event-driven camera patrolling • On Screen PTZ control 	Remote Management	Full functional operation & management via standalone VMS Client
Multiple Displays	<ul style="list-style-type: none"> • Up to 8 monitors • Supports live view, playback, eMap functions • Direct display to secondary monitor(s) 	Remote Client	<ul style="list-style-type: none"> • Web Client • iPhone Client
Investigation	<ul style="list-style-type: none"> • 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 • Customizable bookmark • Intuitive, video thumbnail search results • Cue-in, cue-out and repeat • Quick playback by video thumbnail • 1/8, 1/4, 1/2, 1x, 2x, 4x, 8x play, pause, stop • AVI-formated video clip export • 4-channel synchronized playback 	3rd Party IPCAM	ACTi, AXIS, SONY, VIVOTEK, Arecont Vision, HIKVISION, IQinVision, MOBOTIX, Panasonic, Asoni, AVTECH, D-Link, SAMSUNG
Instant Playback	<ul style="list-style-type: none"> • Supported in video alarm, event alarm, view functions • Pre-defined playback durations • Video clip bookmarking 	Hybrid Solution	Supports 16CH capture card for analog cameras*
Video Intelligence	<ul style="list-style-type: none"> • General motion detection • Missing object detection • Foreign object detection • Intrusion detection • Forbidden area detection • Tampering detection • Virtual fence • Object counting 	Storage Expansion	Supports Infortrend RAID storage
		General & Misc	<ul style="list-style-type: none"> • 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 • 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 • Built-in RAID storage management • Digital watermark proofing* • Language supported: English, French, German, Portuguese, Spanish, Simple Chinese, Traditional Chinese, Italian, Japanese, Russian • Support DDNS Function • Support USB joystick • Support ethernet I/O device* • Support NTP Server synchronized*

* Available soon

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

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.

Ordering Information

Part Number	Description
ZUSB4CH-0010	VMS Enterprise with 4CH licensed USB dongle
ZUSB8CH-0010	VMS Enterprise with 8CH licensed USB dongle
ZUSB16CH-0010	VMS Enterprise with 16CH licensed USB dongle
ZUSB32CH-0010	VMS Enterprise with 32CH licensed USB dongle
ZUSB64CH-0010	VMS Enterprise with 64CH licensed USB dongle
ZUSBSRV-0010	VMS Enterprise with 64CH licensed USB dongle

Optional Accessories

Part Number	Description
BH1LSS110-0010	HBA card (for storage expansion)
iVS3008A	8 Bay RAID Video Storage
iVS3012S	12 Bay RAID Video Storage (Expandable via JBOD)
iVS3012A	12 Bay RAID Video Storage
iVS3016A	16 Bay RAID Video Storage
iVS5012S	12 Bay Video Storage (iSCSI) (Expandable via JBOD)
iVS5012A	12 Bay Video Storage (iSCSI)
iVS5016A	16 Bay Video Storage (iSCSI)

* For more information, please refer to iVS datasheets

Powerful Investigative 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.

Active Alarm and Event Handling

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.

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 i7-860 or above	Intel Core i3-530 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 i7-860 or above	Intel Core i3-530 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	
VMS Server Only	OS	Same as above	
	CPU	Intel Core i3-530 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		