



- Unlimited Hosts Supported
- Centralized Management
- Scalable Client - Server Architecture
- Active Alarm and Event Handling
- Powerful Investigative Modes
- Advanced eMap & In-view HTML Overlay
- Multiple Display Options (Multi TV-Wall Control)

The Surveon CMS is a complete solution for large-scale and high level enterprise projects. Surveon CMS can manage all Surveon product including SMR Series, NVR Series and VMS server. Surveon CMS can support unlimited numbers of cameras, I/O devices, SMR/NVR/VMS servers and users. Surveon CMS allows multiple client to manage multipleservers performing monitoring, recording, and playback over different servers.

### CMS Specifications

General & Miscellaneous	<ul style="list-style-type: none"> <li>• Unlimited NVR Hosts &amp; IP Device Supported</li> <li>• Live NVR Status &amp; NVR Storage Info</li> <li>• Auto Login &amp; Auto Connection Lost Recovery</li> </ul>
Live View (Live Monitoring)	<ul style="list-style-type: none"> <li>• Up to 128 Live View Channels (CMS v2.6)</li> <li>• Video Intelligence Supported</li> <li>• Real-Time Audio Monitoring</li> <li>• HTML and Image Overlays</li> </ul>
Multiple Displays	<ul style="list-style-type: none"> <li>• Up to 8 Monitors Displays</li> <li>• Direct Display to Secondary Monitors</li> <li>• Supports Live View, Playback and eMap Functions</li> <li>• Multi TV-Wall Control and Matrix Client (CMS v2.6)</li> </ul>
E-Map	<ul style="list-style-type: none"> <li>• Unlimited E-Map Hosts</li> <li>• Hierarchical Map Structure</li> <li>• Multiple Maps Supported</li> <li>• Real Time Event Alert</li> <li>• 4 E-Map Live Video</li> </ul>
Playback (Investigation)	<ul style="list-style-type: none"> <li>• 4 Channels Playback</li> <li>• Instant Playback Supported</li> <li>• Search by Date, Time, Camera, Event Type, VI Event Combinations</li> <li>• Post Search via VI Analyzer</li> <li>• Quick Search via Timeline Navigation Bar</li> </ul>
Event Log Function	<ul style="list-style-type: none"> <li>• Multiple Event Log (NVR Login/Logout, NVR Start/Stop, Monitor Start/Stop, Schedule Start/Stop, Disk Full, Disk Error, System Recycle, Keep Day Notification, System Abnormal, Network Abnormal, Camera Connection Lost, I/O Connection Lost, Digital Input Trigger, Video Intelligence, Video Lost, IP Change Detection, POS Abnormal Transaction) (CMS v2.6)</li> <li>• Event Notification Setting</li> <li>• Notification of SMS &amp; Email Alerts</li> <li>• Notification of Output Alerts (CMS v2.6)</li> <li>• Alarm Event Priority Define (CMS v2.6)</li> <li>• Event Log Filter (Search by Date, Time, Log Type)</li> <li>• Log File Export</li> </ul>
PTZ Control	<ul style="list-style-type: none"> <li>• Control of Joystick (CMS v2.5)</li> <li>• Remote PTZ Control</li> </ul>
Digital I/O Manager	<ul style="list-style-type: none"> <li>• Local I/O Control (CMS v2.5)</li> <li>• Remote I/O Control</li> </ul>

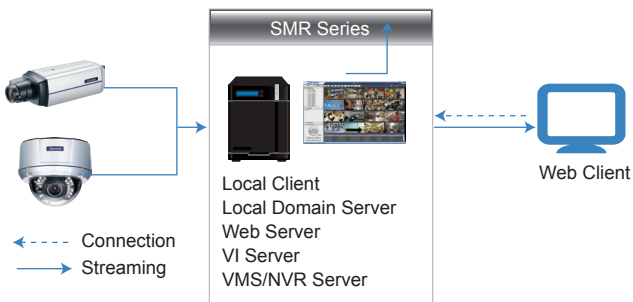
### Hardware Requirements

	<=20	Unlimited
CMS Server	OS	32-bit : Windows XP Professional, Home; Windows Vista Home Basic, Home Premium, Business, Enterprise, Ultimate; Windows 7 Home Basic, Home Premium, Professional, Enterprise, Ultimate; Windows Server 2008 R2 64-bit : Windows 7 Home Basic, Home Premium, Professional
	CPU	Intel Core i3-530 or above
	Memory	2x2 GB or above
	Display	nVidia GeForce 210 512MB or above
	HDD	SATA 7200 RPM, 500 GB or above
CMS Client (Control Center)	OS	32-bit : Windows XP Professional, Home; Windows Vista Home Basic, Home Premium, Business, Enterprise, Ultimate; Windows 7 Home Basic, Home Premium, Professional, Enterprise, Ultimate; Windows Server 2008 R2 64-bit : Windows 7 Home Basic, Home Premium, Professional
	CPU	Intel Core i7-860 or above
	Memory	2x2 GB or above
	Display	nVidia GeForce GT220 1GB
	HDD	SATA 7200 RPM, 500 GB or above
	Network	1 Gbps or above
	Network	1 Gbps or above

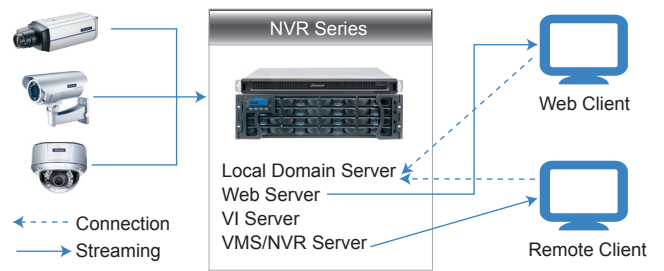
### Ordering Information

Part Number	Description
ZCMS05H-0010	CMS with 5 Host License USB Dongle
ZCMS10H-0010	CMS with 10 Host License USB Dongle
ZCMS20H-0010	CMS with 20 Host License USB Dongle
ZCMSULT-0010	CMS with Unlimited Host License USB Dongle

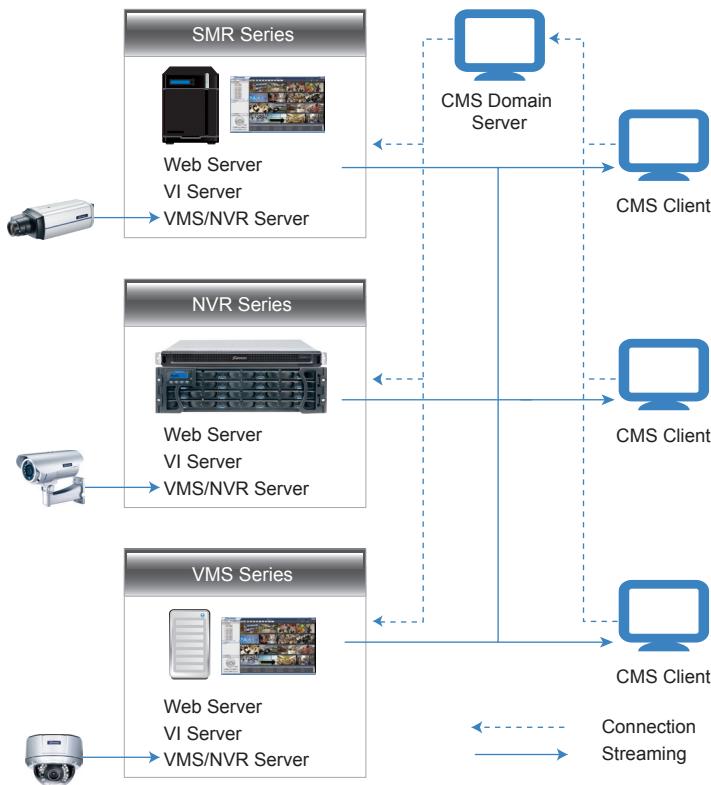
### All in one Architecture



### Client - Server Architecture



### CMS Architecture



#### CMS Modules

- **VMS/NVR Server:** Combines video recording, archival and retrieval functionalities for individual servers/standalone PCs.
- **Local Domain Server:** The interface between the VMS/VI/Web Servers and any clients.
- **Local Client:** Local access, preinstalled software for monitoring, access and configuration. Serves as the default .configuration point for NVR2000 series, which do not have a local client.
- **VI Server:** The video intelligence processing point for a VMS solution. Maybe be co-located with the VMS server, or exist on a separate server/PC.
- **Web Server:** Process video streaming for web client function.
- **Remote Client:** User installed software capable of accessing, configuring, and monitoring SMR/NVR, including PCs with VMS series installed.
- **CMS Domain Server:** Allows centralized control over multiple. SMR/NVR/VMS Server points and connections from multiple clients.
- **CMS Client:** Software capable of accessing multiple. SMR/NVR/VMS Servers through the CMS Domain Server.