

# Software

## CMS(Central Monitoring System)

### Enterprise-Level Management Software

Max. 180 Channel Real-Time Monitoring with 5 Monitors supported on a Single PC Workstation

VISION CMS is a powerful centralized management solution that offers the full flexibility to control the entire system over the network. User can set automatic backup schedule for effective handling of massive volume of video data, and also get the full monitoring on system status such as system temperature, CPU burden, network bandwidth in usage, etc.

### Max. 180CH Real-Time Monitoring

VISION CMS can monitor up to 180 channels from anywhere simultaneously. A maximum 144 channels can be shown on one monitor with a wide range of screen split modes such as 1, 4, 9, 16 and more.



### Up to 5 Monitors on a single P/C Workstation

User can connect up to 5 VGA monitors on a single PC workstation under much less CPU burden and thus effectively allocate each monitor for specific purpose.



### Cloning Features to Create a Separate Window

Cloning window function is one of quite unique tools only for VISION CMS. User can create up to 4 additional windows as far as system hardware is allowed.



### Multi-Layer E-Map Editor

E-Map feature is to provide graphic map information to overview entire CCTV layout, ensuring efficient management of the connected devices over network.



### Other Features

System Health Check, Multiple F/W Upgrade, Various Search & Backup Modes and IP Auto-Detection for whole connected device.

# Software

## VMS(Video Management Software)

16 Channel Live monitoring, VOD Playback with Intelli-Search Bar  
 Max. 180 Channel Real-Time Monitoring with 5 Monitors supported on a Single PC Workstation.  
 Live & VOD Backup by AVI Format and Built-in Back up Player.

### Specification of CMS & VMS & Web Viewer

Model	CMS (Central Manager)	VMS (Remote Manager)	Web Viewer	
Central Management	Status Information	Video, Audio, Sensor, Relay, Recording Status	No	
	HDD Information	Capacity, Usage (%), Temperature, Format Type	No	
	System Information	CPU Type & Speed, Memory, MAC No	No	
	Version Information	Model Name, S/W & H/W Version	No	
	Network Information	IP Address, Subnet Mask, Gateway & DNS	No	
	Connection Information	Connection Status, Bandwidth, Login User	No	
	IP Auto-Detection	Automatic detection of IP address over network	No	
	Firmware Upgrade	One-click upgrade for multiple registered DVRs	No	
	Schedule Backup	Programmable schedule from multiple DVRs	No	
	System Configuration	Remote configuration through IE	Remote configuration through IE	Remote configuration through IE
	Remote Rebooting	Rebooting of DVRs through IE	Rebooting of DVRs through IE	Rebooting of DVRs through IE
	Log Viewer	Collecting log data from registered DVRs	Event / System log search	No
	Connection Compatibility	Multiple connection to Embedded DVR, Streamer, IP camera	Multiple connection to Embedded DVR, Streamer, IP camera	Single connection to one DVR
	Group Management	Connection by Grouping	No	No
Time Synchronization	Time sync of multiple DVRs	Time sync of multiple DVRs	No	
Multi Monitoring	No of Monitor supported	Up to 5 monitors	Single monitor only	
	Additional Windows	Creating new windows up to 4	No	
	Maximum Channel	180 cameras monitoring	16 camera monitoring	
	Camera Allocation	Independent allocation of cameras	No	
	Auto Re-Connection	Auto reconnect upon network recovery Auto connect to previous View Layout	Auto reconnect upon network recovery Auto connect to previous View Layout	No
	Alarm Pop-up	Camera pop up upon alarm triggered	Camera pop up upon alarm triggered	No
	Remote Control Panel	Playback, Relay, PTZ, Live image	Playback, Relay, PTZ	PTZ
	Remote Playback	X16 forward / backward play	X32 forward / backward play	No
	Event View	Event & System logs	Event & System logs	No
	Search Mode	Intelli-search, Event search, File search	Intelli-search, Event search	No
	Miscellaneous	Printing, Snap Shot & Live AVI backup, De-interlacing, Digital Zoom, etc	Printing, Snap Shot & Live AVI backup, De-interlacing, etc	De-interlacing
E-Map	E-Map Editor	Easy editor by component drag & drop.	No	
	Device Supported	Camera, Relay, Alarm, Link	No	
	File Format	XML, JPG, BMP	No	
	Layer Supported	Multi-layer of e-map supported	No	
	Alert	Pop-up video windows by alarm trigger	No	

(\* ) Specification is subject to change without prior notice.