



Key Features

- Manage unlimited number of NVR servers and IP cameras
- Support H.264, MPEG-4 and MJPEG
- Live view with 1, 4, 9, 10, 16, 25, 32, 36, 49 and 64 layouts
- Live videos from different NVR servers into single layout
- PTZ control
- E-maps with camera icons, mini live views, map links and event status
- 4-channel synchronized playback
- Two-way audio, multi-channel audio broadcast
- Unlimited number of remote clients using web browser or installable program
- HTTPs protocol between server and client

Specifications

General	
Maximum number of NVR	Unlimited
Maximum number of Clients	Unlimited (networking bandwidth dependent)
Maximum number of Cameras	Unlimited
Compression	H.264, MPEG-4, MJPEG
Toolbar	Application, Hide Toolbar, Hide Panel and version number
Device Panel	INVR tree, Camera tree, Channel status indicator, Group list and group patrol
Module Tab	Live view, Playback, Smart Search, eMAP, Event and Setup

Live View

Display Layout	1, 2, 4, 6, 8, 9, 10, 16, 25, 32, 36, 49 and 64
Video Panel	Live view; channel reconnection/disconnect; digital zoom; PTZ; manual recording; instant playback and Go to Playback; audio in/out; toggle-stretch mode; and snapshot.
Event Panel	Alerts of network loss/recovery, motion detection, digital input./output user defined and system status events.
PTZ Panel	Joystick controller, optical zoom in/out, focus in/out.
Instant Playback	Instant playback on Live View Panel and Event List.

Playback

Display Layout	1, 2 and 4
Video Panel	Synchronized playback (1/2/4 CH); audio-in; digital zoom; toggle-stretch mode; snapshot; and disconnect.
Time Track	Instant Playback; video selection and export/burn; print; search by date; current playback time; time track scale; camera name list; bookmark (previous/next); browsing video file (previous/next); basic playback control and rewind/fast forward (1X, 2X, 4X, 8X).

Smart Search

Video Panel	Playback; channel disconnection; digital zoom; toggle-stretch mode; snapshot; and bring search results back to Playback.
Search Condition	Search start/end time; snapshot period; camera events (motion, Di/O, system, and manual record) and IVS (motion detection).
Search Result	Snapshot list; time code of each snapshot.
Time Track	Instant Playback; video selection and export/burn; print; search by date. Current

playback time; time track scale; camera name list; bookmark (previous/next); select video file (previous/next); basic playback control and rewind/fast forward (1X, 2X, 4X, 8X.)

eMap

Map Side Panel	Add/delete maps; add/delete map links and channels on map; channel setup.
Event List	Alerts of network loss/recovery, motion detection, digital input/output, user defined and system status events. Playback pop-up window or trigger live view on map.
Map Display Panel	Multiple live view and context menu on map; event indicator; map switch.
Map Tool Bar	Select maps, zoom in/out the map, pan and tilt on the map.

Event

Event Tool Bar	Image thumbnail on/off, image size selection,. Clear all listed events, suspend/resume events.
Event List Panel	NVR IP and name; Event ID, channel ID, Event type, time-code, playback pop-up window.

Setup

Server	Information of server port, and component versions.
NVR	Add/delete NVR; sync with NVR; NVR info list; NVR setting.
Group	Add groups; group list; delete and save.
General	Live patrol interval, patrol "All Devices" group, image, time-stamp watermark on/off, save image path setup, export video path setup.
User	Add/Delete/Modify user accounts; user list; user permission and function setup.
License	License Quantity information, offline/online registration.
Log	System logs; user logs; date filter; and export logs.

Sign In

Authentication	Account/password authentication of each connection.
Language	English and Chinese traditional.
Auto sign-in	Remember account, password; and auto sign-in.

Minimum System Requirements

		Channels		
		1-16	17-32	33-64
CMS PC Station	CPU	Intel Core i5-920 2.67 GHz	Intel Core i7-920 2.67 GHz	Intel Core i7-920 2.67 GHz
	RAM	4GB	4GB	8GB
OS		32/64 bit: Windows 7 (Professional), Windows vista, Windows XP, Windows Server 2008 (Enterprise, Standard), Windows Vista		64 bit: Windows 7 (Professional), Windows vista, Windows XP, Windows Server 2008 (Enterprise, Standard), Windows Vista

Order Information

Product	Model No	Part No
Central Management System (iCMS)	iCMSX-0	iCMSX-0