



DIGIEVER

Reliable Integrated IP Surveillance Solutions



DIGIEVER CMS

CMS-Client : Central Management Software
CMS-Matrix : Video Wall Software

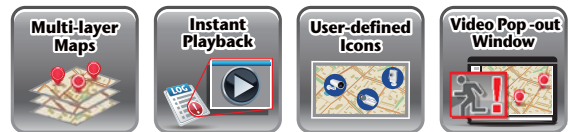
Intuitive Liveview Monitoring

- Manage up to 1024 IP cameras
- Monitor up to 64 channels per page
- User-defined display mode
- Stream optimization to save bandwidth
- Camera image rotation for corridor mode
- Camera group management for quick access
- Event notification:
highlight video window, event log history, instant playback



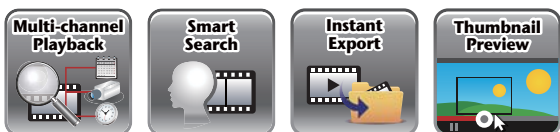
Quick Navigation with Dynamic E-maps

- Multi-layer map tree
- Instant playback on event panel
- Numerous detection of camera digital input, camera motion, and NVR digital input
- Diverse notifications via video pop-out window, blinking map icon on map and map tree



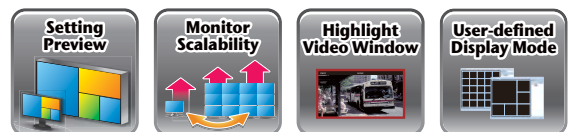
Multi-channel Playback and Smart Search

- 16-channel simultaneous playback
- Smart search to quickly find and play key video
- Export file with portable NVRPlayer
- Instant export to export videos while playback videos
- Thumbnail preview on time table
- Zero learning curve due to the same UI with DIGIEVER NVR



Applicable Scalable Video Wall Software

- Ideal for control room monitoring
- User-defined display mode
- Assign different layouts to diverse monitors
- Preview video wall on CMS-Client for remote configuration
- Flexible monitor scalability based on the numbers of display card



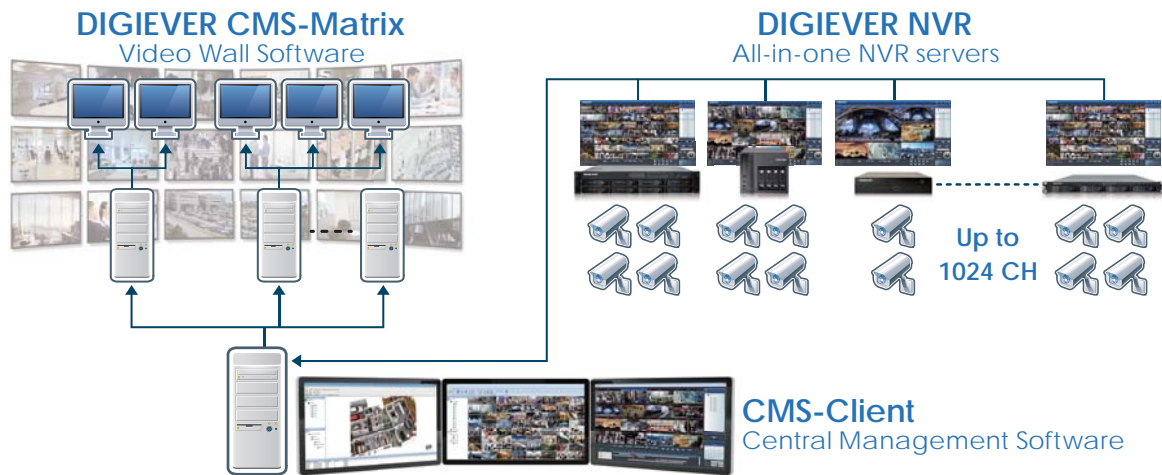
Compatible Network Camera Brands and Partners



Technical Alliance



DIGIEVER CMS Architecture



CMS-Client Software Specifications

Category	Function	Sub-Function / Description
	Maximum Channels	Up to 1,024 channels*
	User Privilege Management	Offer 5 different privilege levels: administrator, power user, user, operator, and guest Create multiple accounts with different privilege levels and device accessibility
	Detail Log Information	Complete coverage of user's operation log, including device management, user privilege management, alarm release, playback, e-map, log in, log out, and so on
	Display Mode	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8, full screen, user-defined
	Liveview Layout Editor	Design any kind of layout freely based on 8x8, 7x7, ..., 2x2 grid layout
	Customizable User Interface	Customize user interface by using drag, move, group, expand, collapse, attach, and detach panels on multiple monitors
	Video Compression Format	H.264 / MPEG-4 / MJPEG (Depending on the connecting camera)
	Image Rotation	0, 90, 180, 270 degree
	Immersion Panomorph	Camera Position: Ceiling, Ground, Wall Display Mode: PTZ, Quad, Parameter
	Image Ratio	Fit mode / Original mode
	Add All Camera	Quickly add all channels from single NVR or all NVR.
	Quick Link to NVR Web Interface	Quickly visit NVR's web interface to do further configuration
	Dual Stream Support	Support streaming optimization, or manually choose Stream 1 or Stream 2
	Stream Optimization	Automatically switch between Stream 1(for high quality) and Stream 2 (for bandwidth-saving) by detecting the current liveview layout**
	Stream from Record	Allow NVR to duplicate its record stream and send to CMS-Client, instead of requesting another stream from camera
Liveview	Tool Panel	Pan, Tilt, Zoom function Show NVR information, including NVR name, IP address, connecting port, MAC address, product number, NVR Firmware version, disk space usage, and system loading. Show IP Camera information, including camera name, IP address, connecting port, video format, resolution, channel number
	Joystick Support	Support any joystick which can be recognized by Windows
	Event Type Support	Camera Motion, Camera Digital Input, Camera Disconnection, NVR Digital Input, NVR Storage Threshold Warning, and NVR HDD Fail Warning
	Event Log History	Provide detail list of event history with highlighted background color before the item is resolved Release alarms from event panel via mouse click
	Event Panel Instant Playback	View playback video from event panel when the event record is received Up to 5 pop-out playback windows at the same time Be able to maximize the pop-out playback window Default playback period: 6 seconds for quick response (via double click) Longer playback period: 30 seconds, 1 minute, 5 minutes for further investigation (via right click menu)
	Event Panel Tools	Event Panel Filter Filter event from specific NVR or camera
	Highlight Video Window	Highlight liveview window in red frame
	Find Devices by Name	Find managed NVRs and cameras by entering keyword
	NVR Reconnection	Reconnect to NVR for the latest information update
	Digital Zoom with Mouse Scroll	Digital zoom in and zoom out
	Device Management	NVR UPnP Search, manually add and delete
	Group Management	Add favorite liveview channel to customized group Configure preferred layout for favorite liveview channel
	Liveview Settings	Show or hide liveview channel name, channel time, and record status Delete all liveview videos
	Show or Hide Panels	Show or hide device panel, tool panel, event panel, and map panel
	General Settings	Multi-language Support Flexible channel license upgrade Three snapshot formats (BMP, JPG, PNG) and snapshot path setting Modify user name and password Modify hotkey settings
	Save/Load Configuration	Speed up the software employment by save and load configuration

Quick Navigation with Dynamic E-maps



Category	Function	Sub-Function / Description	
E-Map	Customizable User Interface	Customize user interface by using drag, move, group, expand, collapse, attach, and detach panels on multiple monitors	
	NVR Reconnection	Reconnect to NVR for the latest information update	
	Quick Link to NVR Web Interface	Quickly visit NVR's Web Interface to do further configuration	
	Video Pop-out Window	Instant notification by a pop-out video window to user	
	Preference for Video Pop-out Window	Option to choose pop-out window duration: 10, 15, 20, 25, 30, 40, 50, 60 seconds Option to choose numbers of pop-out windows: 1 ~ 10	
	Event Types Support	Camera Motion, Camera Digital Input, and NVR Digital Input	
	Instant Event Notification	Event from camera in device panel will start blinking when the event is triggered	
	Change Camera Type	Change camera type on E-Map to easily recognize the type and direction of camera	
	Multi-layer Maps	Build up multi-layer interactive maps to quickly locate trouble zones in a comprehensive overview	
	Event Log History	Provide detail list of event history with latest notification	
	Event Panel Instant Playback	View playback video from event panel when the event record is received Up to 5 pop-out playback windows at the same time Be able to maximize the pop-out playback window to see further detail Default playback period: 6 seconds for quick response (via double click) Longer playback period: 30 seconds, 1 minute, 5 minutes for further investigation (via right click menu)	
	Event Panel Tools	Event Panel Filter	Filter events from specific NVR or camera
	Diverse Image Formats	Upload maps in BMP, GIF, JPEG and PNG formats	
	Easy E-map Manipulation Tool	Freely drag and drop camera to specific location on E-map Zoom in/out with mouse scroll for further map information Double click camera icon to display liveview video	
	Playback	Multi-channel Playback	Maximum 16-channel playback simultaneously
Display mode		Full screen, 1,4,9,16-channel, Original, fit, original for all, fit all	
Search Methods		Search by date, time and recording type	
Recording Type		Normal, event, video clip, recovery, time overlap, and edge recording***	
Playback Control		Play, fast forward, slow motion, audio, frame by frame, rewind, video export, snapshot	
Image Ratio		Fit mode / original mode	
Immersion Panomorph		PTZ, Quad, Perimeter display mode; 3 types of camera position: ceiling, ground, wall	
Smart Search		Five Detection Modes	1. Motion Detection
			2. Foreign Object Detection
			3. Missing Object Detection
			4. Loss Focus
			5. Camera Tampering Detection
User-defined region of interest		Up to 3	
Sensitivity Slide Control		0 to 100	
Search Period Setting		Hours, minutes, seconds	
Export Video	Save exported video to user-defined path		
Snapshot	Save pictures to user-defined path		
Thumbnail Preview	Preview the image of recording file by thumbnail		
Audio	Enable audio / mute		
Digital Zoom	Digital zoom in and zoom out support		
Video Wall Setting	Customizable GUI Workspace	Customize GUI Workspace by drag, move, group, expand, collapse, attach, and detach panels on multiple monitors	
	Monitor Availability	Easily decide whether the monitor is used by video wall or not	
	Monitor Identification	Display number on monitors for identification	
	Set Monitor Liveview Mode	Default mode: one monitor supports one layout Sequence mode: one monitor supports multiple layouts in a sequence	
	Display Mode	1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 7x7, 8x8, full screen, user-defined	
	Highlight Video Window	Highlight liveview video window in red frame	
	Setting Preview	Preview the video wall liveview on CMS-Client	
	Sequence Group	User can define multiple layouts in a sequence group	

* CMS-Client can manage up to 1,024 channels, and support 64 channel liveview simultaneously. For more than 64 channel liveview at the same time, it is suggested to use CMS-Matrix as live view video wall

** Switch to Stream 1 when the liveview layout is less than or equal to 3x3; switch to Stream 2 when more than 3x3

*** Support to selected brand and model of camera



Category	Function	Sub-Function / Description
Multi-Monitor Control	Flexible Monitors Scalability	Depend on available display cards installed on PC
	Monitor Availability	Execute command from CMS-Client to control the availability of monitors
	Monitor Identification	Execute command from CMS-Client to display monitor identification number on screen
	Monitor Liveview Mode	Execute command from CMS-Client to set monitor in either default mode or sequence mode
	Save Current Monitor/Layout Settings	CMS-Matrix will restore to current monitor setting when reconnected to a monitor or be restarted
Liveview Features	Display Mode	Execute command from CMS-Client to show various display mode
	Highlight Video Window	Highlight liveview video window in red frame
	Recording Status	Update recording status on video wall

All designs and specifications are subject to change without prior notice

DIGIEVER CMS Hardware Requirements

PC Requirements for CMS-Client / CMS-Matrix

CPU	Intel® Core i7 or higher
RAM	8 GB or above
Graphic Adapter	DirectX 9 compatible, 1GB memory or above
Network Interface Card	Ethernet, 1Gbit is recommended
Operating System	Microsoft® Windows® 7/8 (32 bit/64bit) is recommended
Number of Monitor Support	Depend on availability at installed graphic adapter
Network Switch	Gigabit network switch is highly recommended
Router (if necessary)	Gigabit router is highly recommended
Network Cable	Category 5e cable (CAT-5e) or Category 6 cable (CAT-6) is highly recommended for Gigabit Ethernet

Authorized Dealer:



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