

Introduction to Wisenet Viewer

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1. What is Wisenet Viewer

All new NVR/DVR viewer

Wisenet Viewer is a new NVR/DVR viewer that focuses on ease of use. Multiple NVR/DVR can be monitored with Wisenet Viewer.

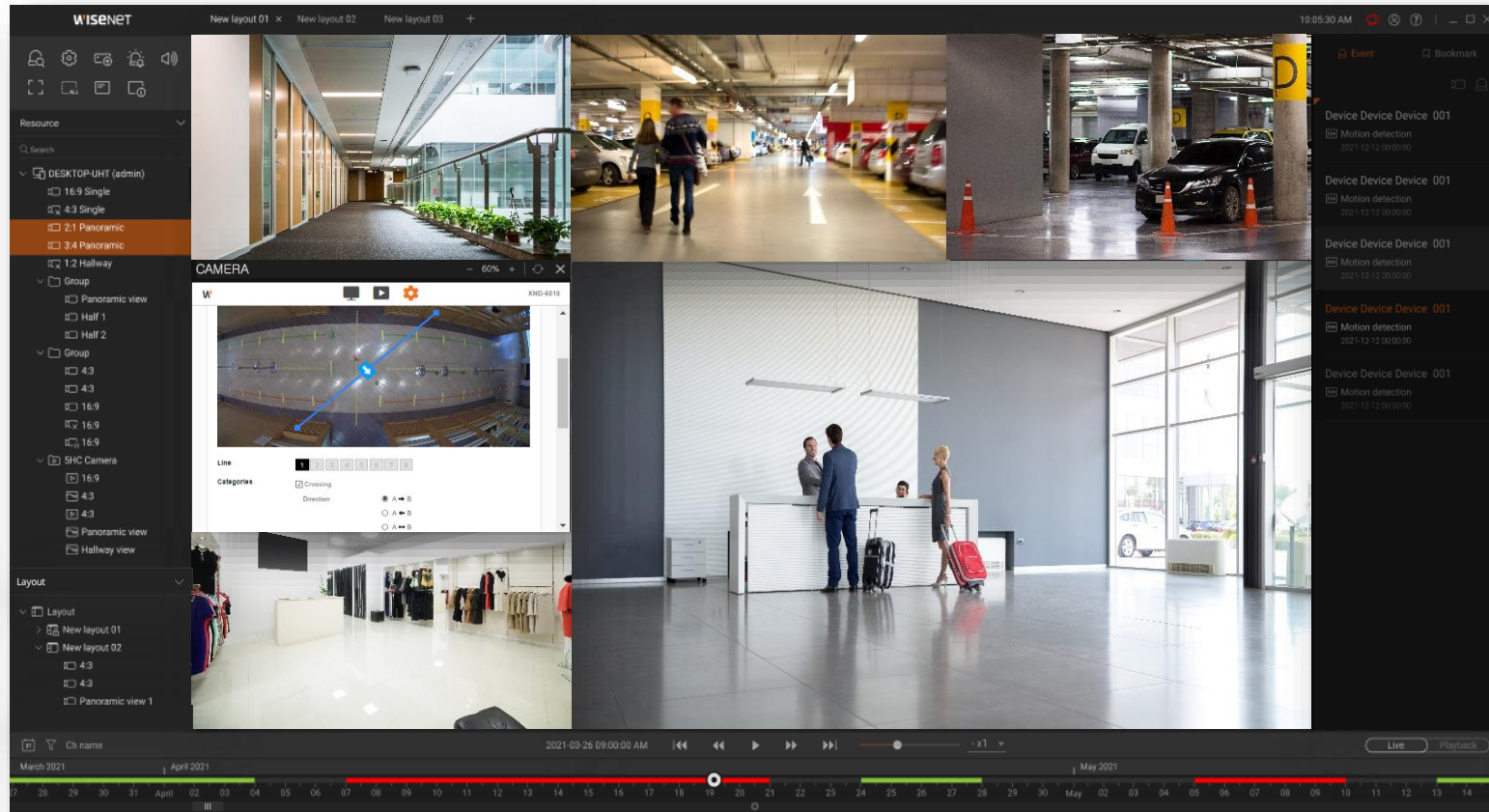


- Easy and intuitive UI
- Flexible channel division and custom layout
- Search and play recorded video
- Multiple application on multiple monitors
- Display web pages (ex. NVR web-viewer)
- Media files play in the layout
- Event trigger and action rule management
- Log search (Event, System and Audit)
- Remote connection (DDNS/P2P*)
- User permission management

* P2P : Standalone NVR must be upgraded to use this function
NVR will be modified in future

2. Key features

Freely, as you want.



Flexible layout and timeline

User can monitor the video at the desired location and size.

Wisenet Viewer supports flexible video control from real-time monitoring to timeline playback.

User can set bookmark on recorded video

Web pages and media files

User can see the web pages and Live monitoring at the same time on the layout. Use the items you want as multi-tab, multi-window on multi-monitor.

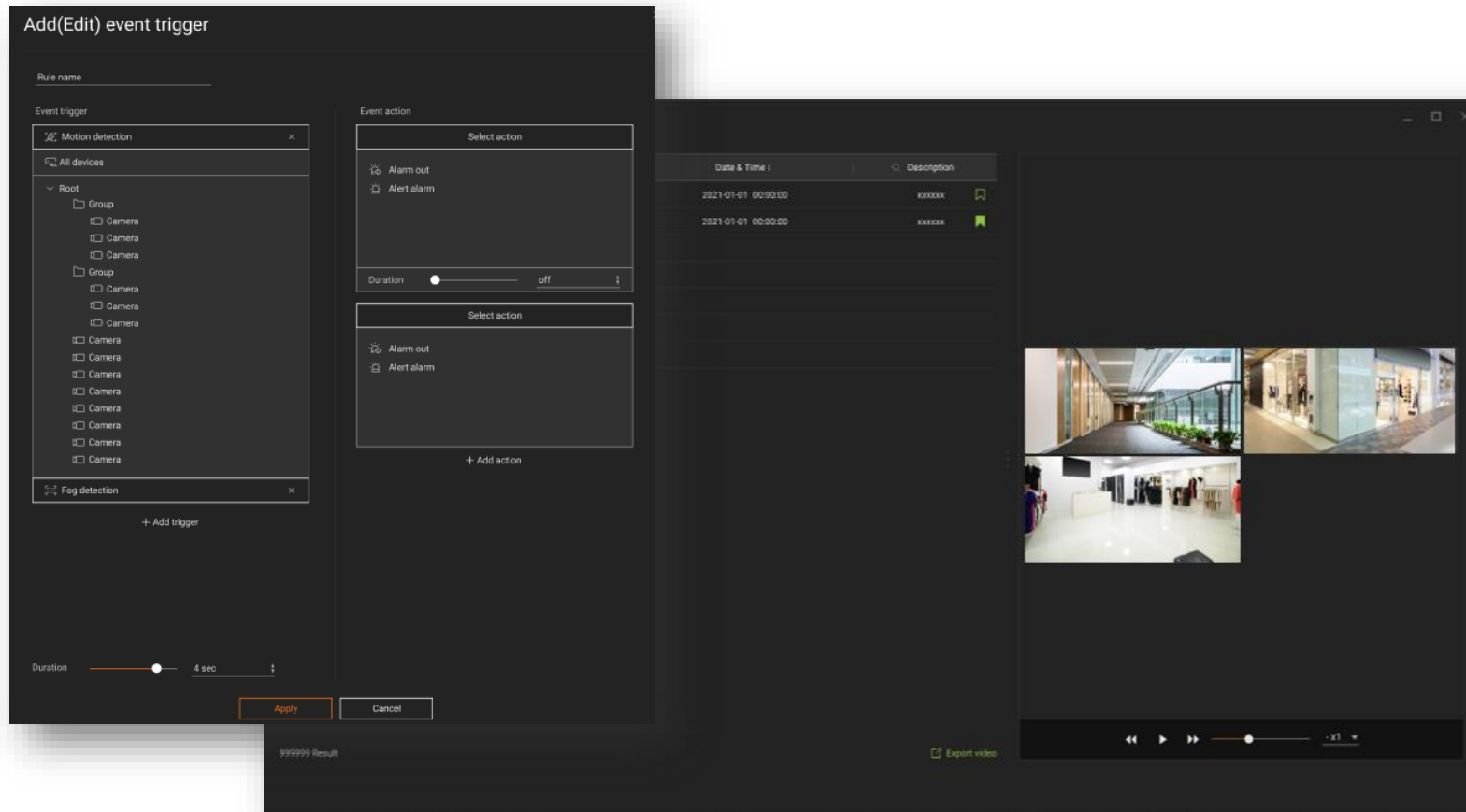
User can play media files(avi, mkv, mp4, wnm*) on the layout

Real-time notification

Wisenet Viewer kindly shows not only real-time events but also system messages.

2. Key features

Quickly, as you want.



Event rule (Event-Action)

You can perform the desired action when the event you want is triggered. Wisenet Viewer helps you to reduce human resource because you don't need to monitor always. (Event action will be added in the future)

Event search

Wisenet Viewer shows events that occurred in real-time. In the midst of indiscriminate events, you can apply a filter to see only the events you want. Also, you can search for the device, time and event you want and check the footage right away.

2. Key features

Securely, as you want.



User permission management

Wisenet Viewer assigns permission to each user group. In addition to features, devices or layouts can be assigned. You can manage user accounts more safely.

Audit log

Wisenet Viewer record device log and user activity as well. You can find out who, when and what did.

3. Specifications (1/4)

General 1/2		
Media	Video streaming protocol	RTP/RTSP (UDP/TCP/HTTP/HTTPS)
	Video format	H.265, H.264, MJPEG
	Video resolution	Depending on the device
	Display	Multiple application on multiple monitors
	Audio format	G.711 u-law (PCM), G.726 (ADPCM), AAC
	Audio control	Audio volume control
Video	Functions	PTZ, Focus, Brightness/Contrast, Crop area, Capture, Show video status
	PTZ control	Pan, Tilt, Zoom, Preset, Focus control, Auto tracking
	Live local recording	Up to 2hours, mkv, wnm(Wisenet media file)
	Video rotation	90°, 180°, 270°
	Aspect ratio	16:9, 4:3, Stretch/Keep aspect ratio
	Change video profile	High/Low settings only
	Video status	Resolution, Framerate, Bitrate, Video format, Profile information, Audio format
Playback	Video control	Start/stop, Pause, Faster/slower forward/backward, Step forward/backward, Skip forward/backward, Keyboard shortcut
	Playback speed	1x, 2x, 4x, 8x, 16x, 32x, 64x, 128x
	Timeline	Event filter, Bookmark
	Export	Up to 24hours, Single/Multi channel export, mkv/wnm(Wisenet media file), Encryption password(wnm format only)
	Search mode	Calendar, Timeline, Event, Bookmark

3. Specifications (2/4)

General 2/2		
Video tile	Tile pattern	Flexible grid(Zoom in/out, Drag), Auto fit, Keyboard shortcut
	Supported type	Channel, Media file, Browser
	Media file	Image : jpeg, png, jpg, bmp
		Video : avi, mkv, mp4, wnm(Wisenet media file)
	Browser	Web page
Event	Layout	Multi-tab, Layout management
	Notification	Device analytics events, Device system events
	Event rule	Combine Event trigger, Event action and duration
	Event Trigger *	Device analytics events, Device system events
	Event Action	Priority alarm, Alarm output
	Device analytics events	Sensor, Video Loss, Motion, Face detection, Defocus, Fog detection, VA(Passing, Intrusion, Entering, Exiting, (Dis)Appear, Loitering), Tempering, Audio detection, Audio Analytics(Scream, Gunshot, Explosion, Glass break), Tracking, Dynamic Event
	Device system events	Power status, Fan status, Recording status, Setting change, System status

* Wisenet viewer supports events that device support only.

3. Specifications (3/4)

Management		
Device	Supported devices	Wisenet NVR / DVR (SUNAPI)
	Maintenance	Viewing the device settings (device webpage), Updating the device firmware, Backup/Restore devices settings, Change devices password
Network protocol		IPv4, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, HTTP, DDNS, HTTPS, SUNAPI, P2P
User		Assign permission/device/layout to user group
Log		Event log, System log, Audit log, Export log data to file (CSV)
System settings		Backup/Restore/Reset Wisenet Viewer settings
Language		Total 23 languages Support English, French, German, Spanish, Italian, Russian, Chinese, Japanese, Korean, Turkish, Polish, Czech, Serbian, Romanian, Portuguese, Dutch, Croatian, Hungarian, Greek, Taiwanese, Danish, Finnish, Norwegian

3. Specifications (4/4)

Performance		
Max channels		Up to 3000 channels (no limitations in s/w)
Max DDNS/P2P channels		Up to 128 channels
Max channels per layout		Up to 64 videos
System requirement		
System requirement	Recommended	CPU: Intel i7 or faster RAM: 16 GB above, Video Memory 1GB above, HDD: Performance SSD, 128GB higher VGA: NVIDIA GeForce GTX 1050 (OpenGL 2.1 support is required) LAN: 1GB NIC recommended Display Resolution : 1366X768 above, OpenGL compatible
	Minimum	CPU: Intel i3 or faster RAM: 4 GB higher HDD: 128GB higher VGA: 512MB higher (OpenGL 2.1 support is required) LAN: 1GB NIC recommended Display Resolution : 1366X768 above, OpenGL compatible
	Operating system	Windows 8.1/10/11 64bit, macOS 11/12

4. Supported device

NVR	
4ch	XRN-420S, XRN-410S, QRN-430S, QRN-420S, QRN-410S, QRN-410, LRN-410S
8ch	XRN-820S, XRN-810S, QRN-820S, QRN-810S, QRN-810, LRN-810S
16ch	XRN-1620SB1, XRN-1620B2, XRN-1610SA, XRN-1610S, XRN-1610A, XRN-1610, QRN-1620S, QRN-1610S, LRN-1610S
32ch	XRN-3210RB2, XRN-3210B4, XRN-3210B2, XRN-2011A, XRN-2011, XRN-2010A, XRN-2010
64ch	PRN-4011, XRN-6410RB2, XRN-6410DB4, XRN-6410B4, XRN-6410B2, XRN-3010A, XRN-3010
AI NVR	PRN-6400DB4, PRN-6400B4, PRN-3200B4, PRN-3200B2, PRN-1600B2, PRN-6405DB4, PRN-6405B4, PRN-3205B4, PRN-3205B2, PRN-1605B2, PRN-6410DB4, PRN-6410B4, PRN-3210B4, PRN-3210B2, PRN-1610B2
DVR	
Pentabrid DVR	HRX-435, HRX-434, HRX-421, HRX-420, HRX-835, HRX-821, HRX-820, HRX-1632, HRX-1621, HRX-1620

