



# **Wisenet Viewer**

NVR/DVR Management Software (v1.04.00)





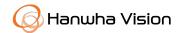






### **Key Features**

- Multiple OS support (Windows, macOS, Ubuntu)
- Easy and intuitive UI
- Flexible channel division and custom layout
- Search and play recorded video
- Timeline thumbnail preview and multi-timeline support
- Al search (Person, Face, Vehicle, LPR)
- Fisheye dewarping
- Multiple applications 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



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### **Specifications**

General		
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, 2-Way audio
	Audio control	Audio volume control
	Decoding	Hardware accelerator(NVIDIA CUVID, Intel Quick Sync)
Video	Functions	PTZ, Fisheye dewarping, Focus, Brightness/Contrast, Croparea, Capture, Show video status
	PTZ control	Pan, Tilt, Zoom, Preset, Focus control, Swing, Group, Tour, Trace
	Live local recording	Up to 2hours, mkv, wnm(Wisenet media file)
	Video rotation	90°, 180°, 270°
	Fisheye	Fisheye view mode(Original, Single, Quad, Panorama), PTZ
	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/Pause, Forward/Backward speed playback, Previous/Next event, Keyboard shortcut, Playback sync/Indivisual playback
	Playback speed	1x, 2x, 4x, 8x, 16x, 32x, 64x, 128x, 256x
	Timeline	Event filter, Bookmark, Thumbnail, Multi timeline(up to 64)
	Export	Up to 24hours, Single/Multi channel export, mkv, wnm(Wisenet media file with standalone player), Encryption password(wnm format only), Digital signature
	Search mode	Calendar, Timeline, Event, Al, Bookmark, Smart search
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), SEC
	Browser	Web page
	Layout	Multi-tab, Layout management, Layout sequence

#### Wisenet Viewer



Notification   Device analytics events. Device system events   Event Trigger			
Event Trigger   Device analytics events. Device system events (Wisanet Wisenet Vision analytics events that device support only.)		Notification	Device analytics events, Device system events
Event Linguer  Event Action Priority alarm, Open the layout, Alarm output, E-mail value analytics events but device support only.)  Event Action Priority alarm, Open the layout, Alarm output, E-mail value analytics (Passing, Intrusion, Entering, Exiting, Appearing, Disappearing, Loitering). Tamparing detection, Face detection, Face detection, Face detection, Audio analytics (Scream, Cambot, Explosion, Crashing), Attaching Video loss Alarm in, Dynamic event provided by the Control of Packet on Packet (Packet on Packet on		Event rule	
Event believe analytics events		Event Trigger	
Device analytics events		Event Action	Priority alarm, Open the layout, Alarm output, E-mail
Management  Supported devices Wisenet NVR / DVR (SUNAPI v2.3.1 or later) Supported controller SPC-2000, SPC-2001  Wewing the device settings (device webpage), Updating the device firmware, Backup/Restore devices settings. Change devices password  Network protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, HTTP, DDNS, HTTPS, SUNAPI, P2P  User Assign permission/device/layout to user group, LDAP  Log Event log, System log Audit log, Export log data to file (CSV) System settings Backup/Restore/Reset Wisenet Viewer settings  Maintenance Software update notification  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  Performance  Max channels Up to 3000 channels (no limitations in s/w)  Max DDNS/P2P channels  Max channels up to 4c channels  System  CPU: Intel i7-11700.2.5GHz or faster RAM: 16 GB above Wideo Memory 1GB above HDD: Performance SSD, 128GB higher (VGS-XIVIDA) T500 (DepenGL 2.1 support is required)  Likk: 1GB Nic Cerommended Display Resolution: 1366x768 above, OpenGL compatible  System requirement  Minimum  Operating system  Vindows 8, 11/0/11 64bit, macOS 11/12/13, Ubuntu	Event	Device analytics events	Entering, Exiting, Appearing, Disappearing, Loitering), Tampering detection, Face detection, Defocus detection, Fog detection, Audio detection, Audio analytics (Scream, Gunshot, Explosion, Crashing), Auto tracking, Video loss,
Supported devices Wisenet NVR / DVR (SUNAPI v2.3.1 or later) Supported controller SPC-2000, SPC-2001  Supported controller SPC-2000, SPC-2001  Maintenance Viewing the device settings (device webpage), Updating the device firmware, Backup/Restore devices settings. Change devices password  Network protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, HTTP, DDNS, HTTPS, SUNAPI, P2P  User Assign permission/device/layout to user group. LDAP  Log Event log, System log, Audit log, Export log data to file (CSV)  System settings Backup/Restore/Reset Wisener Viewer settings  Maintenance Software update notification  Total 23 languages Support English, French, German, Spanish, Italian, Russlan, Chinese, Japanese, Korean, Turkish, Polish, Czech, Serbian, Romanian, Portuguese, Dutch, Croatian, Hungarian, Greek, Taiwanese, Danish, Finnish, Norwegian  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 channels  System  CPU: Intel i7-11700 2.5GHz or faster RAM: 16 GB above, Video Memory 1GB above HDD: Performance SSD. 128GB higher VGA: NINDIA T600 (DpenGL 2.1 support is required) LAN: 1GB NIC recommended  System requirement  Minimum  Minimum  CPU: Intel i3 or faster RAM: 4 GB higher VGA: NINDIA T600 (DpenGL 2.1 support is required) LAN: 1GB NIC recommended Display Resolution: 1366X768 above, OpenGL compatible  CPU: Intel 180 File Tecrommended Display Resolution: 1366X768 above, OpenGL compatible  Openatine sustem  Windows 8.1/10/11 64bit macOS 11/12/13. Ubuntu		Device system events	
Device   Supported controller   SPC-2000. SPC-2001	Management		
Device Maintenance Maintenance Minitenance Minitenance Minitenance Viewing the device settings (device webpage). Updating the device firmware. Backup/Restore devices settings. Change devices password Network protocol  IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, HTTP, DDNS, HTTPS, SUNAPI, P2P User Assign permission/device/layout to user group, LDAP Log Event log, System log, Audit log, Export log data to file (CSV) System settings Backup/Restore/Restor Wisenet Viewer settings Maintenance Software update notification 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  Performance Max channels Up to 3000 channels (no limitations in s/w) Max DDNS/P2P channels Up to 128 channels  Wax channels per layout Up to 44 channels  System  CPU: Intel i7-11700 2.5GHz or faster RAM: 16 GB above, Video Memory 1GB above HDD: Performance SSD, 128GB higher VGA: NVIDIA T600 (OpenGL 2.1 support is required) LAN: 1GB NIC recommended Display Resolution: 1366X768 above, OpenGL Compatible  System requirement Minimum  Operating system  Visit 1981 Nic recommended Display Resolution: 1366X768 above, OpenGL Compatible  CPU: Intel i3 or faster RAM: 4 GB higher VGA: 512MB higher (OpenGL 2.1 support is required) LAN: 16B NIC recommended Display Resolution: 1366X768 above, OpenGL Compatible  CREATING SIMPLE SEAS BERGED STATES		Supported devices	Wisenet NVR / DVR (SUNAPI v2.3.1 or later)
Maintenance Viewing the device settings (device webpage). Updating the device from Eackup/Restore devices settings. Change devices password  Network protocol IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, HTTP, DDNS, HTTPS. SUNAPI, P2P  User Assign permission/device/layout to user group, LDAP  Log Event log, System log, Audit log, Export log data to file (CSV)  System settings Backup/Restore/Reset Wisenet Viewer settings  Maintenance Software update notification  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  Performance  Max channels Up to 3000 channels (no limitations in s/w)  Max DDNS/P2P channels  Max channels Up to 44 channels  System  CPU: Intel i7-11700 2.5GHz or faster RAM: 16 GB above, Video Memory 1GB above HDD: Performence SSD, 128GB higher VGA: NVIDIA T600 (OpenGL 2.1 support is required) LAN: 1GB NIC Commended Display Resolution: 1366X768 above, OpenGL Compatible  System requirement  Minimum CPU: Intel i3 or faster RAM: 4 GB higher VGA: S12MB higher (OpenGL 2.1 support is required) LAN: 1GB NIC recommended Display Resolution: 1366X768 above, OpenGL Compatible  Openating gusters  Windows 8.1/10/11 64bit, macOS 11/12/13, Ubuntu		Supported controller	SPC-2000, SPC-2001
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