

Web Viewer

NAV
SERIES

Navigator Web Viewer

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Basic Specification	
Supported OS	Windows 10&11 Embedded SAC 64bit (Professional 20H2 above), Server 2012R2, 2016
Required software for webpage	Apache, Node.js, PHP, Javascript, JQuery, CSS and HTML
Split screen	4, 9 , 16, 25, 36
Management System	One recording server managed
Video Input	NAV RTSP stream and NAV image snapshot
Video output	JPEG image, Ffmpeg convert to RTSP live stream, Websocket Protocol and JSmpeg output
Group setting	Mainly for NAV users, (supporting up to 20 groups).
NAV Recorder Management	Connect to one NAV server
IP Device Management	Support to manage the cameras configured in NAV
AI Event Search and Playback	Supported
Web browser	Edge 、 Chrome
Interface Language	English, Traditional Chinese, Japanese, Italian
Full screen webpage	Supported
General Setting	
Language	English, Traditional Chinese, Japanese, Italian
Split screen	4, 9 , 16, 25, 36
AI advanced setting	Support to recognize the plate of manufacturer and country. Enable or Disable.
Group WebPage Setting Feature	
Management System	One recording server managed
Numbers of live channel supported	36
Split screen	2x2 、 3x3 、 4x4 、 5x5 、 6x6
Video Input	NAV image snapshot
Video output	JPEG image
Image Update Frequency	2 seconds
Camera WebPage Setting Feature	
Video Input	NAV RTSP video stream
Video output	JPEG image, Ffmpeg convert to RTSP live stream, Websocket Protocol and JSmpeg output
Full screen mode in live and playback	Supported
Playback Timeline	Between 24 hours and 1 minute
Recorded video download	Between 1 minute and 1 hour
Recording calendar	Display the dates with recorded video
Recording event	Camera People/Vehicle/Object Counting, Tripwire, License Plate, POS String
Event playback	Supported
PTZ control	Zoom in/out and pan/tilt supported
PTZ preset naming	Not Supported
Camera basic setting	Supported
Image Snapshot	Supported
live video mute	Supported
Playback pause	Supported

Statistical Chart	
Statistics Chart	36 charts, Google Chart format supported
Chart Name	Set the chart name, default is from Chart01 to Chart36
Chart Type	Bar, Line, Pie, Radar and Column Charts.
Time Interval	Yesterday, One Week, 30 Days, 60 Days and Custom Time Range.
Interval	1 hour, 4 hours, 12 hours, 1 day and 1 week.
Comparison Target	Object, Behavior and Camera
Refresh Rate	1, 5, 15, 20, 30 minutes. This feature is invalid if the time interval is a custom time range.
Object	The limit is 16 types with hundreds of objects available to choose.
Behavior	The limit is 16 types with 32 behaviors available to choose.
Camera	The limit is 16 types, with up to 720 cameras available to choose.
AI Event Search Setting	
Time Interval	Today, Yesterday to Today, One week to today, Custom selection.
Pre-playback seconds	0 - 10 seconds
Event playback seconds	10 to 120 seconds, in 10-second increments
Camera	Cameras that support AI recognition
Behavior	A total of 32 behaviors
Traffic Objects	A total of 20 traffic objects
Color	Red, Orange, Yellow, Green, Blue, Indigo, Violet, Black, White, Light Gray and Dark Gray.
License plate number	Supported
License Plate Background Color	Red, Orange, Yellow, Green, Blue, Indigo, Violet, Black, White, Light Gray and Dark Gray.
Country of License Plate	It can be set if country of license plate recognition is enabled.
Car Manufacturer	Car manufacturer recognition can be set when enabled
AI Event WebPage	
Number of items displayed per page	Up to 24 items
Event snapshot type	JPEG
Video Input	NAV RTSP video stream
Video output	JPEG image 、 Ffmpeg convert to RTSP live stream 、 Websocket Protocol 、 JSmpeg output
MP4 video backup	Supported
Manually update event	Supported
MP4 File Backup WebPage	
Number of items displayed per page	Up to 24 items
Video type	MP4
Video backup	Supported
Video in full screen	Supported
Hardware Minimum Requirement	
CPU requirement	Intel Core I3-8100 or above (Depends on the server hardware and network bandwidth performance)
RAM requirement	8GB or above
GPU Minimum Requirement	Intel HD530 or GTX 1030 or above
Network Interface Card	1GbE recommended or above