What is Surveillance Station?

The Surveillance Station is a professional network surveillance Video Management System (VMS). Being one of the standard Turbo NAS applications, the Surveillance Station can be activated on the QTS App Center to turn the Turbo NAS into a professional Network Video Recorder (NVR) system for real-time monitoring, recording, playback, alarm notifications, Intelligent Video Analytics (IVA), and management to safeguard your assets and property when used with supported IP cameras.

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Live View

Maintaining accessible and reliable live surveillance feeds is essential for properties such as retail stores, hotels, construction sites, offices, and at home. With the Surveillance Station, you can easily manage & monitor multiple IP cameras on a real-time basis through web browsers, and attain the first-hand status of monitored corners, such as building gates, office entrances, or emergency exits, safeguarding your staff and property.

Various remote monitoring modes
The Surveillance Station supports various monitoring modes to display 1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42, and 64 channels on a single screen. Users can also choose to sequentially display each channel or use dual displays to have a wider view.

PTZ (Pan/Tilt/Zoom) control
On the Surveillance Station web interface, you can directly adjust the PTZ (Pan/Tilt/Zoom) functions of supported cameras, greatly enhancing the convenience in remote monitoring of desired corners.

Interactive control buttons
Whenever you move the mouse cursor over a camera channel, the supported function buttons of the camera will show up for quick access. The interactive control buttons will disappear when not in use, helping you watch the IP camera feeds without any distractions.

Instant Playback
On the Live-view page, whenever you want to look back to check suspicious events of a camera channel you just missed, just hit ‘Instant Playback’ button to bring up the window to review recent feeds. While you don’t have to switch to the playback page to do so, you can still have full live views of other channels simultaneously.

Preset positions and auto-cruising
You can set up preset positions and auto-cruising for PTZ cameras to automatically adjust the camera angle to preset positions by the time interval you define. To gain more flexibility, you can click the corresponding number buttons of an IP camera’s preset positions to have an instant view at that position.

Same-screen IP camera configurations
On the Live-view page, you can directly configure IP camera recording schedules when needed without leaving the Live-view page, maintaining a seamless monitoring so you won’t miss any suspicious event.

Visual aid by E-map
The E-map function helps visualize the layout of the deployment of IP cameras enabling you to quickly identify the location of each IP camera, especially when an alarm occurs. Just upload the pictures of the monitoring locations and drag and drop the IP camera icons to the right place on the E-map. Once an alarm event happens, the camera icons will flash to indicate the event type for you to be alerted immediately and take necessary actions.

Cross-platform support
The Surveillance Station works with all major web browsers such as Google Chrome, Mozilla Firefox and Internet Explorer. With QNAP Surveillance Client for Mac, users can also enjoy a similar experience on their Macs.

Instant notifications
When the alarm recording is enabled and an event occurs, an alarm icon will be shown instantly on the monitoring page. The alert details can be viewed by clicking the icon.
Recording

The Surveillance Station provides flexible options to set up IP camera recording, including video format, frame rates, schedules, smart recording, and more.

High quality codec recording
The Surveillance Station supports H.264, MPEG-4, MJPEG, and MxPEG recording, ensuring high-quality recording videos for future playback and reference.

Manual recording
On the Live-view panel, you can click the record button to start recording the live camera feeds and click the stop button whenever you want to finish recording. Manual recording helps you to capture critical moments on a real-time basis.

Scheduled recording
With the intuitive drag-n-drop scheduled recording panel, you are able to define the time to record feeds for each IP camera, allowing you to flexibly set up a suitable recording plan with your existing Turbo NAS storage capacity.

Alarm recording
With alarm recording, the recording will only be triggered when motion detections and camera input events occur. Alarm recording ensures the critical events are properly saved for future use and saves storage capacity usage.

Smart recording
Smart recording intelligently records standard resolution videos in regular recording, and switches to high resolution automatically when alarms are triggered. This greatly saves your cost spent on hard drives and provides you with high resolution video evidence when needed.
Playback

The Surveillance Station provides various ways for you to search and analyze recordings so you can efficiently look up the desired events.

Identify events easily
On the intuitive playback interface, you can easily distinguish regular recording and alarm recording in the timeline bar.

Zoom in to see details
Mega pixel cameras had become mainstream with larger recording zones and higher resolution. By right-clicking the mouse and dragging an area on the screen, that area will be enlarged with a more clear view.

Intelligent Video Analytics (IVA)
IVA is an advanced way to quickly search videos corresponding to particular modes, greatly saving the time & effort of manually screening out matching videos. For example, in search of a missing car in a parking lot, the “missing object” mode can help quickly locate the section in which the car disappears in the video.

Real-time watermarking
In need of exporting videos or snapshots, the concern of authenticity might occur. The support of digital watermarking helps prove that the exported videos and snapshots are genuine without any falsification. The Watermark Proof utility developed by QNAP can verify the credibility of the exported videos and snapshots by showing the exact recording date and time, camera name and the Turbo NAS model name. This is rather useful when the videos could be raised as evidence in a relative investigation or in court.

Preview recordings by thumbnails
You can move the mouse cursor over the timeline to preview the video thumbnails to quickly identify and search the event. No need to play the video from the start and wait long just to find a short video clip.

Playback and speed control by shuttle bar
With the speed control shuttle bar, you are able to fast-forward the video playback by dragging the button to the right and rewind to the left at the speed you like, helping you quickly find the desired screenshots.
Expandable license management
Surveillance Station 5.0 comes with 2 or 4 free IP camera licenses* for Turbo NAS (depending on the model) and you can expand the number of channels to meet your demands by purchasing additional licenses. This provides a flexible and cost-effective way of scaling your surveillance needs.

Flexible camera access control
You can create up to 32 user accounts on the Surveillance Station and flexibly assign them to different user groups with different rights for monitoring, playback, PTZ control, and audio monitoring.

Advanced Event Management
The Surveillance Station allows you to configure 5 types of events, including motion detection, alarm input, connection failure, recording failure, and user-defined events. Every event can be assigned to 7 types of event actions, including recording, PTZ Control, alarm output, email notification, SMS notification, buzzer notification, and user-defined actions, helping you to be alerted immediately.

Choose from over 2,700 IP cameras
The Surveillance Station is compatible with over 2,700 IP camera models of over 90 brands and ONVIF specifications, including those supporting advanced features such as multi-streaming and fisheye-dewarping. The wide range of supported IP cameras provides great flexibility in IP camera selection.

Web-based user interface
The management of IP cameras is all done on the browser. With no additional software required, you save more time for other more important tasks.
Centralized Management System

Manage and monitor up to 128 IP cameras centrally on a single Turbo NAS by connecting multiple Turbo NAS units to minimize management efforts.

Manage large-scale cameras

By connecting multiple Turbo NAS units, you can manage, monitor and play back up to 128 IP cameras managed by the Turbo NAS at the same time from a single unit. This scalability provides greater flexibility for deploying a smaller surveillance system in the beginning and expanding the surveillance scale in the future when needed.
Home Application

As the number of working parents is increasing and traveling overseas becomes more popular, people are spending less time staying at home, leading to a potential risk to home security. To ease people’s worries, QNAP Surveillance Station provides a reliable solution for monitoring & recording live feeds of your home environment when you are at work, on a business trip or traveling overseas. Simply log into the Surveillance Station (or VMobile app on your mobile device) and you can view a real-time video stream of your home and closely monitor if your children or elder members are under good care from your office or anywhere, making sure they are safe & sound, and your property well protected.

Remote monitoring over the Internet allows you to check the live feeds of your home environment anytime, making sure your family and property are safe and well protected when you are away from home.

Benefits

- Ensures the security of your property and family, especially vulnerable children & elders, when you are away from home via 24/7 live monitoring.
- Allows access to the Surveillance Station for live and recording videos anytime simply with PCs, Macs, and mobile devices via the Internet, bringing you peace of mind when you are at work or on vacation.
- Use the VCam mobile app to record any moment around you to the Turbo NAS directly with your mobile device without purchasing expensive IP cameras.
- Get instant notification via email and SMS when critical events occur.

Garage

Living Room

Bedroom

Router
Mobile Apps

VMobile - Anytime anywhere surveillance
The VMobile mobile app enables you to monitor the Surveillance Station anytime and anywhere using iOS and Android devices. It provides camera live-view, PTZ control, instant event notifications, video snapshot, video playback, and video search by date and time.

Vcam - Turn your mobile device into camera
The Vcam mobile app can turn your mobile device into a network camera. With the Vcam mobile app, you could record any moment around you to your Turbo NAS. The Vcam solution provides a great way to deploy a home surveillance system without purchasing expensive IP cameras.

Help me Choose a Turbo NAS
The Turbo NAS comes in a full range of product spectrum from single-bay to 24-bays. Each model offers 2 or 4 free IP camera channels, and can be expanded to 8, 16, 24, 40, or 72 channels depending on models, fulfilling all kinds of surveillance deployment needs.

NAS Selector
QNAP provides an easy-to-use NAS/ NVR Selector to help you choose an ideal Turbo NAS that meets your requirement of storage capacity and bandwidth.

Compatible IP Camera
The Surveillance Station is compatible with over 2,700 IP camera models of over 90 brands and ONVIF specifications. Please check the compatibility of any IP camera models in our compatibility list.

Purchase Camera License
You can expand the number of channels by purchasing additional licenses at the QNAP License Store (http://license.qnap.com/), or you can contact an authorized reseller for further assistance.

More QNAP Products
To learn more about QNAP Turbo NAS products, please visit www.qnap.com.

Helpdesk
If you encounter any problems when using QNAP Turbo NAS products, please contact our helpdesk.

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* If contacting an authorized reseller, please provide the following part numbers for the respective licenses:
  - 1 channel license: LIC-CAM-NAS-1CH, 2 channel license: LIC-CAM-NAS-2CH, 4 channel license: LIC-CAM-NAS-4CH
### QNAP Product Lineup

#### SMB (Middle-end)

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#### SMB (High-end)

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#### Work Group/SOHO (Home-high-end)

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### Notes:

1. The standard system is shipped without hard drives.
2. 2 or 4 free recording channels are only for Surveillance Station 5.0 with QTS 4.1 firmware or higher versions. Windows version of Surveillance Station and QTS provides a minimum of 1 free license.
3. The maximum number of recording channels supported and recording performance are for reference only. The actual recording performance may vary depending on a number of factors such as the IP cameras, video contents, network bandwidth, recording settings and other applications running on the NAS. Please contact our sales office or sales partner for more information on the recommended number of recording channels.
4. The result scales on elevation (Mbps 750-1000).

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**Model Assembly:**
- **QNAP Surveillance Station Guide 2014**
- **QNAP Surveillance Station Guide 2014**

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**Image Reference:**
- Image 1: Page dimensions and model numbers.
- Image 2: Table layout with specifications.
- Image 3: Additional details and notes.

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