

SEARCH FOR VIDEO

AvertX recommends that you search for video through a web browser. This enables Thumbnail Search, Timeline Search, Event Search and other advanced options.

Timeline Search:

Timeline Search allows you to search video visually. This is useful to find events if you don't know when an event occurred, and you need to scan video quickly. It is also useful when you know when an event occurred because you can go directly to that time.

1. On the Menu Bar, click **Search**.
2. Select cameras by clicking on the camera list on the right side.
3. Set the appropriate date and time to start your search on the bottom menu bar.
 - a. Click on the **Date** in the bottom right corner to select date.
 - b. Use **^** and **v** to select time.
4. (Web browser only) Use the **Timebar** to find recorded video to review. Recorded video per channel is indicated by a blue colored bar. Magenta indicates recorded motion. You can move to any point on the Timeline by double clicking or clicking and dragging the bar.
5. (Web browser only) You can view the timebar in larger or smaller increments by clicking the **+** or **-** buttons on the top left corner of the Timebar, or by using the mouse wheel while hovering over the Timebar.
6. Click the **Play Icon** to view video at the time of the event.

Thumbnail Search (Web Browser Only):

Thumbnail Search allows you to see a grid of images that show elapsed time on a particular camera. By clicking an image, you can narrow the elapsed time range and find the desired event very quickly. This is especially useful to find events where there is a noticeable difference in the image before and after the event, such as when an object goes missing or when vandalism occurs.

1. On the Menu Bar, click **Search**.
2. Click **Thumbnail Search** in bottom left corner of window.
3. Select a camera by clicking on the camera list on the right side. Thumbnail Search allows for only one camera displayed at a time.

4. Click on the Date and Time Bar at the bottom of the screen to select a date and time to start your search.
5. Select the number of **Thumbnails**, the **Time Range**, and turn the **OSD** On / Off as desired. Your combination of thumbnail quantity and time range will determine the time interval between each snapshot displayed. For example, 25 thumbnails in a 24 hour time range will result in 1 hour time intervals between displayed pictures.
6. Click on the image thumbnail before the event you're searching for to narrow the time interval and open new thumbnails. When the thumbnail is narrowed to the smallest time interval, clicking again will begin recorded video playback in the Timebar Search Screen.

Event Search (Web Browser Only):

Event Search is ideal for reviewing motion, analytics or sensor events in a filtered, easily consumable format.

1. Under **Date / Time** select the Start, End and Duration.
2. Select **Motion** or **Sensor** in the Event Type dropdown.
3. Check which cameras or sensors to search for events.
4. Click **Apply**.
5. Select an **Event** in the event table to review.
6. Click the **preview image** and the **play icon** to review this video in Timeline Search.

MOTION DETECTION

AvertX cameras are set to register motion as events in the video timeline. By default, the camera's entire field of view will be set to detect motion. You can customize areas of the field of view that will register motion events. To configure motion:

1. On the Menu Bar, click **Setup**, then **Cameras**.
2. Click the desired camera in the Camera List.
3. Click the **Motion** tab.
4. Click **Add Motion Area**, and then click and drag the capture square to create the area.
5. Use **Remove Motion Area** to disable motion detection for specific areas of the video stream.
6. If desired, adjust **Motion Sensitivity** (overall motion detected) and **Noise Sensitivity** (amount of pixilation detected) settings to customize motion detection thresholds.
7. Click **Save** and repeat for additional cameras.

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QUICK START GUIDE

HD IP HIGH DEFINITION NETWORK VIDEO RECORDER

INTELLIGENT CLOUD CONNECTED VIDEO PLATFORM



Default System Login:

Username: admin
Password: 1234

Default Camera POE Network:

192.168.50.x

REMOTE ACCESS WITH AVERTX CONNECT

Access live or recorded video anytime, anywhere on any web browser, Apple TV, or Apple or Android mobile devices using free AvertX Connect apps. AvertX apps are available in the iTunes App Store and the Google Play Store.

- Use the same email address and password to log in to the AvertX cloud, mobile apps, Apple TV viewer, and even the local NVR.
- Save and share video clips securely to the cloud.
- Easily connect to NVRs at multiple locations with the same account.
- Instantly share access to live and recorded video with family, employees or law enforcement.

Once your NVR is connected to the internet, get started with these easy steps:

1. Create an account at connect.avertx.com (if you don't already have one). You will receive an email from AvertX Connect to verify your email address.
2. Log in to AvertX Connect on your NVR.
 - a. Click on **Setup**, then **AvertX Connect**.
 - b. Enter your **Email** and **Password**, or **Registration Code** then click **Connect**.
3. Log in to your AvertX Connect account on a web browser, Apple TV, or the AvertX Connect app on your mobile device.
4. That's it. You may access your recorder from anywhere using a web browser or mobile device.

ENABLING EMAIL AND PUSH NOTIFICATIONS

Email Alerts and Push Notifications for motion, sensor and health alerts are set through the ProConnect NVR and sent to the AvertX Connect cloud gateway for delivery. For Push Notifications, you will also need the AvertX Connect Mobile app.

After logging in to AvertX Connect from Setup:

- a. Select **Send Health Events** to AvertX Connect to enable motion alert.
- b. Select **Send Event Images** to AvertX Connect to receive an image with the alert. Deselecting this option reduces the amount of data sent if your network has bandwidth limitations.

REMOTE USE

Your NVR is optimized for remote use. You can access all functions and settings remotely through a web browser, enabling you to place your NVR wherever it is secure and convenient without the need to be connected to a monitor.

Connecting to your NVR with a web browser will provide the most powerful and feature-rich experience.

Additional features of web browser interface:

- Digital Zoom
- PTZ (Pan, Tilt, Zoom) Controls
- Thumbnail Search
- Timeline Search
- Event Search

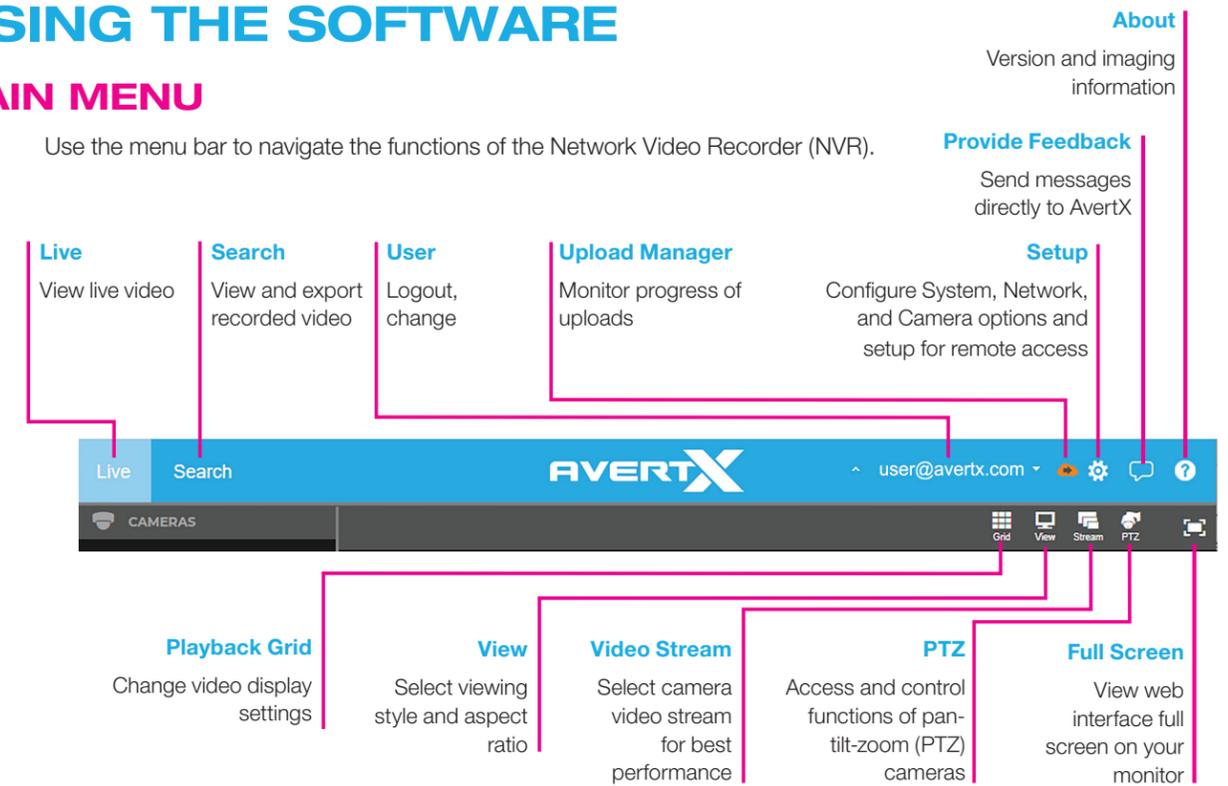
AvertX Connect Apps:

Your AvertX Cloud-Connected NVR is compatible with **AvertX Connect** Apps. **Search for AvertX Connect** in the iTunes App Store or the Google Play Store. AvertX Cloud-Connected NVRs are not compatible with other AvertX Apps.

USING THE SOFTWARE

MAIN MENU

Use the menu bar to navigate the functions of the Network Video Recorder (NVR).



ADDING CAMERAS

AvertX software makes it easy to add and configure IP cameras. Your PoE recorder will automatically detect and add AvertX IP cameras connected to the on-board PoE switch.

Third party cameras may need to be configured using a third party program before being added. AvertX software automatically detects ONVIF Profile S compliant cameras set to DHCP. Cameras not meeting these requirements must be configured manually.

1. For automatically detected cameras, select the camera(s) using the check boxes and then type the appropriate **Username** and **Password**.
2. Click **Add**.

TO FOCUS YOUR CAMERAS

If the picture from your camera looks blurry, it may need to be focused. If your camera is equipped with an autofocus zoom lens, it will focus when you activate the zoom functions.

1. In **Live** view, right click on the camera tile that you would like to focus. The right click menu will appear.
2. Click **Zoom In**. The camera lens will zoom in a little bit and then find its focus.
3. If you would like the original wider view of the camera, click **Zoom In**. The camera lens will zoom out a little bit and then find its focus.

On mobile app:

1. In **Live** view, select the camera that you would like to focus.
2. Tap the **PTZ** icon at the bottom of the screen.
3. **Pinch out** on the video image to zoom. The camera lens will zoom in a little bit and then find its focus. If you would like the original wider view of the camera, pinch in.

If the camera is still blurry or is not focused on what you would like, repeat the zoom in / zoom out process.

About this Guide

This guide is a quick reference for users to install and operate video surveillance systems. It provides only basic information regarding the network NVRs and cameras. For further details on installation and operation, please refer to the User Manual available at avertx.com/downloads.

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VIDEO SURVEILLANCE SYSTEM

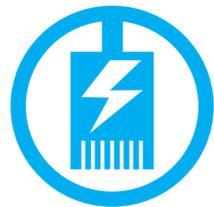
START HERE

- 1 Remove your NVR and cameras from their packaging.**
- 2 Select a location for your NVR with adequate air circulation.**
Allow at least 3 inches of air space between system fans and wall.
- 3 Connect a monitor to your ProConnect recorder using the provided HDMI® cable.**
- 4 Connect the included mouse and keyboard to the USB port on the front or back of the NVR.**
- 5 Attach the power cord to the port on the back of the NVR and plug into a standard household outlet.**
- 6 Connect your ProConnect recorder to the internet using the provided ethernet cable.**



What Are My Remote Viewing Options?

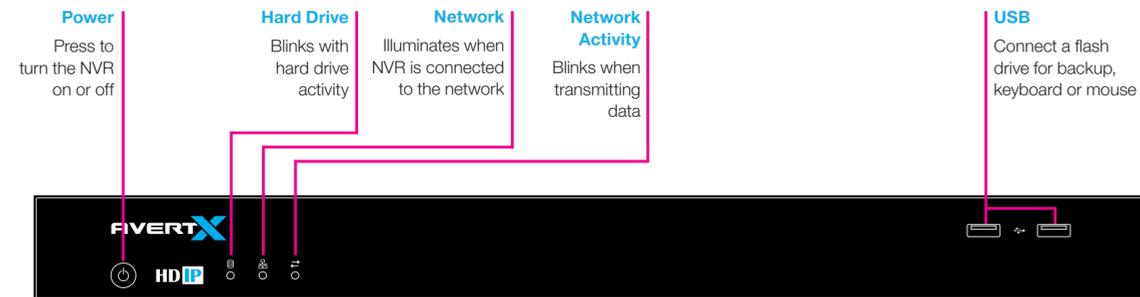
A robust Web Client delivers full control of your system in most web browsers. Mobile applications for iOS and Android phones and tablets are available for viewing video while you are on the move and an Apple TV app is available for home monitoring.



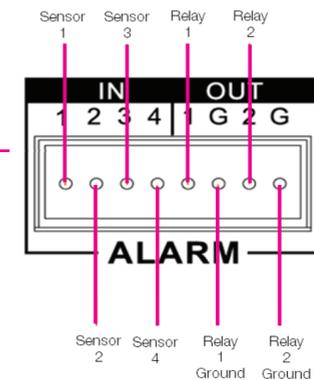
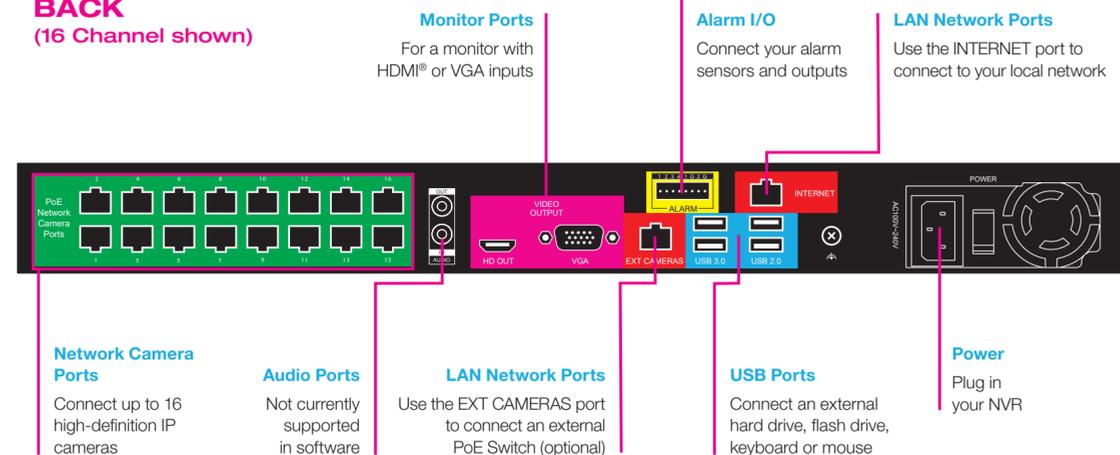
Power Over Ethernet

The AvertX IP cameras included with this system use Power over Ethernet (PoE). Both power and video are transmitted over a single cable, simplifying installation and helping you start using your system faster.

FRONT



BACK (16 Channel shown)



- 7 Log into the recorder using the default credentials:**
Username: admin
Password: 1234
- 8 Follow the First Time Wizard to complete basic setup of your system.**
- 9 Create an AvertX Connect account.**
Go to connect.avertx.com and create a user account if you haven't already. You will receive an email from AvertX Connect to verify your account.
- 10 Enter your AvertX Connect account info on your NVR.**
Enter your AvertX Connect account info on your NVR by navigating to **Setup > Connection Settings > AvertX Connect**.
- 11 Connect remote viewing devices**
Go to connect.avertx.com to view and search on a web browser. Download the AvertX Connect apps on your Apple TV, Apple or Android phone or tablet to view video. You can see your video anywhere you have internet access!
- 12 Success! Familiarize yourself with your new system.**
Explore menus and settings to discover how to get the most out of your system.

Need assistance? Call the AvertX ProTeam for help from a trained professional!

1-855-228-3789