

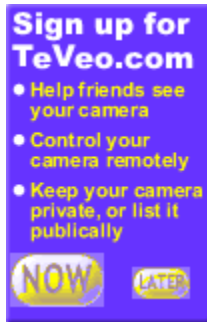
What is teveo.com?

Teveo.com is an Internet web site that allows you to show video from your camera to any audience you choose. With teveo.com, you may set password controls for a [private](#) camera, or list your camera with the [teveo.com directory of public cameras](#). Guests can easily view your camera online by going to the teveo.com website and entering your camera name and (optional) password.

Get more use out of your digital camera

Maximize your PC camera's potential by [registering it with teveo.com](http://teveo.com)! Registering your camera allows you to watch your house while travelling, see your family while you are away, or share a view with friends, family, or the entire world. Best of all, registering your camera is fast, easy, and free!

Registering your camera



Registering a camera with teveo.com is simple.

1. First, establish an active [Internet connection](#). Then go to the TeVeo Live folder on your computer and double-click the TeVeo Live icon to start the program.
2. Click the register NOW button on the TeVeo Live program screen.
3. Follow the instructions on the screen, confirming your name and email address, and selecting a camera name and owner password.
4. Decide if your camera will be [public or private](#)
5. (Private cameras only) Choose a guest password.



Trim Clip

This control enables you to [review and edit previously recorded clips and still pictures](#). Display these images over the Internet with the Jukebox feature




Jukebox

Use the [jukebox](#) feature to create and display a customized playlist of clips and still images.

Taking a snapshot



This button allows you to select and display a still “snapshot”, rather than a moving video image. When you click **Snapshot**, a dialog box will open and ask you to name the new image file. Enter a name for your snapshot, then click **Save** to save the snapshot as a separate file, or select Print  to send the selected snapshot image to your printer. To switch back to live video after taking a snapshot, click the **Go Live** button.

Printing a still image



Click the snapshot button to select a still image, then click the print button to send the selected snapshot image to your printer.

Livecast viewer



View your registered camera as others do. Click on these words anytime and see the guest view of your camera.

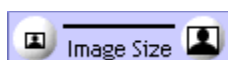
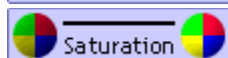
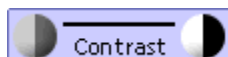
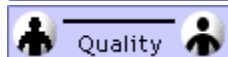
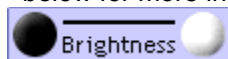
Changing the Online Profile



If you have an [active Internet connection](#), you can review or change your owner and guest [password settings](#), or alter your camera's public/private status.

Camera Controls

Camera controls help you adjust the picture coming from your camera. Click on any of the images below for more information



[Advanced controls](#)

Guest viewer icon



This image will appear on your program screen to notify you when a guest viewer is watching images from your camera. Hover your mouse over the image to see how many viewers are currently watching.

Overview of the TeVeo Live program window

Click on any part of the image for more information on that feature.



Displaying and recording live video



Click the Live button to Livecast video from your registered camera to teveo.com.

Play video



Click the Play button to send live video from a registered camera to teveo.com. You can see your video in the display as it is being Livecast.

Pause video



Click this button to pause the live video. Guest viewers will then see the last “frozen” still image. Use this feature when you wish to temporarily stop the live video going to the Internet, without turning off all images or exiting the program. To restart live video, click the button once more.

Stop live video



This button stops all live video from your camera to the Internet. Guest viewers will see the message “Back in a few minutes...” You can [edit the stop message](#) by opening the TeVeo Live program folder, and clicking on the Message Edit icon. Type your message into the new message dialog box, then click Save.

Record new clip



Click the record button to create a video clip you can save for later use. Use the pause/play button to pause and restart recording as you make your clip. When you are done recording, click the stop button. A dialog box will open and ask you to name your new video clip. Enter a name, and then click Save.

Free Diskspace Graph: This graph shows you the amount of free disk space (green) left on your hard drive (red). Watch the free disk space graph as you record longer video clips, to ensure that you have enough disk space to save your new clip.

Clip Duration/File Size: The duration and current file size of the recording clip is displayed beside the pause/play button.

Snapshot



The snapshot button enables you to save or print a single still image from live video or a video clip. When you click the snapshot button, a dialog box will open and ask you if you want to print or save the new picture. Select Print to send the image directly to your printer, or select Save and then enter a filename for the picture. You may add snapshot images to your jukebox playlist.


Viewing clips and pictures


You can use the Trim clip mode to review, [trim](#), and save [clips](#) and [still images](#). Click on the **Trim** button to bring up an Open File dialog box. Select the clip or picture you wish to view, or browse through your system to find the image file you want. Click **Open** to view the image.

If at any time you wish to exit the viewer, click on the **Go Live** button to return to the live video display screen.

Working with clips


Once you have selected a clip, you can use the TeVeo Live tools to watch the clip, trim it, or create a new still image.

The **Play** button  starts a video clip. Use this button to view whole clips, or to review a clip after editing. The **Pause** button

 halts the video, freezing a single image. You can use the snapshot button to print or save this image as a separate file, and display it over the Internet in Jukebox mode.

If you are only interested in part of a clip, you may not want to view it from the very beginning. To start viewing a clip somewhere in the middle, click and drag the green arrow along the scrolling play bar before clicking the play button.


The trim feature lets you define and save just part of a clip by creating new beginning and endpoints. Click and drag the **start trim** slider to the beginning of a segment, then drag the **end trim** slider to the

spot where you wish the segment to end. To save the new clip, click “save trimmed area.”  A dialog box will open and ask you to name the new file.

Working with still images

Click on the **Trim** button. An Open File dialog box will open. Select the file you wish to view, then click **Open**. When you are done viewing a still image, click on the **Live** button to return to live video.


TeVeo Live also lets you create still pictures from video clips.


1. Click on the **Trim** button, select a video clip, then click **Open**.
2. Use the Play button to begin playing the clip.
3. Clicking the **Pause** button while a clip is running allows you to stop the clip and view a single still image. For more precise selection of a still image from a video clip, use the **Back one step** and **Forward one step** buttons.
4. Once you have identified a single image you want to save, you can click “**Snapshot**”  to save the picture as a file, or send the picture to a printer. You can later add the file to the jukebox playlist, and display it over the Internet.

Displaying video with the jukebox

The jukebox feature allows you to display a customized playlist of clips and still images over the Internet.

Create and edit a playlist

To create a new playlist, or to add files to an existing one, click the **Add file**  button. An Open File dialog box will open. Select the file you wish to add, then click **Open**. The file will be added to the end of the playlist.

To change the order in which the files are displayed, click on a file name then drag it up or down to a new position in the playlist. You can also remove a file from your jukebox by clicking on the file name in the jukebox playlist, then clicking the **Remove file**  button.

Show stills


The jukebox will display still images for a default time of five seconds. To change the amount of time still pictures are displayed, go to the “Show stills for this many seconds” control window, and click on the up or down arrows to increase or decrease the time.


Loop list in random order

Click on this checkbox to play the list in random order. (The jukebox always plays in the order shown on the playlist, unless this box is checked.)

Start your jukebox web show

Click this button to send jukebox clips and pictures over the Internet. Once the jukebox is playing, the

Start web show  button turns into a pause button. Clicking the pause button

 halts the jukebox. A paused jukebox will continue to display a still image from the last file on the Internet.

Advanced controls



Some camera models offer other controls available from the camera manufacturer. Click on the Advanced tab to access these controls. (The available manufacturer controls vary widely between camera brands. Refer to your camera owner's manual for further information.)

Change Port #

You may wish to select a different port if you have another web server on your computer, are trying to stream video through a firewall or proxy server, or are having problems with port #80 (the TeVeo Live default port).

Bypass teveo.com

Check this box if you wish to establish an Internet or LAN connection without connecting to teveo.com. (By bypassing teveo.com you will not receive any of the benefits of registering your camera.)

brightness

This slider bar controls the brightness of the picture from the camera. Click and drag this slider to the left or right to darken or lighten the picture.

Quality

Raising video quality will make the picture more clear, but will slow down the motion. Lowering video quality produces a fuzzier picture, but smoother motion

Contrast

The contrast slider bar controls difference between the light and dark areas of the picture. Click and drag this slider to the right to increase the contrast or to the left to reduce the contrast.

Saturation

This slider bar controls color saturation. (High saturation colors are very strong and pure. Low saturation colors are duller, and have more gray in them.) Click and drag the slider to the right to raise color saturation. Click and drag the slider to the left to lower the saturation.

Size


Different camera models may support different video screen sizes. To change the video screen size, click on the size control and select one of the image sizes available from your camera manufacturer.

Public and private cameras

A **private camera** is protected by a password set by the camera owner. No one can see images from a private camera through teveo.com without first entering the correct guest password. Camera owners can update their passwords at any time for added security.

A **public camera** can be viewed by anyone who either knows the camera name or looks up the camera in the teveo.com directory of public cameras. Because these cameras have no password controls, camera owners who list their public camera in the teveo.com camera directory must agree not to show content unsuitable for minors. Any camera owner found to be in violation of this agreement may have their camera removed from the public camera directory.

Adding your public camera to the directory

You may select a category for your public camera by clicking the  button on the TeVeo Live camera screen. All the available camera directory categories are displayed on the online profile status screen. Select the category that most accurately identifies your camera, then click the **Update** button to save your new settings. Public cameras may change their directory category at any time.

Note: To access web settings directly from the program screen you must establish an active Internet connection before opening the TeVeo Live program.


Setting or changing passwords and privacy controls

TeVeo Live password and privacy controls ensure that only the audience you select can view your camera. There are two types of passwords: Owner passwords and Guest passwords.

Owner passwords are set by all camera owners when they first register their cameras with teveo.com. This password assures camera owners that no one else will have access to their camera controls.

Guest passwords are set by private camera owners when they first register their camera, or anytime the status of a camera is changed from public to private. Guest passwords allow guests to see a private camera without giving them access to the camera controls.



Click the  button on your camera screen to instantly connect to the teveo.com Web Settings page. From this page, you may:


- Change the [public/private](#) status of your camera
- Change guest passwords (for private cameras)
- Change camera directory categories (for public cameras)
- Choose whether or not you wish to accept email from viewers (for public cameras)

To change a password, simply type in the new password where the current owner's password or guest password is displayed. Click **Update** at the bottom of the Web Controls window to save your new settings.

forgotten passwords

TeVeo will email your owner password to the email address entered on your camera registry. To request an email reminder of your owner password, go to the teveo.com website and access the Members section by clicking the word “Members” on the menu bar at the top of the page. Enter your camera name, and select “Forgotten Password” from the menu of options.

Viewing your own camera

To view images from your own camera as others would, click the **Livecast**  button on your camera screen to connect to your camera's teveo.com guest view page.

Guest Viewers

Guests can quickly and easily [view your camera](#) in three simple steps.

- Go to the teveo.com website
- Enter your camera name (and guest password, for a private camera) in the entry blanks in the upper left corner of the screen.
- Click the “Go” button

Camera reliability

TeVeo Live supports any camera that has a WDM (Windows Driver Model) capture driver. In many cases it can also support a camera that uses the older VfW (Video for Windows) standard. If both types of drivers (WDM and VfW) drivers are available for your particular camera, TeVeo highly recommends using the WDM drivers. These are often available from your camera manufacturer's website.

Highest Camera Reliability:

- Philips (all USB web cams)
- Kensington (all USB web cams)
- Intel PC Camera
- [IBM](#) cameras
- Nogatech USB A/D converter (with any VHS camera)
- Belkin USB A/D converter
- TNC Taiwan USB Camera
- Kodak DVC325
- LifeView FlyCam/RoboCam USB
- Logitech QuickCam USB Cameras

Medium or Low Camera Reliability:

- Video Blaster WebCam 3
- Aiptek HyperVCam (with EZonics drivers)

Does not work with TeVeo Live:

- AverMedia InterCam-USB
- Ezonics EZCam USB and EZCam Pro

Camera does not display video

To solve problems of this nature, start by checking the manufacturer's software to see if video displays correctly. Run any of the sample applications that shipped with your camera to see if video is visible. If not, then the camera or manufacturer's software may not be functioning, or there may be compatibility problems between your machine and that camera.

Make sure that no other applications are currently using the camera. Close all the native camera applications (software that ships with the camera) before starting TeVeo Live.

If you have been able to see video previously, but now there is no image in the TeVeo Live window, it may be necessary to reboot your machine to clear the camera's software drivers.

Check the camera controls screen (Click the 'Controls' button in TeVeo Live) and make sure the camera's brightness is not set to 0. On the same controls screen, try changing to different picture sizes (TeVeo has noticed that some camera manufacturers provide a list of picture sizes they support, though the camera does not display accurately for each entry on their list).

For more help, contact QAFeedback@TeVeo.com and attach the 'Startup.log' file that will be in the directory where you installed TeVeo Live. For expert users, you can read the text in Startup.log and look for messages indicating a more detailed description of your startup problems.

Web site links do not work

TeVeo Live will attempt to connect you to www.teveo.com if you click the TeVeo logo, the 'Register Now' button, the 'My Web Video' button or the 'My Online Profile' button. Make sure your Internet connection is active on your machine. If not, you must close TeVeo Live, start your Internet browser (or dial in), then restart TeVeo Live

Camera not found message appears

Several things may cause this error. The first is related to multiple (different manufacturer) cameras installed on the same machine. Occasionally the incorrect driver is selected for a camera so that no video will display. It will be necessary for you to validate that this is the problem by running the software that came with the camera and checking that video is behaving normally in its own environment. It may be necessary to uninstall the drivers for the extraneous camera. Rebooting the computer may be helpful, especially if a lot of other software is currently running on your machine. USB hubs or USB cable extenders also prevent certain cameras from behaving correctly.

TeVeo Live crashes on startup

This problem will occur if your system has 2 ethernet cards, or has both a modem and a network connection active. You need ensure that the live connection is the one selected by TeVeo Live. If you have both a network and a modem, you must disconnect yourself from your network (unplug the cable) and reboot your machine in order to use the modem. If you have dual cards, you need put your mouse over the 'My Computer' icon on your desktop, right-click the mouse, select Properties, then select Device Manager. Click on the '+' sign next to Network adapters, and under 'General', select the Ethernet adapter card that is not plugged into your Network, select the Properties option, check the box at the bottom of the screen under Device usage/Disable in this hardware profile, then select OK.

IBM cameras lock up

This is a known problem with some cameras on some machines. The company that manufactures the IBM camera, Xirlink, recommends trying to run the camera without audio and overlay. To do this, open the IBM camera software pages (you can access these via TeVeo Live in the controls panel --click the 'Advanced' button). Go to Camera Options>Video Format and uncheck 'Enable Overlay', then go to Camera Options>Capture Control and uncheck 'Enable Audio'.

Nogatech device does not display video correctly

Nogatech is one of several companies that supplies an older, VfW (Video for Windows) software driver for its device as well as a newer WDM (Windows Driver Model) set. If you have an older Nogatech device, you should download and install the newer WDM drivers from www.nogatech.com. The Windows 2000 driver for the Nogatech device seems to show the best performance.

VideoBlaster WebCams

Video Blaster WebCams can hang after running for over an hour. Video Blaster tech support recommends a patch to their driver. It can be downloaded from <http://support.soundblaster.com/files/download.asp>.

According to their tech support, that camera is not meant to be left up and running for long periods of time.

Disconnecting the camera

Disconnecting the camera manually from the USB port while TeVeo Live is running causes a failure. This is a known error. It may be necessary to reboot your machine in order to successfully restart TeVeo Live.

Stop screen image

When the user stops the camera by clicking the 'Stop' button, an image appears that says 'Back in a few minutes'. This image is called 'TimeoutPicture.jpg' and is in the application directory. You can edit this picture to be anything you want, as long as the format (JPG) and name remain the same.

TeVeo website tips

There are two ways to access public cameras on www.teveo.com: Click the 'Cameras' tab at the top of the screen, or scroll down the main web site page and select one of the categories. If you can't find the camera you are looking for (and you know it's active) perhaps the camera has been registered as a 'private' camera. In this case, you'll need to know the camera's name and the guest password to access the view. You enter these in the blanks at the upper left of the web site.

If you are broadcasting from a home network, make sure that VPN (virtual private network) is disabled. Additionally, some older browsers that do not support Java may not behave correctly.

Advanced users

TeVeo Live relies on an initialization file called "TeVeoLive.ini" which is created in your windows directory. There are two advanced features which can be modified. TeVeo recommends against trying to edit this file without care:

The 'DropFrames' parameter is used to control frame dropping. If it is greater than one, it indicates that some of the frames received from the capture driver should be dropped and neither displayed nor sent to the a web page. The numeric value indicates the cycle length. There is only one frame displayed for each cycle. (e.g., 2=drop every other frame; 3=drop every 2 of 3 frames; 4=drop every 3 of 4 frames, etc.) The parameter can be useful in cases where the camera is too fast for the CPU. It may also be useful in handling problems with older VFW drivers.

If non-zero, the 'MaxBitRate' parameter limits the bandwidth of each video stream. The number is expressed in kilobits per second (kbps). This can be useful in limiting bandwidth consumption on a network. It might also potentially help solve certain problems with slow machines on a fast network.


Make sure that the driver listed in the .ini file is the expected driver for the camera you are using. If its not, you can delete that line and try starting TeVeo Live again. TeVeo Live will search for a 'correct' driver and re-add the line to the file. Note that some camera drivers have been known to get 'selected' by a camera device that doesn't match! You may have to delete the offending driver from your machine.

Internet connections

In order to take advantage of the web features of TeVeo Live, your Internet connection must be active *before* starting the TeVeo Live program. For home users, this means you have to dial in to your Internet service provider or have DSL or cable modem service. TeVeo Live will run without an Internet connection, but web features will not be active until your computer is online.


Toolbar information

The TeVeo Live toolbar has five icons:


 Camera status information: Clicking on this icon opens a camera status window with the following information:


Camera name	History (past viewers)
Camera I.P. address	Clip Frame
Camera driver	Clip Date
Current Viewers	Clip Size

Reset the History counter by clicking the “Clear Counter” button. When you are done viewing status information, click “Done” to return to the TeVeo Live program screen.

 Play sound when people watch: Check this box and an audio alert will signal when someone is watching

 Help: View and search TeVeo Live online help topics.

 Minimize: Shrink the size of the program screen.

 Exit: Close the program screen and exit TeVeo Live.

