

USB-Live2

Quick Installation Guide for Windows

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1. Package Contents

- USB-Live2 video capture device
- WinTV v8 Download Document with Serial Number*
- or -
- WinTV Installation CD ROM with Serial Number* on the sleeve



For the exact contents please refer to the packaging description on the box.

* Please keep the serial number in a safe place. It will be required for future installations.

2. How the USB-Live2 works

USB-Live2 is a Windows video capture device. It can be used for digitizing and compressing video from video cameras, video tape recorders and other devices which create analog video signals.

Two applications are available for USB-Live2:

- WinTV v8, which is used for displaying live video on your PC screen and to create video recordings,
- Hauppauge Capture, which is used for displaying live video, record video, perform simple video cuts, and upload videos to YouTube

When recording live video with the WinTV v8 application, USB-Live2 creates a .TS (transport stream) file. Using options in the WinTV v8 application, you can also create .MPEG files.

With Hauppauge Capture you can record your video, perform simple cuts and can then directly upload your video to YouTube.

USB-Live2 is based on a Windows WDM capture driver, which is compatible with most video applications which use WDM capture devices.

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3. Installing the USB-Live2 device

Locate a free USB 2.0 or 3.0 port (normally located at the side or back on the laptop or desktop PC). Plug USB-Live2 into the USB port.

Note: We do not recommend connecting via a USB Hub.

Indicator LEDs

The blue LED will be lit when USB-Live2 has been activated by Windows.
The green LED will be lit in addition if a video signal is detected.

4. Connecting an A/V source

- Plug the A/V input cable into the connector on the side of the USB-Live2 (see picture below). The A/V connector can be removed from USB-Live2 by pressing the 'Push' button.
- Connect the video signal of your video source to the yellow RCA plug or the black S-Video plug on the A/V input cable.
- Connect the audio signal to the red and white RCA plugs.



Connectors on the A/V input cable

RCA yellow:	Composite Video Input
RCA red:	Audio Input, right channel
RCA white:	Audio Input, left channel
4-pin Mini-DIN black:	S-Video Input

Note: When using the S-Video connection, audio must be connected to the red and white RCA plugs, as the S-Video cable only carries a video signal.

Connecting a Video Recorder with SCART

To connect a video recorder with SCART connector, you need a SCART-to-RCA adapter labeled "Video Out" or a switchable adapter (not included).

The direction of the signal must be from SCART to RCA. A SCART-to-RCA adapter labeled "Video In" is not suitable.

VHS video recorders usually do not supply an S-Video signal on the SCART output. When using a SCART-to-S-Video adapter on such a recorder the video will be just black and white.

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5. Installing the USB-Live2 Software

Notes:

- This step requires that the USB-Live2 is connected to the USB port.
- It is recommended to disable your anti-virus software for the duration of the software installation.
- An Internet connection is required for software activation.

If a CD ROM is included, install the software from CD ROM.

If a CD ROM is not included:

Open your web browser and enter the download link from the WinTV v8 Download Document into the address bar. Or alternate, visit

www.hauppauge.com,

click on "SUPPORT", then "WinTV v8".

Download the WinTV8 Setup file to your computer. Run the downloaded file, for example wintv8setup_34148.exe (the version number may vary).

Select your language and click "Next". Follow the instructions on your screen.

First the USB-Live2 device driver will be installed.

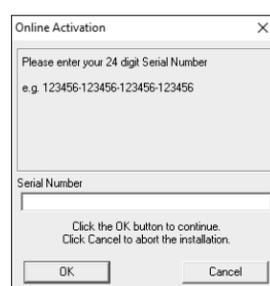
When you are prompted to enter the serial number, enter the serial number from the WinTV v8 Download Document.

Then the WinTV application will be installed. It is recommended to use the default directories for the program and data files.

After the installation, you will find a 'WinTV 8' icon on your desktop and a Hauppauge WinTV folder in the Windows Start menu.

Hauppauge Capture Installation
To download and install Hauppauge Capture, visit this site:

www.hauppauge.com/capture



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6. Running WinTV v8 for the first time

To start the WinTV v8 application, double-click on the WinTV 8 icon on your desktop. On the first start, the **Device Setup Wizard** will appear. Set the checkmark on "**External Inputs (Composite/SVideo)**" and click **Next**.

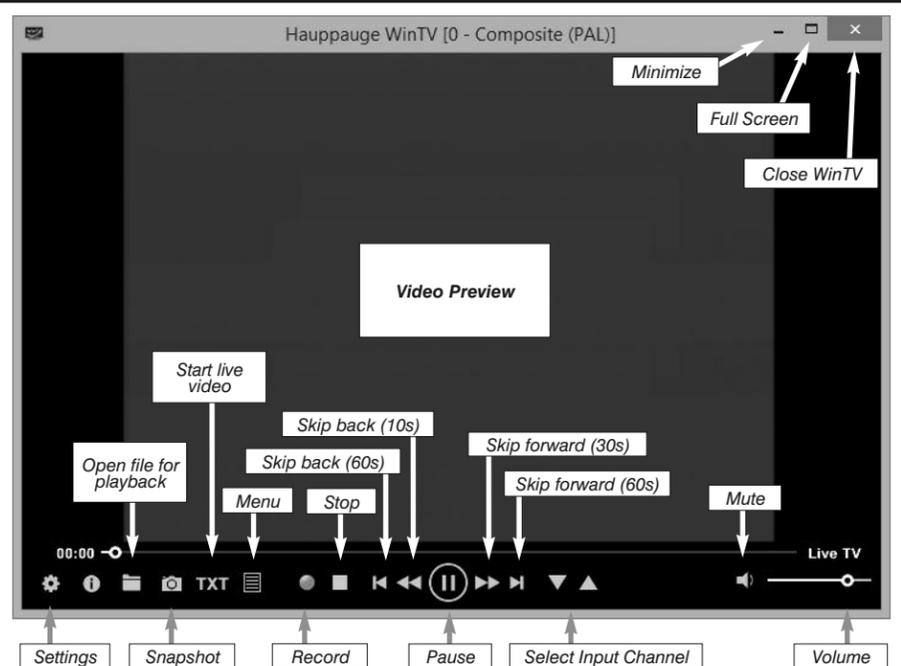
You will be presented with the option to add a Composite and an S-Video Input. Either leave the selection as 'AUTO' or select the video source and click **Next**.

If you wish to connect a source not normally designed for operation in your country, you can configure the Video Format manually from the drop down list. Change the value from "AUTO".

Note: PAL is the commonly used format in Europe. NTSC is used in North America.



7. Using the WinTV v8 Application

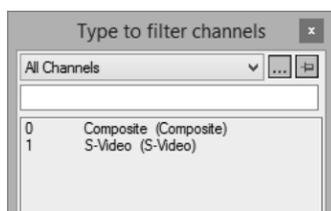


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Select input source

Click on the menu button and select "Find Channel" from the context menu. Double-click on the entry "Composite (PAL)", if your video source is connected to the yellow RCA plug, or "S-Video (PAL)", if it is connected to the black 4-pin Mini-Din connector.

You should now see live video from your video source and hear the audio.



Record video

- To record the video, click on the **Record** button. A filename is automatically generated and the video recorded to hard disk.
- When you are finished recording, click the **Record** button again.

Location of recordings

By default the recorded video files are saved in **C:\Users\Public\Videos**. This can be changed in the WinTV Settings on the **Capture** tab.

Recorded Video Formats: .TS or .MPEG

The default recording format is .TS (transport stream). These are MPEG-2 files but with a .TS file extension. If you have a video editing program which requires files of the type MPEG, click on the Settings menu, click the "Advanced Options" tab and set "Auto convert to MPG". Your recordings will now be made in an MPEG-2 format with the file extension .MPG

Play recorded file

To play back a recorded file in WinTV, click on the folder button and select the file to play.

Image Capture

To capture still images from video, click the 'Snapshot' button. The configuration of the formats for still image capture is in the **Capture** settings. To configure, click the **Settings** button, then click on the 'Capture' tab. You will see the settings for image capture under **Snapshots**. You can choose between BMP and JPEG formats. The format of the file name will be: capture_'date'_'time'.jpg

Eliminate delay of video

By default the video in the preview window is displayed with a delay of 1 to 2 seconds, because it is buffered on the hard disk. If the delay is not desired, you can turn it off. In WinTV click on the **Settings** button and select the "Advanced Options" tab. Set the check mark on "Use Game Mode for analog". Close the WinTV application and restart Windows.

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8. Hauppauge Capture



Features of the Hauppauge Capture application include live video preview, record video, snapshots, simple cuts and upload of recordings to YouTube. The bit rate for recordings can be set up to 10 MBit/s and the recording length can be set by a timer.

As in WinTV v8, the recording format is 'TS'. Unlike in WinTV v8, the delayed display of video cannot be turned off, and it is not possible to automatically convert the recorded file from the TS format to the MPG format.



Record Video

The Capture tab is used to record video.

The device selected should be "Hauppauge USB-Live2".

Select the "Video Input":

- "Composite", when using the yellow RCA plug
- "S-Video", when using the black 4-pin Mini-DIN connector

The audio input is automatically set to 'RCA'.

It is recommended to select the file format 'TS'.

You should now see live video from your video source and hear the audio.

Start Recording

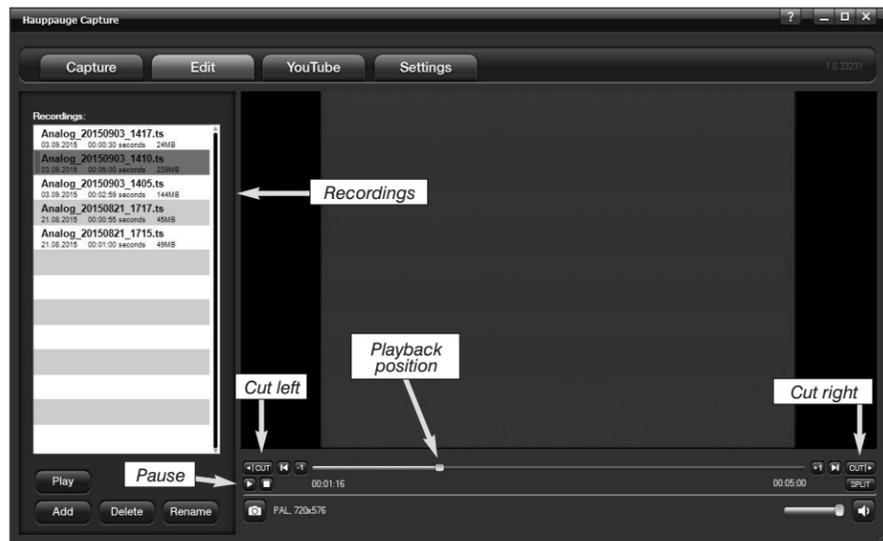
Click on the 'Record' button, to start recording. The button changes to 'Stop'. When you are finished recording, click on this button again.

You can limit the recording duration by entering a time (format HH:MM:SS) before starting to record.

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Edit Recordings

To cut your recordings, select the **Edit** tab.



Your recordings are listed on the left side of the window. Select the file you wish to edit and click on the "Play" button (or double-click on the file name). The video is played back in the preview window.

Move the slider (video mark) to the desired position in the video.

For better navigation use the buttons and .

The following cut functions are available:

- Cut from left: To delete all of the video before the current position, click on .
- Cut from right: To delete all of the video after the current position, click on .
- To split the video into two parts, click on (Split).

When cutting, the original file is always preserved, and the cut video is saved to a new file.

YouTube Uploads

Hauppauge Capture has the ability to upload your recorded videos directly to YouTube within the application.

Note: This requires a user account at YouTube.

Any recordings available for uploading will be listed on the left side.

Upload to YouTube

In the file list, highlight the recording you want to upload, then click the "Upload to YouTube" button.

In the "YouTube Upload" window, enter your YouTube credentials, and also title, keywords and description for the video. Click OK to start uploading the video to YouTube.

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9. Troubleshooting

Checking the Device Driver in Device Manager

To check if the device driver is installed correctly, open the Windows Control Panel and select 'System', then Device Manager. Provided the USB-Live2 device is connected to the USB port and the driver is installed, you should see the entry "Hauppauge USB-Live2" in the category "Sound, video and game controller". Also, in the category "Human Interface Devices" you will see the entry "Hauppauge USB-Live2 Function Not Used".

If no video is displayed

A common cause, why no video is displayed, are incorrect cable connections.

For example: When connecting a video recorder with a SCART-to-RCA adapter labeled "Video In", that is used to bring video into the video recorder, there will be no video with USB-Live2, as the video signal has the wrong direction. You must use a SCART-to-RCA adapter labeled "Video Out" to connect to USB-Live2.

The behavior of WinTV v8, if no signal is present:

- In normal mode: A picture with "No Signal" is displayed in the preview window.
- In Game Mode: The preview window stays just black.

If no video is displayed in WinTV v8:

- Make sure the video source is switched on.
- Make sure you are using appropriate cables to connect your video source.
- Make sure the correct video channel is selected in WinTV v8 ("Composite" or "S-Video").
- Make sure the video format that was set for the selected video channel matches the video format of the actual signal, for example PAL or NTSC. You can add video channels with certain video formats in the WinTV Settings on the 'Devices' tab. Select the "USB-Live2" device and click on the "Tuner Setup" button.

In case a video signal was not present when WinTV v8 was started, it is not sufficient to connect the video signal or to turn on the video source. You must also restart the live video preview, for example like this:

Click on the Stop button , then click "Start Live Video" (TV icon).



Waste Electrical and Electronic Equipment (WEEE): The device may not be disposed of with household rubbish. This appliance is labeled in accordance with European Directive 2002/96/EG concerning used electrical and electronic appliances (Waste Electrical and Electronic Equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances as applicable throughout the EU. To return your used device, please use the return and collection systems available to you.

Radio Interference Statement: The WinTV products have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

FCC Statement FCC ID: H90WINTV

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance to the FCC Rules could void the user's authority to operate the equipment. Supplementary Television Broadcasting Receiving Apparatus - Appareils supplémentaires de réception de télévision, Canada. Nordic note: Ma kun tilkoples kabel-TV nett via galvanisk isolator.

CE Statement: This equipment has been tested and complies with EN 55013, EN 55020 and IEC 801-3 part 3 standards.

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