

ImpactVCB-e

Quick Installation Guide for Windows

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Contents of the package

- **ImpactVCB-e** video capture device for PCIe slots
- **Audio splitter cable** (red and white RCA to 1/8" minijack)
- **Hauppauge Capture** application for Windows (download)
- **Full height and half height brackets**

How ImpactVCB-e works

ImpactVCB-e 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. ImpactVCB-e supports NTSC, PAL and Secam analog video from S-Video or composite video sources.

There is also Linux support available. See:
www.hauppauge.com/linux

Hauppauge Capture is supplied as the primary recording and editing application for the ImpactVCB-e. Hauppauge Capture can be used for recording and displaying live video and making simple video cuts.

When recording live video with the Hauppauge Capture application, ImpactVCB-e creates a .TS (transport stream) file. TS files are MPEG-2 which can be trimmed in the 'Edit' tab of Hauppauge Capture.

Installing the ImpactVCB-e

To install, switch off the computer and remove the computer cover.

Note: Your PC or your ImpactVCB-e PCIe card could be damaged by electrostatic discharge. Avoid this by touching the chassis of your PC before you open the PC or touch the PCIe board.

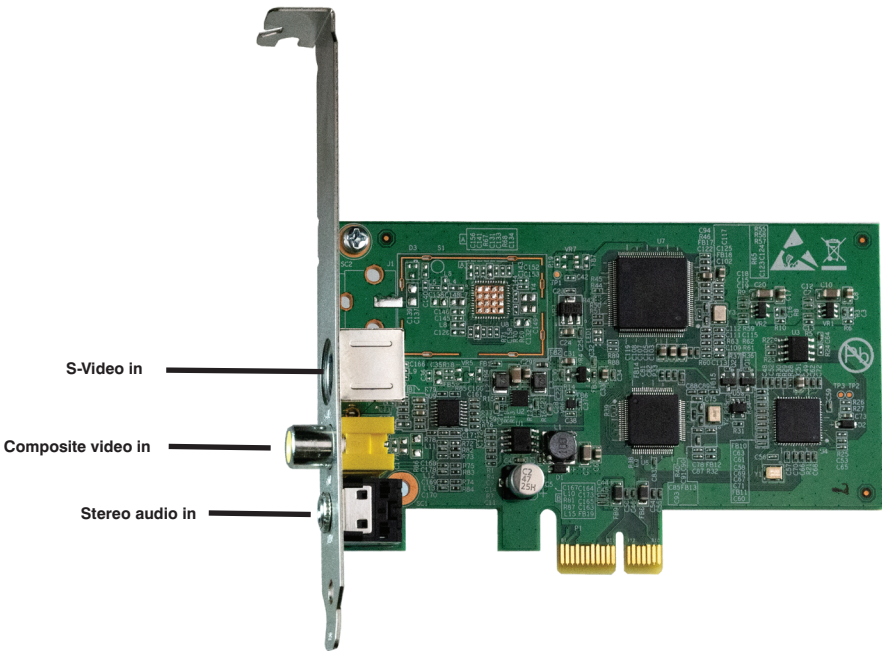
- Locate a free PCIe slot. Unscrew and remove the metal cover plate which covers the back of the empty slot.
- Plug the ImpactVCB-e board into the PCIe slot (a X1 or X16 slot will work)
- Screw the ImpactVCB-e's metal cover plate to the PC.
- Replace the computer cover.
- Power up your PC and boot into Windows.

- For Windows use, after powering up your PC, download and install the Hauppauge Capture application from here:
www.hauppauge.com/capture

- After installing the Hauppauge Capture application, you should see a Hauppauge Capture icon on your Windows desktop. Double click on this icon to run Hauppauge Capture.

In Hauppauge Capture, look for 'ImpactVCB-e' to be listed in the upper left hand corner. If you see it, then the installation has been successful and you can now connect the video cables.

Connecting the A/V Source to ImpactVCB-e



- Connect the video signal of your video source to the yellow RCA plug or the black 4-pin DIN S-Video plug.
- Plug in the Audio splitter cable to the 'Stereo audio in' connector. Connect the audio signal to the red and white RCA plugs.

Installing the Hauppauge Capture Application

Note: An Internet connection is required for download and software activation.

Note: Please disable your antivirus software for the duration of the software installation. We find that sometimes antivirus apps block the temporary folders needed for the installation of Hauppauge Capture

Hauppauge Capture allows you to quickly record and then trim your videos. It also has a convenient source selector in case you want to switch from S-Video to composite video. To download and install Hauppauge Capture, visit this site:

<https://www.hauppauge.com/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.

For a full manual on Hauppauge Capture, please look here:

https://www.hauppauge.com/pages/support/support_capture.html#guides

Record Video

The Capture tab is used to record video. The device selected should be "Hauppauge ImpactVCB-e".

Select the "Video In":

- "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'.

We recommended selecting 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.

Edit Recordings

To trim your recordings, select the Edit tab.



Troubleshooting

Display problems

If there are errors in the display of the video, these can possibly be corrected by changing the video renderer options. In the Hauppauge Capture application click on the ‘Settings’ tab and in the “Video Renderer” section, select a different video renderer (e.g. VMR9). Restart WinTV.

Check the driver in Device Manager

In the Control Panel, click the “System” icon and select “Device Manager”. If the ImpactVCB-e device is plugged in, you should see the entry “Hauppauge USBLive2” in the “Audio, video and game controllers” category.

The behavior of Hauppauge Capture if no signal is detected:

If no video signal is detected, when you turn on the Hauppauge Capture application, you will see a blank/black screen in the preview window.

Actions if no video is displayed:

- Make sure the video source is turned on.
- Make sure that you are using suitable cables to connect the video source.
- Make sure that the correct input is selected (Composite / S-Video).

If there was no video signal when Hauppauge Capture is started, it might not be sufficient to connect the video signal or switch on the video source. It might be necessary to restart the live display. To do this, in Hauppauge Capture, on the upper left hand corner where it says ‘ImpactVCB-e’, there is a pull down icon (a down arrow). Click the pull down arrow and select ‘ImpactVCB-e’. Release your mouse button and the ImpactVCB-e will be restarted.