HD PVR 60
Quick Install Guide

60FPS HD Video Recorder for Windows

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Included with HD PVR 60:

- **HD PVR 60 recorder:** 60 frame per second H.264 high definition video recorder, USB
- **HDMI cable**
- **USB 2.0 cable**
- **Quick Install Guide** (this guide)
- **Download instructions for the Hauppauge Capture** application for Windows 10, 8, 7, Vista and Windows XP

Overview

The Hauppauge **HD PVR 60** records PC or console gameplay video at up to 1080p60 HD using HDMI. Hauppauge Capture is used to record, trim and upload videos from your game console and has a convenient one-click upload to YouTube.

The HD PVR 60 has a lag-free video pass through: there is NO lag when watching your gameplay on a monitor connected to the HDMI output connector on HD PVR 60.

HD PVR 60 recordings are made onto a computer's hard drive in a compressed H.264 format. It will record at 1080p60, 1080p30, 720p60 or 720p30 or 480p at datarates from 1Mbit/sec up to 16Mbits/sec.

Audio can be supplied to the HD PVR 60 from the HDMI cable and recording is done in two channel stereo audio.

There are three types of HD PVR 60 record formats:

TS: this is a native H.264 format used by Hauppauge Capture. TS files are often used to burn Blu-ray discs. The TS files recorded with the HD PVR 60 can be edited with Sony Vegas (all versions). TS files can also be imported and edited with Adobe Premiere

M2TS: this is a format which is popular with some video editors.

MP4: this is similar to the TS file but has an index at the beginning of the file. In the Edit tab of Hauppauge Capture, click 'Export to MP4' to create an MP4 file without losing video quality.

Installing the HD PVR 60

Step 1: Boot into Windows on your PC

HD PVR 60 works with laptops or desktop PCs with Windows 10, 8, 7, Vista and Windows XP.

Step 2: Plug the USB cable into HD PVR 60

USB connection

After your PC has booted to Windows, plug one end (the square end) of the supplied **USB cable** into the HD PVR 60's USB cable connector. HD PVR 60 is compatible with USB 2.0 (high speed) only. Plug the other end into your PC.

Step 3: Connect the HD PVR 60 HDMI cables

Connect your PC, Xbox One, Xbox 360 or PS4 to HD PVR 60 using HDMI

Plug your game console's **HDMI cable** into the **HDMI** port on your game console and into the **HDMI in** on the HD PVR 60.

Plug the HDMI cable (supplied) to **HDMI Out** on the HD PVR 60. Connect the other end of this HDMI cable into a TV or video monitor.

USB
to your PC for recording

HDMI IN
from your game console or PC game system

HDMI OUT
to your TV monitor
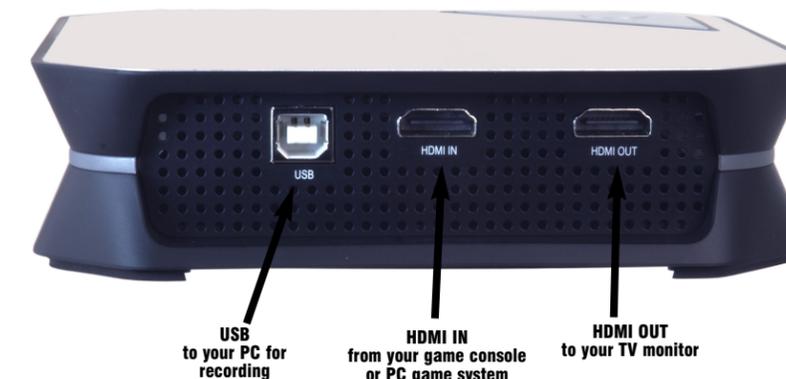
*N*ote: your PC or game console must be set to 1080p, 720p or 480p at 50 or 60Hz. Please see this page for setting up the video and audio on a PC gaming system: www.hauppauge.com/pcsetup

*N*ote: on the Xbox 360, you might need to change the video mode. See these instructions: www.hauppauge.com/xboxsetup

*N*ote: on the PS4, you might need to disable HDCP in order to record video. See these instructions: www.hauppauge.com/ps4

Step 4: Download the Hauppauge Capture application from the Hauppauge website

The Hauppauge Capture application includes both the Windows drivers and the Hauppauge Capture application, plus some utilities. You can download Hauppauge Capture from:

www.hauppauge.com/hdpvr60

The download normally goes into the 'Downloads' directory on your Windows PC.

Step 5: Install the HD PVR 60 Windows driver and applications

*F*or more information, please see the Hauppauge HD PVR 60 support page: http://www.hauppauge.com/hdpvr60

Once you have downloaded Hauppauge Capture (Step 4), simply run it.

*N*ote: If a 'Found New Hardware' wizard appears, please cancel it.

Click **Next**. The HD PVR 60 applications will be installed. The **Hauppauge Capture application** is for recording game play and uploading the game recordings to YouTube.

Once complete, **you will be asked to restart**. Please do so.
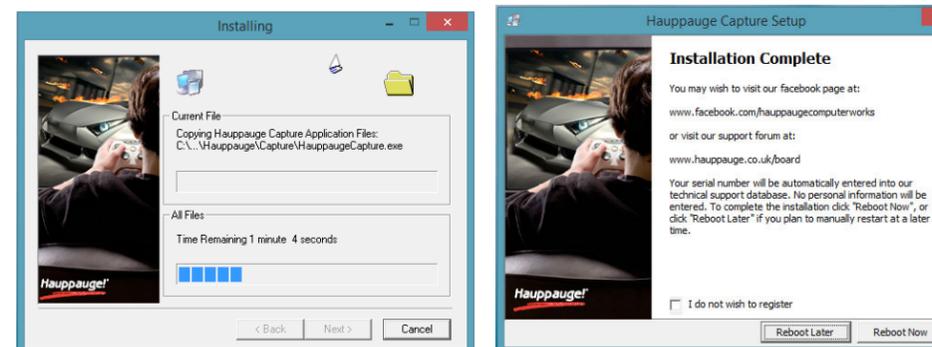
Using Hauppauge Capture

After restarting your PC, you will see the **Hauppauge Capture icon** on your Windows desktop. Click this icon to start Hauppauge Capture.

For more information on Hauppauge Capture, how-to videos and the latest version of Hauppauge Capture, please look here:

www.hauppauge.com/capture

Capture:
to record videos

Edit:
to trim videos

YouTube:
to upload videos

Settings
menu
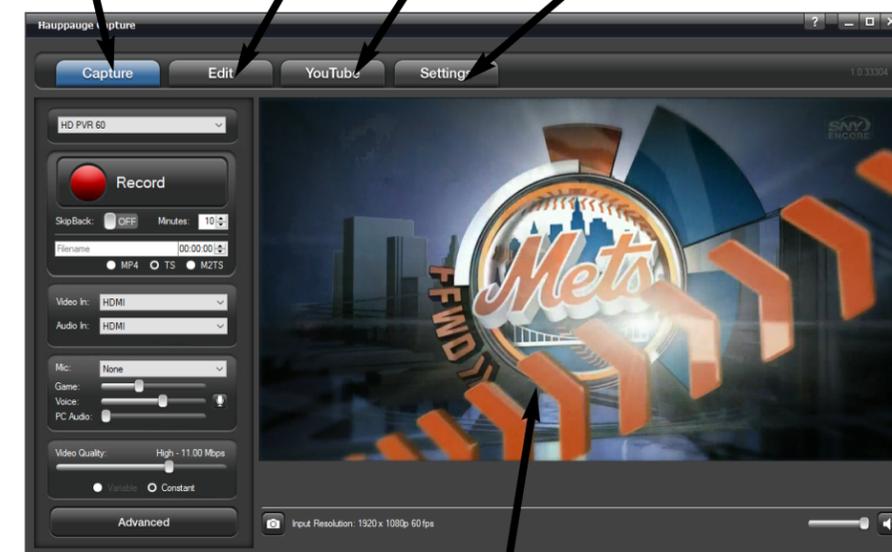
Preview window:
when you have chosen your video source, you should see your video here

Capture tab

Start/Stop recording:
You can also use the record button on top of the HD PVR 60 to start or stop recordings

SkipBack:
SkipBack allows you record gameplay in the past. The Minutes setting sets the number of minutes to record in the past

Name of your recording:
Default name is the date and time

Timed recording:
If you would like to have your recording made for a certain time (example: 10 minutes), set this to the time.
If you leave this at 00:00:00, then you will need to manually start/stop your recording

Video and Audio sources:
For a PC game, Xbox One, Xbox 360, PS4 or WiiU, set for HDMI

Microphone input:
If you want to record your game commentary, select your microphone here.

Audio volume:
Set the audio volume of your game, your microphone and your PC audio here. To disable PC audio, turn this all the way to the LEFT (this is 0 volume). Audio volume will only be adjusted when a microphone is selected.

Video format:
When the HD PVR 60 can 'see' your video source, it reports the format of your video here.

Snapshot button:
Click this button to take a snapshot of your video. You can also hit the spacebar on your keyboard to take a snapshot.

Quality:
This is where you set the bit rate of your recordings. The higher the bitrate, the better your video quality will be. But higher quality videos consume more disk space.

Advanced menu:
This is where you can set the audio settings

Edit tab

File selector:
Your last recording will be at the top of the list. You can also choose any other recording.

Export to MP4:
Some video editors need an MP4 file. When you are finished trimming your videos, click this button and your video will be converted to MP4 without any loss in video quality.

Start and pause your video:
You can start or pause your videos with this button

Cut from the LEFT:
When you click this button, you will delete all of the video to the LEFT of the video mark.

Video mark:
This shows you the current position in your recording of the video you see in the preview window

Cut from the RIGHT:
When you click this button, you will delete all of the video to the RIGHT of the video mark.

YouTube tab

File selector:
Your last recording will be at the top of the list. You can also choose any other recording.

Upload to YouTube:
After you have trimmed your videos, click here to upload them to YouTube.

Enter your YouTube credentials:
Enter your user name and password.

Note: if you have multiple YouTube accounts linked to one user name and password, you cannot use this function to upload to YouTube. You will need to manually upload using a web browser. Your videos can be found in the *Videos* folder on your PC.

Enter the Title, Keywords and Description:
This is the minimum information required by YouTube to upload your videos.
Then click OK.

Troubleshooting

What do the lights on front of HD PVR 60 mean?

- **Blue light:** When HD PVR 60 is powered on and the Windows driver is running, the blue light is on. If the blue light is blinking, the HD PVR 60 is not 'seen' by your PC. Either you have not installed Hauppauge Capture application yet or the HD PVR 60 is not 'seen' by your PC. Check the USB cable and if the light is still blinking, re-install Hauppauge Capture.

- **Green light is on after you start Hauppauge Capture:** this is good and means HD PVR 60 detects video and you are ready to record. You should also see video in the Preview window. Note: It sometimes takes a few seconds before the green light goes on.

- **Red record ring:** indicates that HD PVR 60 is recording or streaming video.

- **Red light:** this means the video encoder inside HD PVR 60 cannot send data to your PC. There are a number of reasons this could happen. If your PC is running slowly and cannot get data from HD PVR 60 quickly enough, the red light might go on for a few seconds until the PC can accept data. Change to another USB port on your PC, then power down HD PVR 60, wait a few seconds and power up again. If you continue to see the Red light while recording and have checked your cabling, contact Hauppauge technical support.

No video in the Hauppauge Capture preview window:

Step 1: Make sure HD PVR 60 is listed in the Capture tab. If not, then please check your USB cables and make sure the blue light is on solid (not blinking) on the front of HD PVR 60. If you cannot see **HD PVR 60** listed in the Capture tab, reinstall Hauppauge Capture. Power cycle the HD PVR 60 and reboot your PC after reinstalling the drivers.

Step 2: Check the video mode of your console. It must be set at either 1080p60 or 720p. If you are using a PC game system, check our website at: **www.hauppauge.com/pcsetup**

Step 3: Make sure your game console is not using HDCP copy protection. HDCP will prevent you from seeing video in the Preview window. The Xbox One will turn on HDCP after you watch TV or Netflix. The PS4 turns on HDCP unless you disable it. To turn off HDCP on your game console, click on the Troubleshooting tab on this page:

www.hauppauge.com/hdpvr60

Step 4: Check your cables. When using HDMI cables, try swapping the HDMI cables (in cable

with the out cable).

Step 5: Check the Video setting of your game console. If the HD PVR 60 green light is not on, then either you have the HDCP on your video game, your game console is not turned on or the game console is in a video mode which needs to be changed.

Step 6: If the green light is on the front of HD PVR 60 and you still see a black preview window, try recording some video. If you can successfully playback a recording but you cannot see live video in the Preview window, there might be a video rendering problem (video card drivers, hardware acceleration…) Check device settings for video decoder details. To enable hardware acceleration, select "Hardware acceleration" in the Settings menu in Hauppauge Capture.

If recording fails, it is likely something is wrong with the video input to HD PVR 60. Please contact Hauppauge Technical Support at **support@hauppauge.com**

Pass through video problems

No video on my TV set:

Open Hauppauge Capture and verify the correct **Video input** is selected. **Video and audio input must be set initially for passthrough to work** (if you power cycle the HD PVR 60, it may revert to its default setting and will need to be set again). Also, check the video mode on your Xbox 360: the video mode should be 1080p or 720p.

No video on my TV set but I can see video in the Capture tab

Check that the HDMI cable from the HD PVR 60 (HDMI out) is connected to your TV monitor and the TV is set to the correct HDMI port if multiple are available on your TV.

Try changing the output resolution from your game console. Some TV monitors may not support all HDMI output resolutions.