

# How to Connect PC with NVIDIA GeForce / AMD / Intel Graphics to 3D TV

When connecting your NVIDIA GeForce graphics card to 3D TV at the first time

## Step-by-step guide

### Connecting hardware

Connect your graphics card of the PC to 3D TV by HDMI cable (if it's necessary use HDMI-to-DVI or HDMI-to-DisplayPort adapters). Please make your TV as primary display.

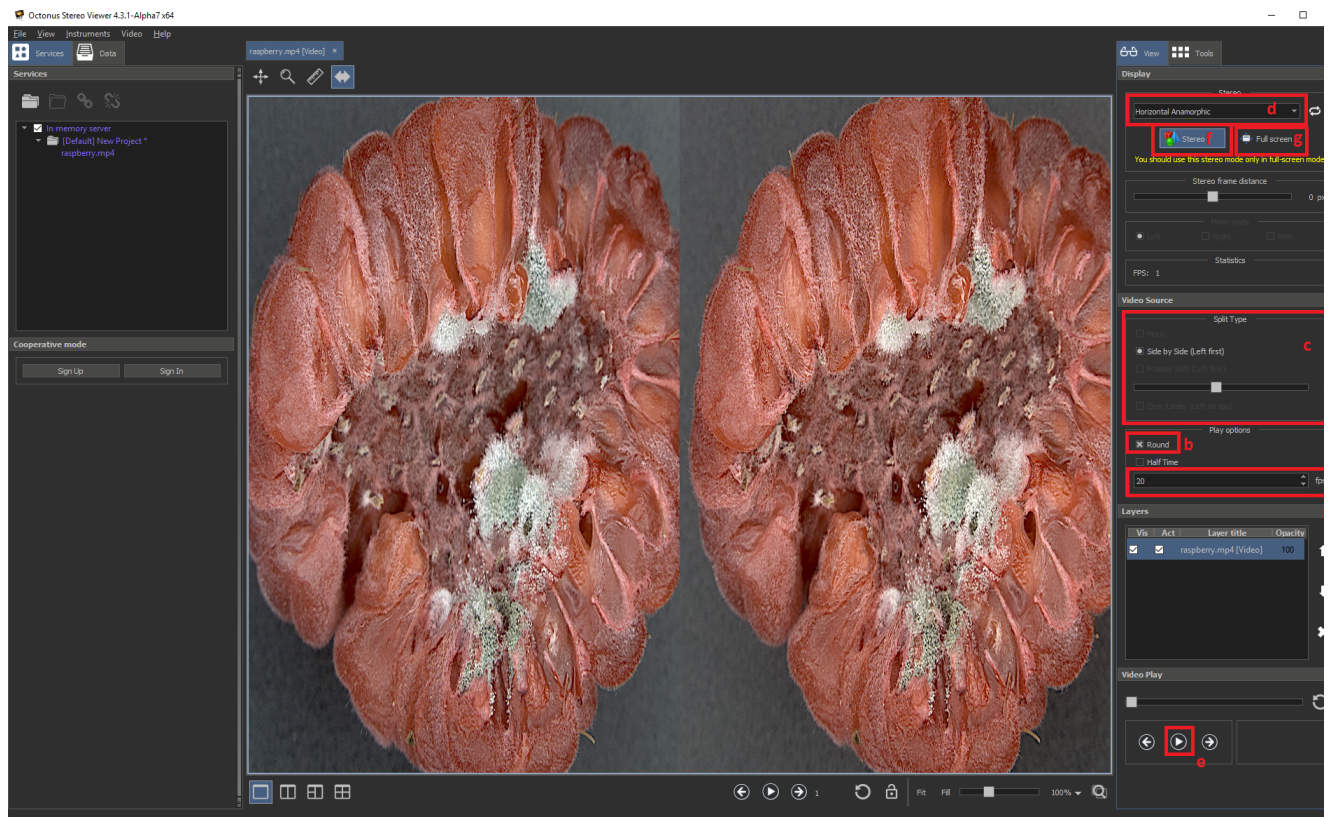
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### Installing software and preparing data

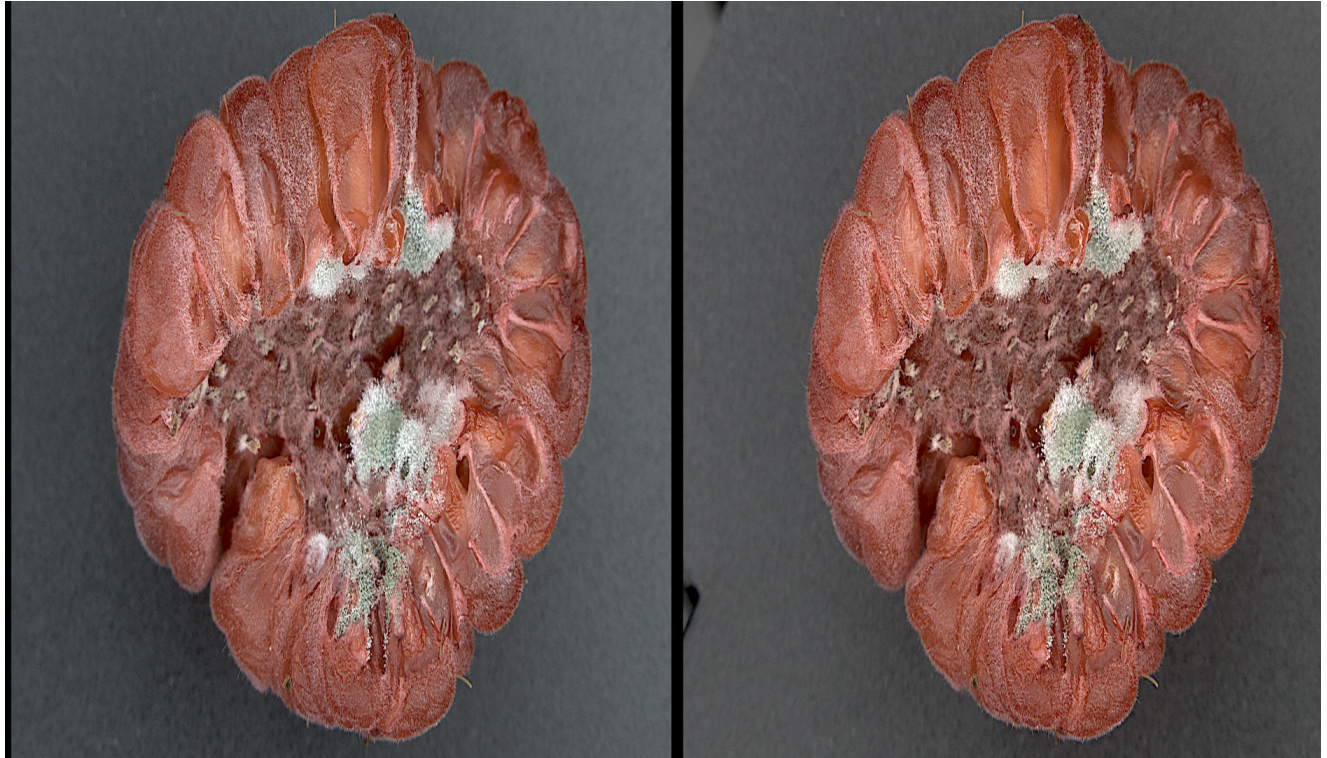
1. Download and Install latest version of the OctoNus Stereo Viewer (32 bit or 64 bit). The latest version is available at <http://dm.octonus.com/products/osv>
2. Download 3D films examples from <http://dm.octonus.com/products/osv>

### Settings in the OctoNus Stereo Viewer

1. Run the OSV, open a stereo movie ('File>Open') and check player settings
  - a. Set frame rate to desired FPS (usually 15 or 20 fps);
  - b. Set Round check for looped playback;
  - c. Set the split type (for Digital Microscope stereo movies use Side by Side (Left First));
  - d. Set "Horizontal Anamorphic" or "Vertical Anamorphic" stereo mode;
  - e. Press movie play button.
  - f. Press 'Stereo' button.
  - g. Press 'full screen' button.



If you did everything correctly, you'll see on the TV screen left and right viewpoints side-by-side like this:



You should set Side by Side split type on your 3D Smart TV by 3D Mode button on the remote control in accordance with selected stereo mode in OSV on [step d](#).

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Press 'Escape' key on your keyboard to exit from full-screen mode.



TV screenshot above was made on the Samsung 3D TV. 3D settings for your 3D Smart TV may be different.

## Two screens mode

Anamorphic stereo mode cannot show GUI controls on stereo TV. To work with controls and view stereo at the same time, it is possible to use two-screen configuration. This is usable for the laptop on a presentation.

To enable this mode, the following steps are needed:

- Attach your TV as usual
- Enable "Extend desktop mode" in display settings. Make sure the TV is the primary screen! (as of now, stereo window always opened at the primary screen).
- Open OSV on secondary (laptop) screen. If it is opened on the primary screen, move it the laptop screen with mouse.
- Enable anamorphic stereo as described above. You'll see that GUI controls are still available on your laptop screen and stereo window is opened on the TV screen.

## Related articles

- [System Requirements and Setup](#)
- [How to Enable Windowed Stereo for NVIDIA Quadro \(active shutter glasses\)](#)
- [How to Enable NVIDIA 3D Vision Stereo](#)
- [How to Enable Half-Mirror Multi-Display Systems \(polarized glasses\)](#)
- [How to Connect PC with NVIDIA Quadro to 3D TV](#)