

# USB 3.0 to VGA External Video Card USB 3.0 to DVI External Video Card USB 3.0 to HDMI External Video Card

USB32VGAPRO / USB32DVIPRO / USB32HDPRO



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## **FCC Compliance Statement**

This equipment has 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. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

## **ISED Statement / Déclaration d'ISDE**

CAN ICES-003(B) / NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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# Introduction

## Packaging Contents

- 1x USB 3.0 Video Adapter
- 1x Instruction Manual
- 1x DVI-to-VGA Adapter (for USB32DVIPRO only)

## System Requirements

- VGA-enabled display (e.g. Monitor, Projector, Television) **(for USB2VGAPRO)**  
**Or**  
HDMI-enabled display (e.g. Projector, Television) **(for USB2HDPRO)**  
**Or**  
DVI-enabled display (e.g. Monitor, Projector) **(for USB2DVIPRO)**
- USB-enabled computer system with available USB 3.0 or 2.0 port

**Note:** These USB Display Adapters perform best when using a USB 3.0 port.

- Microsoft® Windows 11, 10, 8/8.1 (32/64-bit), 7(32/64-bit), Vista(32/64-bit); macOS 10.6 - 10.15, 11.0, 12.0, 13.0, 14.0; Ubuntu 18.04, 20.04, 22.04; Chrome OS™ v55+
- CPU: Quad Core 2.4GHz or Higher (i5 recommended)
- RAM: 4GB or higher

# Installation

## Windows Installation

**Note:** Do not physically connect the USB video adapter to your computer until you are instructed to (Step 7).

To install the driver:

1. Navigate to [www.StarTech.com/USB32HDPRO](http://www.StarTech.com/USB32HDPRO) (**HDMI**), [www.StarTech.com/USB32DVIPRO](http://www.StarTech.com/USB32DVIPRO) (**DVI**), or [www.StarTech.com/USB32VGAPRO](http://www.StarTech.com/USB32VGAPRO) (**VGA**).
2. Click the Support tab.
3. Click the “[displaylink] windows usb display adapter.zip” file, and download the drivers.
4. Right-click the zip folder that you downloaded, select **Extract All**, and follow the onscreen instructions.
5. Right-click **Setup.exe**, and click **Run as Administrator**.

**Note:** If the Run as Administrator option is not available, you might be attempting to run the installer from within the zipped file. Extract the files using the instructions in Step 4.

6. Follow the on-screen prompts to install the device drivers and restart the computer when prompted.
7. Once Windows has restarted, connect the USB video adapter to your computer.
8. Your computer will automatically complete the driver installation and your device should be ready to use.

**Note:** The installation may take several seconds to complete. During the installation your display might flicker; this is normal. Once the installation has completed you will see your Windows desktop extended to the additional monitor.

# MacOS Installation

To install the driver:

1. Navigate to [www.StarTech.com/USB32HDPRO](http://www.StarTech.com/USB32HDPRO) (**HDMI**), [www.StarTech.com/USB32DVIPRO](http://www.StarTech.com/USB32DVIPRO) (**DVI**), or [www.StarTech.com/USB32VGAPRO](http://www.StarTech.com/USB32VGAPRO) (**VGA**).
2. Click the Support tab.
3. Click the "[displaylink] mac usb display adapter.zip" file, and download the drivers.
4. Run the **DMG File** associated with the installed **macOS Version**, located in the [DisplayLink] Mac USB Display Adapter folder.
5. Navigate to Finder > Applications and open the DisplayLink Manager app.
6. Select the **DisplayLink Manager app** icon from the Menu Bar.
7. Select the check-box for "**Launch app automatically after logging-in**" from the Automatic startup section.
8. Connect the **StarTech.com Adapter** to the **Mac** and **Video Display Device**.
9. Navigate to System **Preferences** > **Security & Privacy**.
10. Navigate to the **Privacy tab**.
11. Select **Screen Recording** > **DisplayLink Manager**. This step permits the Mac to use the **DisplayLink Manager app** to send video from the StarTech.com Adapter to the Video Display Device.
12. Since the new permission will activate the next time the **DisplayLink Manager app** is started, select the prompt to **Quit & Reopen** or **Quit Now**.
13. Navigate to **Finder** > Applications and open the **DisplayLink Manager app**.

# Ubuntu Installation

To install the driver:

1. Start the installer with administrative privileges:  
`sudo ./displaylink-driver-x.x.x.xx.run`

Note: X = driver file version.

2. If apt update has already been called, a prompt to update the package list is

```
dl_test_user@dladm-in-Dell-Precision-M3000:~$ sudo ./displaylink-driver-5.3.0.27.run
Verifying archive integrity... 100% All good.
Uncompressing DisplayLink Linux Driver 5.3.0.27 100%
DisplayLink Linux Software 5.3.0.27 install script called:
Distribution discovered: Ubuntu 20.04 LTS
[ Installing dependencies ]
Need to update package list.
apt update? [Y/n]
```

3. or Proceed to package installation by pressing ENTER.

```
dl_test_user@dladm-in-Dell-Precision-M3000:~$ sudo ./displaylink-driver-5.3.0.27.run
Verifying archive integrity... 100% All good.
Uncompressing DisplayLink Linux Driver 5.3.0.27 100%
DisplayLink Linux Software 5.3.0.27 install script called:
Distribution discovered: Ubuntu 20.04 LTS
[ Installing dependencies ]

WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

Reading package lists...
Building dependency tree...
Reading state information...
Suggested packages:
  menu
The following NEW packages will be installed:
  dkms libdrm-dev
0 upgraded, 2 newly installed, 0 to remove and 15 not upgraded.
Do you want to continue? [Y/n]
```

4. Packages required for the DisplayLink Driver:

## **dkms**

- Enable loading of EVDI module

## **libdrm-dev**

- Required due to libevdi being shipped as source code and build during the installation

# Specifications

|                              |   |
|------------------------------|---|
| <b>Audio Specification</b>   | 5.1 Channel Surround (48Khz) (USB32HDPRO only)  |
| <b>AV Input</b>              | USB 3.0   |
| <b>Max Resolution</b>        | 1920 x 1200   |
| <b>AV Output</b>             | VGA (USB32VGAPRO)<br>HDMI (USB32HDPRO)<br>DVI (USB32DVIPRO)   |
| <b>Cable Length</b>          | 0.91m   |
| <b>Chipset ID</b>            | Displaylink DL3500  |
| <b>Color</b>                 | Black   |
| <b>Enclosure Type</b>        | Plastic   |
| <b>Audio</b>                 | Yes   |
| <b>Memory</b>                | 512MB DDR II  |
| <b>OS Compatibility</b>      | <ul style="list-style-type: none"><li>Microsoft® Windows 11, 10, 8/8.1 (32/64-bit), 7(32/64-bit), Vista(32/64-bit); macOS 10.6 - 10.15, 11.0, 12.0, 13.0, 14.0; Ubuntu 18.04, 20.04, 22.04; Chrome OS™ v55+</li></ul>   |
| <b>Supported Resolutions</b> | Widescreen (16/32 bit): 2560x1600 (USB32DVIPRO only),<br>2048x1152, 1920x1200, 1920x1080, 1680x1050, 1600x900,<br>1440x900, 1360x768, 1280x800, 1280x768, 1280x720<br><br>Standard (16/32 bit): 1600x1200, 1400x1050,<br>1280x1024, 1280x960, 1152x864, 1024x768, 800x600 |



# Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **[www.startech.com/support](http://www.startech.com/support)** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **[www.startech.com/downloads](http://www.startech.com/downloads)**

## Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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