

## USB to DVI External Video Card Adapter for PC and MAC - 1920x1200

USB2DVIPRO2



\*actual product may vary from photos

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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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Introduction

The USB2DVIPRO2 USB to DVI External Video Card Adapter for PC and MAC - 1920x1200 is the perfect solution for turning your workstation into a dual or multi-monitor environment using your USB ports - providing high quality, dual display or multi-monitor capability for a variety of laptop or desktop applications.

This USB DVI display adapter is capable of running up to five additional displays from one computer simultaneously (using four USB2DVIPRO2 External Video Adapters). The adapter connects to a host computer through a USB 2.0 port, acting as an external VGA video card to either extend or mirror the desktop shown on the existing display - without having to open the computer case.

USB2DVIPRO2 offers support for Microsoft Windows® (including Aero themes) and Mac OS X, and with support for resolutions up to 1920x1200 this device is ideal for larger displays / monitors.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Packaging Contents

- USB to DVI Adapter
- Driver CD
- Instruction Manual

## System Requirements

- USB enabled computer system with available USB port
- CPU: 1.2 GHz or Higher
- RAM: 512 MB or Higher
- 30 MB of hard drive space
- Microsoft® Windows® 2000/XP/Vista(32/64bit)/7(32/64bit), and Apple® Mac OS X® (Tiger 10.4.11 and up)

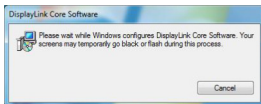
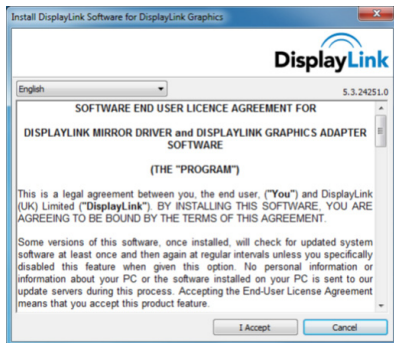
# Installation

## Windows®

**Please ensure that the driver installation is complete prior to the physical installation (plugging in) of the USB Video Adapter**

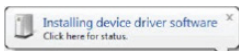
1. Download the latest drivers from the StarTech.com website (recommended), or insert the included Driver CD into your CD/DVD-ROM drive.
2. Locate the Setup.exe application. This file will be located in the folder labeled "Windows" on the Driver CD (e.g. D:\) or downloaded file.
3. Executing the Setup.exe application will launch the following screen. Please click I Accept to start installation process. The set-up program will install the device driver and software application respectively.

**\*Ensure that the USB Video Adapter is not connected to the host computer.**

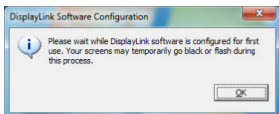


**\* The screen may flash or go black during installation. No additional message will be displayed to alert that the installation has completed.**

- Once DisplayLink Core Software screen has disappeared Connect your USB2DVIPRO2 device via the USB port on your PC.



- The system will initiate driver and software application (the DisplayLink Software Configuration screen may flash or go black during the installation).



**\*Some machines may require a system reboot for the USB Display Adapter to initialize.**

- Connect your DVI monitor to the available DVI port on the USB2DVIPRO2 device.
- The USB Video Adapter is now ready for use.

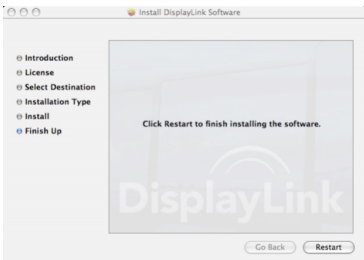
# Apple® Mac OS X®

**Please ensure that the disk image installation is complete prior to the physical installation (plugging in) of the USB Video Adapter. Please note the computer will reboot during installation, any unsaved data may be lost.**

1. Download the latest drivers from the StarTech.com website (recommended), or insert the included Driver CD into your CD/DVD-ROM drive.
2. Locate the DisplayLink-OSX.dmg Disk Image. This file will be located in the folder labeled "Mac" on the Driver CD, or downloaded file.
3. Double Click "DisplayLink Software Installer.pkg" to begin software installation.



4. Once the software installation is completed click the "restart" button.



5. Connect your USB2DVIPRO2 device to your Mac via an available USB port.
6. Connect your DVI monitor to the available DVI port on the USB2DVIPRO2 device.
7. The USB Video Adapter is now ready for use.

# Multiple USB Video Adapter Installation

Ensure you have the latest version of the drivers installed, otherwise, please download them from the StarTech.com website ([www.startech.com](http://www.startech.com)).

1. Complete the standard driver installation steps, up to when you plug in the first USB Video Adapter.
2. Connect another monitor/display to the second USB Video Adapter, and turn on the display.
3. Connect the USB type A connector on the second USB Video Adapter to an available USB port on the host computer. The driver installation will begin automatically.

Repeat these steps for each additional USB Video Adapter you wish to install. Once all USB Video Adapters are installed, reboot the computer. After rebooting, you may be prompted to reboot one final time; please do so.

## Configuring the USB Video Adapter

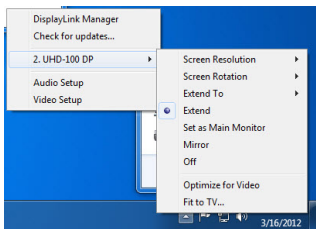
### Windows®

When devices are attached, an icon appears in the taskbar. This gives you access to the DisplayLink manager menu.

1. From the taskbar, click the Show hidden icons arrow to show all available icons.



2. Click the **DisplayLink** icon. Then, click **UHD-100 DP**. A menu appears with configurable options. These are shown and described below.

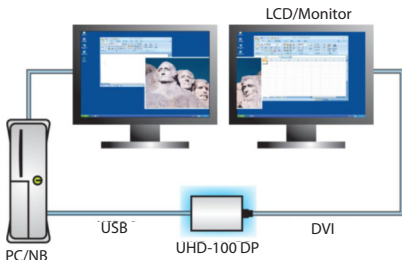




## Extend

The monitor attached to the USB2DVIPRO2 USB Graphics adapter displays an extension of the user's active Windows desktop. The extra desktop area is a great productivity aid, allowing more applications or documents to be visible at a time. The device is now extended in the direction it was the last time the display was in this mode. For more control, use the Extend To submenu and select one of the options. This puts the device into extend mode, and places it to the Left/Right/Above/Below the main (primary) monitor.

### ▶ Extend Mode



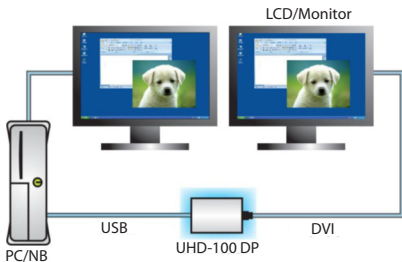
## Mirror

The monitor attached to the USB2DVIPRO2 USB Graphics device displays a duplication of the primary display.

The resolution, color depth and refresh rate of the primary screen are replicated on the monitor connected to the USB Graphics device.

**Note:** If the monitors used are of different specifications, the system's primary graphics adapter will scale all settings to lower specification to maintain a uniform aspect ratio.

### ▶ Mirror Mode



## **Extend To**

This option allows you to specify the physical location of the monitor connected to the USB2DVIPRO2 in relation to the systems on board monitor.

## **Screen Resolution**

This option allows you to change the resolution on the monitor connected to the USB2DVIPRO2 device. Simply select the desired option from the list of supported resolutions displayed in the sub menu.

## **Screen Rotation**

This option allows you to change orientation in which the screen is viewed. The two most common types of orientation are portrait and landscape.

## **Set as Main Monitor**

Selecting this option allows your computer to consider the monitor connected through the USB2DVIPRO2 as your primary monitor. Your primary monitor displays all system notifications, and takes priority with applications.

## **Notebook Monitor Off**

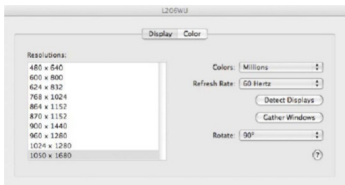
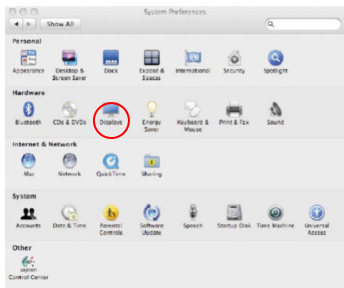
Selecting this option disables the onboard system monitor. Please note this will disable the monitor on a Desktop, or Notebook computer.

## **Off**

This option disables the monitor connected to the USB2DVIPRO2.

# Apple® Mac OS X®

1. Open “Displays” from the System Preferences menu.

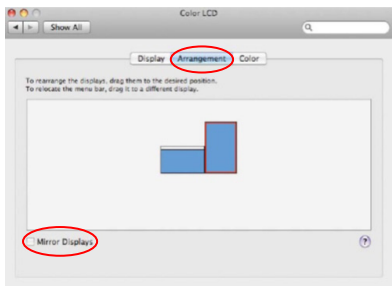


2. The Display settings for each display will appear on the individual monitors themselves. To configure them all from a single location, press the “Gather Windows” button and each screen’s Displays Preferences windows will appear on that display.
3. All supported video resolutions will appear in the list on the left side. To change the positioning of each display, click on the “Arrangement” button (found only on the primary display) and you can then virtually reposition each display.

## Using the Adapter in Extended or Mirror Mode

By default the USB2DVIPRO2 will be setup as an extended display. To change the display as a mirrored/cloned display, check the “Mirror Display” box on the “Arrangement” page for that monitor's Displays settings window. To return the monitor to an extended display, uncheck this option.

To use both extended and mirrored displays simultaneously, turn off mirroring then in the “Arrangement” page press and hold the ‘cmd’ and ‘alt’ keys and drag and drop the display you wish to mirror over the primary display (shown with the white bar).



Repeat this with each display you would like set as mirror, all others will act as an extended display. To move the Menu Bar, click the white menu bar and drag it to the display you wish to become the primary.

**\*Support for video playback while in clone mode is limited.**

## Changing the Primary Display

You can change which display is the primary display by moving the Menu Bar between displays. Changing the primary display affects where new windows appear and the position of the Dock.

# Specifications

<b>Interface</b>	USB
<b>Max Resolution</b>	1920 x 1200
<b>AV Output</b>	DVI
<b>Chipset ID</b>	Displaylink DL-195
<b>Color</b>	Black
<b>Enclosure Type</b>	Plastic
<b>Audio</b>	Yes
<b>Memory</b>	16MB
<b>OS Compatibility</b>	Windows 2000/ XP / Vista(32/64bit / 7(32/64bit)(Aero 3D interface supported)/, and Intel Mac's running OS X (Tiger 10.4.11 and up)
<b>Output Signal</b>	DVI
<b>Industry Standards</b>	Standard DisplayPort® USB 2.0
<b>Supported Resolutions</b>	Standard(16/32 bit): 640x480, 800x600, 1280x1024, 1600x1200  Widescreen(16/32 bit): 1024x768, 1366x768, 1440x900, 1680x1050, 1920x1200
<b>Wide Screen Supported</b>	Yes
<b>Note</b>	Connect a maximum of five USB2DVIPRO2 adapters on a single PC

# Technical Support

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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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