



USB 2.0 to DVI/VGA Pro

Installation Guide

Introduction

The *USB 2.0 to DVI/VGA Pro* adds DVI or VGA port to your USB enabled system.

Key Features and Benefits

- Quickly adds a monitor, LCD or projector to your USB 2.0 enabled system
- Resolution (max): 1080p and WUXGA 1920 x 1200
- Connects up to 6 adapters in one system

System Requirements

- Desktop or notebook PC with a single core 1.2 GHz CPU or faster
- An available USB 2.0/3.0 port
- Windows[®] 10 (32-/64-bit) / 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP SP3 (32-bit)
- Mac OS X[®] v10.4 to v10.11 (Intel-based Apple computers only)

Package Contents

- *USB 2.0 to DVI/VGA Pro*
- DVI-I to VGA adapter
- USB Cable (Type A to B)
- Driver CD & installation guide

Layout



Figure 1: Layout

Windows Software Installation

Make sure the proper driver for your graphics card is installed, the *USB 2.0 to DVI/VGA Pro* is not designed to work with Windows' **Standard VGA Graphics Adapter** driver.

Important: Do not plug the *USB 2.0 to DVI/VGA Pro* into the computer until instructed to do so.

1. Insert the driver CD. A pop-up window AutoPlay will show up. If not, browse the CD manually.

2. For Windows 10 / 8/ 7: Run **Setup.exe**.
For Windows Vista / XP: Choose the folder according to your OS and run **Setup.exe**.
3. Click **Yes** at the **User Account Control** window. Skip this step if not prompted.
4. **DisplayLink Graphics** window appears, and select **Install** at "system check" stage.
5. At "First connect" stage, connect your second monitor to the *USB 2.0 to DVI/VGA Pro* and turn it on.
6. Connect the *USB 2.0 to DVI/VGA Pro* to the computer using the included USB cable. When it is detected, the Final Setup will run automatically.
7. Once the Final Setup is done, an "Installation complete" message shows, at that time select **Finish**.
8. Restart the computer and it is ready for use.

To Verify Windows Installation

1. Go to Device Manager to verify installation.
For Window 10 / 8 / 7 / XP: Right click **This PC, Computer** or **My Computer**, click

Manage, then click **Device Manager**.

For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.

2. Double click **USB Display Adapters**, a **AN2240D3** should be displayed.

Uninstalling the Adapter Driver

Windows 10 / 8 / 7

1. Double click **Control Panel** on desktop, or click **Start, Control Panel**.
2. Click **Programs**, then click **Programs and Features**.
3. Select **DisplayLink Graphics**, then click **Uninstall**.
4. Click **Yes, Yes**, then click **OK**.
5. Click **Yes** to complete the uninstallation.

Windows Vista

1. Click **Start, Control Panel**.
2. Click **Classic View**, double click **Programs and Features**.
3. Select **DisplayLink Graphics**, then click **Uninstall**, then click **Yes**.

4. Click **Allow**, then click **Yes** to complete.

Windows XP

1. Click **Start, Control Panel**.
2. Double click **Add/Remove Programs**.
3. Select **DisplayLink Graphics**, click **Remove**, then click **Yes**.
4. Click **Yes** to complete uninstalling the driver.

Windows Display Utility

After successful driver installation a **AN2240D3 Adapter** utility icon  will appear in the taskbar. This display utility allows you to quickly change the viewing modes and resolutions. Access the utility by clicking the icon.

Viewing Modes

- **Screen Resolution:** Displays a list of available resolutions.
- **Screen Rotation:**
 - Normal* - No rotation is applied.
 - Rotated Left* - Rotates the extended or mirrored display by 270 degrees.
 - Rotated Right* - Rotates the extended or

mirrored display by 90 degrees.

Upside-Down - Rotates the extended or mirrored display by 180 degrees.

- **Extend to:**

Right - Extends the display to the right of the main display.

Left - Extends the display to the left of the main display.

Above - Extends the display above of the main display.

Below - Extends the display below the main display.

- **Extend** (default): This mode extends your desktop for easy viewing of multiple windows. Windows will move off the primary display from the right side and enter the extended display from the left.
- **Set as Main Monitor:** This mode, makes the *USB 2.0 to DVI/VGA Pro* the main display adapter in the system.
- **Mirror:** You will see the same image on both monitors.
- **Off:** Turns off the connected monitor

- **Fit to TV:** Adjust the size of the Windows desktop when the Windows desktop does not completely appear on the TV.

Using Windows Display Properties (WDP)

Note: Not all the WDP functions are available in Windows Vista.

Instead of using the **AN2240D3** utility, you can use the embedded Windows Display Properties (WDP) to do the basic setting. WDP allows you to rotate, duplicate or extend screens as well as modify screen resolution.

Position the mouse anywhere on the Windows Desktop,

For Windows 10: Right click and select **Display settings**.

For Windows 8 / Windows 7: Right click and select Screen Resolution.

For Windows Vista: Right click and select **Personalize**, then click **Display Settings**.

For Windows XP: Right click then select **Properties**.

- **Display:** Use the drop down list to select a display to be configured.
- **Resolution:** Use the drop down list and user the slider to choose a resolution.
- **Orientation:**
 - Landscape* - Sets the display to landscape view.
 - Portrait* - Sets the display to portrait mode.
 - Landscape (flipped)* - Sets the display to upside down landscape mode.
 - Portrait (flipped)* - Sets the display to upside down landscape mode.
- **Multiple displays:**
 - Duplicates these displays* - Reproduces the main display on the second display.
 - Extend these displays* - Extends the main display onto the secondary display.
 - Show (Desktop) only on 1* - The display marked 2 becomes blank.
 - Shows (Desktop) only on 2* - The desktop appears on the display marked 2. The display marked 1 becomes blank.

- **Make this my main display:** Check the box and you will make your *USB 2.0 to DVI/VGA Pro* the main display adapter in the system.
Make sure the secondary monitor is selected before choosing this option.
- **Display Positions:** To move the position of a display, click and hold the display you wish to move then drag it to the desired position. The display will be highlighted with a blue border while you are moving the display to its new position.

Mac OS Driver Installation

1. Connect your second monitor to the *USB 2.0 to DVI/VGA Pro* and turn it on, then plug the *USB 2.0 to DVI/VGA Pro* into the computer.
2. Insert the driver CD, then double click **Driver** CD icon on the Desktop.
3. Choose the Mac folder according to your OS.
4. Double click **DisplayLink_Mac_OS....dmg**

5. At the DisplayLink Installer, double click **DisplayLink Software Installer.pkg**.
6. At the Introduction, click **Continue** for one to two times.
7. At the License, click **Continue**, and **Agree**.
8. At the Select Destination, click **Continue**. Skip this step if not prompted.
9. At the Installation Type, click **Change Install Location** if you want to change the default saving folder; otherwise, click **Install** and **Continue Installation**.
10. Type in Name and Password, click **OK** or **Install Software**.
11. Click **Restart** to complete the installation.

To Verify Driver Installation

1. Click the Apple logo from the top menu bar.
2. Click **About this Mac, More Info..., System Report**.
3. Under Software/Extensions, **DisplayLink Driver** will be displayed.

To Uninstall the Driver

1. Insert the driver CD, then double click **Driver** CD icon on the Desktop.
2. Choose the Mac folder according to your OS.
3. Doubleclick **DisplayLink_Mac_OS_....dmg**.
4. Double click **DisplayLink Software Uninstaller**, then click **Uninstall**.
5. Type in your system password, click **OK**.
6. Click **Restart** to complete the uninstallation.

Mac Display Utility

Click the utility icon in the taskbar to change the modes or resolutions, or double click **System Preference**, click the Display icon, then select the **Arrangement** pane.

Setting the Display Resolutions

Select an available resolution from the Display Preferences window. The resolutions available depend on both the *USB 2.0 to DVI/VGA Pro* enabled product and the capabilities of the connected display.

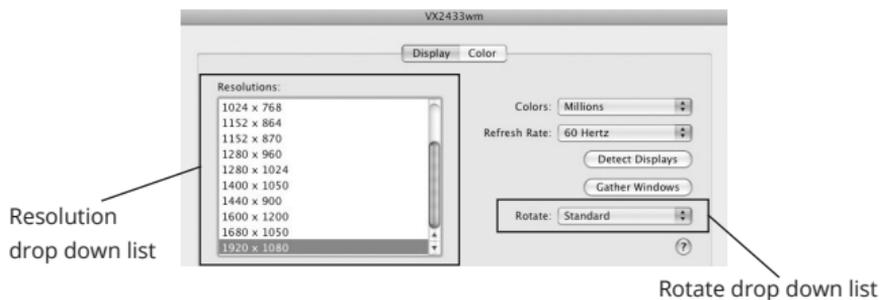


Figure 2

Rotating a Display

Configure the orientation using the **Rotate** drop down, see **Figure 2**. Select the appropriate angle of rotation to match your display's set up.

Setting the Display to Mirror/Extend Mode

Check **Mirror Displays** box on the **Arrangement** pane to enable the mirror mode. Uncheck the box to set the display to extend mode.

Change the main display by simply dragging the white menu bar between the displays.

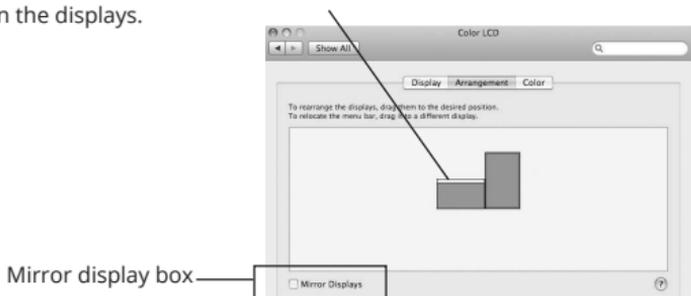


Figure 3

Changing the Main Display

As **Figure 3**, you can change the main display by moving the Menu Bar between displays. Changing the main display affects where new windows appear and the position of the Dock.

Frequently Asked Questions

Q1: Why won't my DVD player work when I move it over to the extended display?

A1: Some DVD playback software packages do not support playing on a second display.

- Q2: Why won't my video play on Media Player if I move it over to the extended desktop?
- A2: Check that you have moved the Media Player window completely over to the extended screen.
- Q3: There are lines running horizontally up and down my screen or the screen is distorted.
- A3: This is due to a low or unsupported refresh rate setting. You can change this in **Display Properties/Settings/Advanced/Monitor**. Make sure you select the *USB 2.0 to DVI/VGA Pro* and not set the refresh rate higher than what your monitor can support.
- Q4: Why can't I make the *USB 2.0 to DVI/VGA Pro* the primary display?
- A4: Some video cards ship their product with a utility that prevents other video cards from being set as the primary video card. Check the bottom right hand corner of the taskbar for the utility. Disable the utility before switching the *USB 2.0 to DVI/VGA Pro* adapter to be the primary display.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at *www.siig.com* and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 5-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for five (5) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

Step 1: Submit your RMA request. Go to www.siig.com, click **REQUEST A PRODUCT REPLACEMENT**, then **RMA** to submit a request to [SIIG RMA](#). Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME
USB 2.0 to DVI/VGA Pro

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

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