USB 2.0 to DVI/VGA
Quick Installation Guide

Introduction

The *USB 2.0 to DVI/VGA* allows you to connect a monitor, LCD or projector to your desktop or notebook PC and use it as an extended desktop or as an additional larger/different display for your main screen.

Features and Benefits

- Supports VGA monitors with the included DVI to VGA adapter
- Compliant with USB Specification, revision 2.0
- Multiple display functionality: primary, extended, mirror and rotation

Serial Number Sticker

For future product return or exchange, this serial number is required. Please keep it for your reference.

Serial Number   **Part Number**

System Requirements
- Pentium 4 1.5 GHz or equivalent PC
- An available USB 2.0 port
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / Server 2008 R2 / 2000

Package Contents
- *USB 2.0* to *DVI/VGA*
- DVI to VGA adapter
- USB cable
- Driver CD & quick installation guide

Layout

USB port

Link LED

DVI port

Figure 1: USB 2.0 to DVI/VGA

Driver Installation

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

> **Warning**: **DO NOT** plug your *USB 2.0 to DVI/VGA* adapter into your computer's USB port until instructed to do so. The driver installation will fail if the adapter is plugged in prematurely.

Windows 8 (32-/64-bit)

1. Insert the driver CD. Close the CD autoplay box if prompted.
2. Click **Windows key** and **R**, type **D:\setup.exe**, click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)
3. At User Account Controls, click **Yes**.
4. Click **Next**, select **I accept the terms of the license agreement**, click **Next**.
5. The install wizard will copy the drivers and configure your system. Do not interrupt this process.

6. Select **Yes, I want to restart my computer now**, then click **Finish**.

7. Connect your second monitor to the *USB 2.0 to DVI/VGA* and turn it on.

8. When Windows resumes, plug the *USB 2.0 to DVI/VGA* into the computer, the driver will install automatically.

Windows 7 (32-/64-bit) / Server 2008 R2

1. Insert the driver CD.

2. *At the AutoPlay box*: Click **Open folder to view files**, then double click **Setup**.
   If AutoPlay doesn't start: Click **Start**, in the **Search programs and files** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)

3. At User Account Controls, click **Yes**. For 2008 R2, skip this step.

4. Click **Next**, select **I accept the terms of the license agreement**, click **Next**.

5. The install wizard will copy the drivers and configure your system. Do not interrupt this process.

6. Select **Yes, I want to restart my computer now**, then click **Finish**. This step could take several minutes to appear.

7. Connect your second monitor to the *USB 2.0 to DVI/VGA* and turn it on.

8. When Windows resumes, plug the *USB 2.0 to DVI/VGA* into the computer, the driver will install automatically.

Windows Vista (32-/64-bit) / Server 2008 (32-/64-bit)

1. Insert the driver CD.

2. *At the AutoPlay box*: Double click **Setup**.
    If AutoPlay doesn't start: Click **Start**, in the **Start Search** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)

3. At User Account Controls, click **Continue**. For Server 2008, skip this step.

4. Click **Next**, select **I accept the terms of the license agreement**, click **Next**.

5. Click **Install** at the Windows Security up to three times. Skip this step if not prompted.

6. Click **Finish**.

7. Connect your second monitor to the *USB 2.0 to DVI/VGA* and turn it on, then plug the *USB 2.0 to DVI/VGA* into the computer.

8. Click **Install** at the Windows Security up to two times. Skip this step if not prompted.

9. Restart Windows to complete installation.

Windows XP (32-/64-bit) / Server 2003 (32-/64-bit)

1. Insert the driver CD. Click **Start**, then **Run**. Type **D:\setup.exe**, click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)

2. Click **Next**, select **I accept the terms of the license agreement**, then click **Next**.

3. Click **Continue Anyway** up to three times.

4. At InstallShield Wizard Complete, click **Finish**.

5. Connect your second monitor to the *USB 2.0 to DVI/VGA* and turn it on, then plug the *USB 2.0 to DVI/VGA* into the computer.

6. At the Found New Hardware, select **No, not this time**, then click **Next**. Skip this step if not prompted.

7. Select **Install the Software Automatically**, then click **Next**.

8. Click **Continue Anyway** at Hardware Installation. Skip this step if not prompted.

9. At the Found New Hardware, click **Finish**, then restart the computer.

Windows 2000

Important: Go to SIIG's website and download the Windows 2000 driver at the link provided below. Then follow the steps to install the driver.
HTTP://www.siig.com/media/files/drivers/0009/setup.exe

1. After saving the downloaded file to your system, double click on the **setup.exe** to start the driver installation.

2. Click **Next**, select **I accept the terms of the license agreement**, click **Next**, then click **Finish**.

3. Connect your second monitor to the *USB 2.0 to DVI/VGA* and turn it on.

4. Plug the *USB 2.0 to DVI/VGA* to the computer and the drivers will install automatically.

5. Restart Windows to complete the installation.

To Verify Windows Installation

1. From the desktop, right click **Computer** or **My Computer**, then click **Manage**.

   For Windows 8 / 7 / XP / Server 2003 / 2000: Click **Device Manager**.

   For Windows Vista: Click **Continue**, then click **Device Manager**.

   For Windows Server 2008 / 2008 R2: Double click **Diagnostics**, then click **Device Manager**.

2. Double click **Universal Serial Bus controllers**, **USB Display Device (T1P)** should be displayed.

Display Utility

After successful driver installation either **Super Utility** 🖥 or **USB Display Device** icon 🖥 will appear in the taskbar by the system clock. This utility allows you to change the viewing modes and resolutions for the *USB 2.0* to *DVI/VGA*. Access the menu by right clicking the icon.

Super Utility Icon (Windows 8 / 7 / 2008R2)
Display Settings

- **Duplicate these displays**: In this setting, the *USB 2.0* to *DVI/VGA* will mirror your desktop. You will see the same image on both displays.
- **Extend these displays**: This setting extends your desktop for easy viewing of multiple windows. Windows will move off the primary display and enter the extended display.

> **Note**: To match the physical arrangement of your displays drag the monitor icons into the appropriate position. See **Figure 2: Monitor Orientation.**
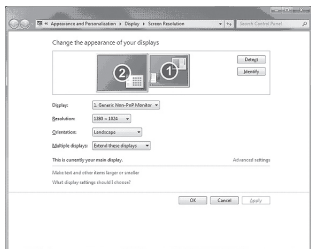
Figure 2: Monitor Orientation

- **Make this my main display**: This setting is active when using your monitors in **extended** mode only. Before selecting this option, enable **Auto Arrange*** (*right click anywhere on the desktop, click **View**, click **Auto Arrange***) to allow your desktop icons to move to the new main display.

  > ***Warning**: Without this setting, you will need to drag-n-drop your desktop icons to the new main display.

- **Show desktop only on 1**: This setting turns on display 1 and turns off all other displays.
- **Show desktop only on 2**: This setting turns on display 2 and turns off all other displays.

USB Display Device Icon (Vista / XP / 2003 / 2008 / 2000)

Access the utility by right clicking on the **Super Utility** 🖳 or **USB Display Device** 🖥 icon located on the taskbar by the clock. (USB Display Device is recommended.)

Viewing Modes

- **Mirror**: In this mode, the *USB 2.0 to DVI/ VGA* will mirror your desktop. You will see the same image on both displays.
- **Extended**: This mode extends your desktop for easy viewing of multiple windows. Windows will move off the primary display and enter the extended display. To match the physical arrangement of your displays see **Figure 4: Monitor Orientation** on page 13.
- **Off**: This setting turns off the *USB 2.0 to DVI/VGA* adapter.
- **Primary**: This mode makes the *USB 2.0 to DVI/VGA* the main display adapter in the system and the system's main display will be the extended display*.

*Note: For systems with the main display turned off, click on the **Display Settings** option of the USB Display Device icon. Select the main display icon (#1) and check **Extend the desktop onto this monitor**. See Figure 3 below.
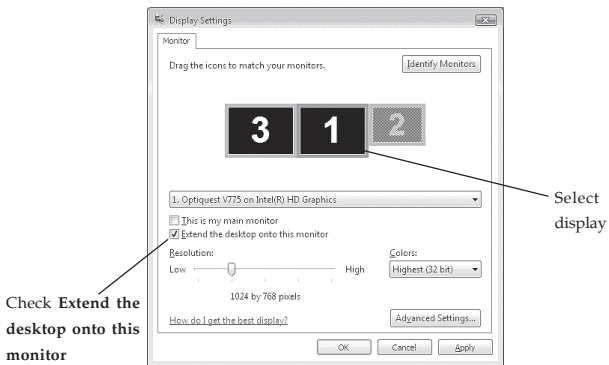

Check **Extend the desktop onto this monitor**

Select display

Figure 3: Extend the Desktop onto this monitor

Monitor Orientation

Drag the monitor icons to match the physical arrangement of your monitor. In Windows 2000 click the **Settings** tab to display this screen.

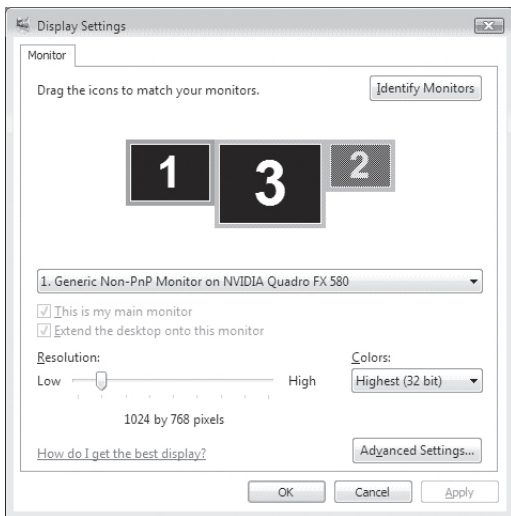> **Note**: this feature is disabled in Mirror mode.

Figure 4: Changing the Monitor Orientation

Frequently Asked Questions

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

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

Q2: There are lines running up and down my screen or the screen is distorted

A2: This is due to a low or unsupported refresh rate. You can change this in **Display Properties/Settings/Advanced/Monitor**. Make sure you select the *USB to DVI/VGA* and not set the refresh rate higher than what your monitor can support.

Q3: Why can't I make the *USB to DVI/VGA* the primary display?

A3: Some video cards ship their product with a utility that prevents other video adapters 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 to DVI/VGA* 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 **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to SIIG RMA or fax a request to 510-657-5962. 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

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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