

USB to VGA

USB 2.0 to VGA Dual Display Adapter

USB2VGA

Instruction Manual



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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

Thank you for purchasing a USB 2.0 to VGA adapter. This adapter allows you to connect any CRT monitor, LCD monitor, or projector to your PC or notebook, making it the perfect solution for extending your desktop, or adding an extra display.

Features

- Supports resolutions up to 1280 x 1024
- Lightweight, portable design
- Simple, plug and play installation

Before You Begin

System Requirements

- Windows 2000/XP operating system
- An available USB 2.0 port
- Two VGA compatible monitors/displays

Contents

This package should contain:

- USB 2.0 to VGA adapter (1)
- Drivers CD (1)
- User manual

Installation

Note: Please ensure that driver installation is complete prior to the physical installation of the USB 2.0 to VGA adapter.

1. Insert the drivers CD into your CD/DVD-ROM drive.
2. If the installation program does not begin automatically, locate the **Setup.exe** application. This file will be located in the root directory of the Drivers CD.
3. Executing the **Setup.exe** application will launch the following screen:

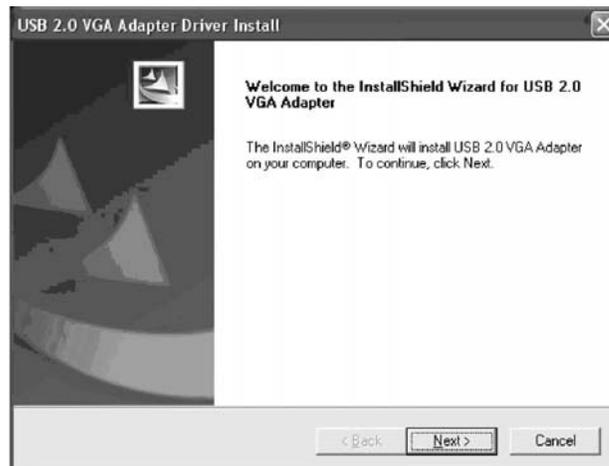


Illustration 1-1

4. Click on **Next** to advance to the following screen. Once you have read the listed text, click on **Next**.

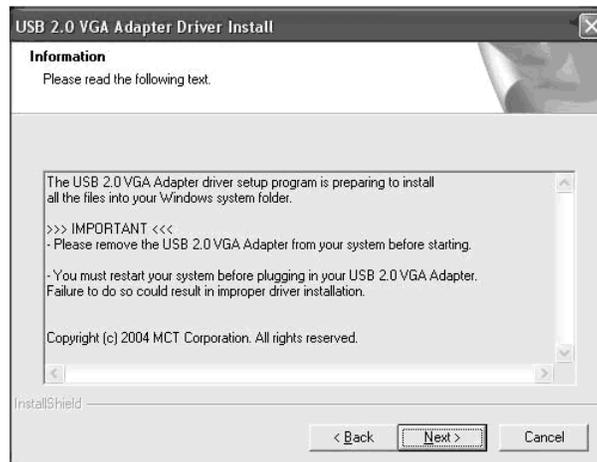


Illustration 1-2

5. Once the drivers installation is complete, you will reach the following screen. Select **Yes, I want to restart my computer now**, and click on **Finish**.



Illustration 1-3

6. Once your computer has completely restarted, you should notice the USB 2.0 to VGA utility in the system tray as illustrated below. Software installation is now complete.



Illustration 1-4

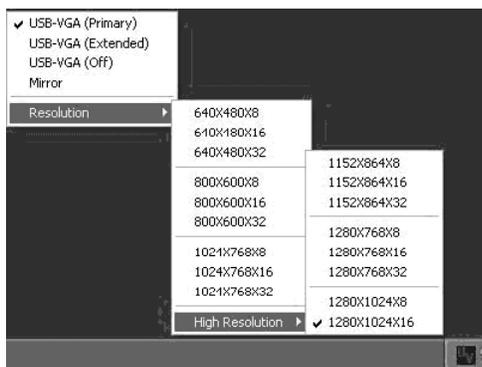
7. Plug the power cord from the secondary monitor into a nearby power socket. Turn on the secondary monitor.
8. Connect the VGA cord running from the secondary monitor to the adapter.
8. Plug the USB connection from the adapter into an available USB 2.0 port.
6. The secondary monitor should now be ready to use.

Configuring the USB 2.0 to VGA Adapter

Once the driver and adapter have been installed, an icon will appear in the system tray as shown in **Illustration 1-4**. This utility allows you to quickly change the settings and resolution for your USB 2.0 VGA Adapter.

Selecting **USB-VGA (Primary)**, will set the secondary display adapter as the main display adapter in the system. The system's primary adapter (and monitor) will automatically switch to act as the extended desktop.

Please Note: Some display utilities and drivers that ship with AGP and built-in display adapters will prevent this option from working on some systems. For the **USB-VGA (Primary)** setting to take effect, you must first disable the original display utility (typically located in the system tray).



USB-VGA

Illustration 1-5

USB-VGA (Extended)

This setting will extend your desktop from your original monitor onto the secondary desktop.

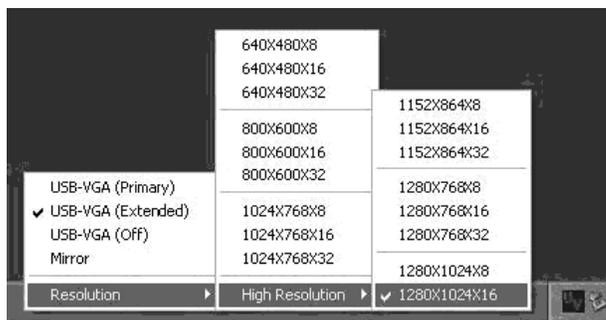


Illustration 1-6

Mirror

This setting will mirror the image from your original desktop onto the secondary desktop.

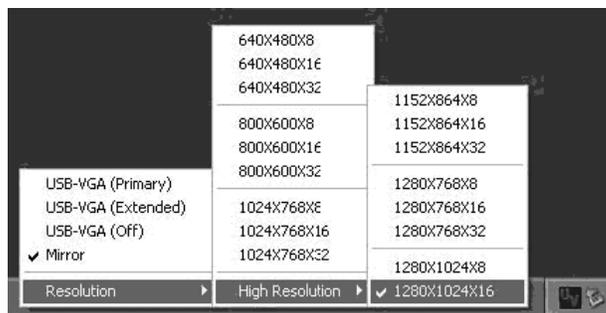


Illustration 1-7

USB-VGA (Off)

This option disables the USB 2.0 VGA Adapter on the system, leaving the original display.

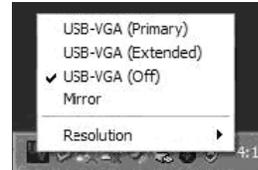


Illustration 1-8

USB 2.0 to VGA Adapter Properties

1. To access the **Display Properties** for the USB 2.0 VGA Adapter, open the **Control Panel**, and double-click on the **Display** icon.
2. Select the **Settings** tab.
3. Click on the **Display** drop-down menu, and select the **USB 2.0 VGA DEVICE (DISPLAY)** as illustrated below:

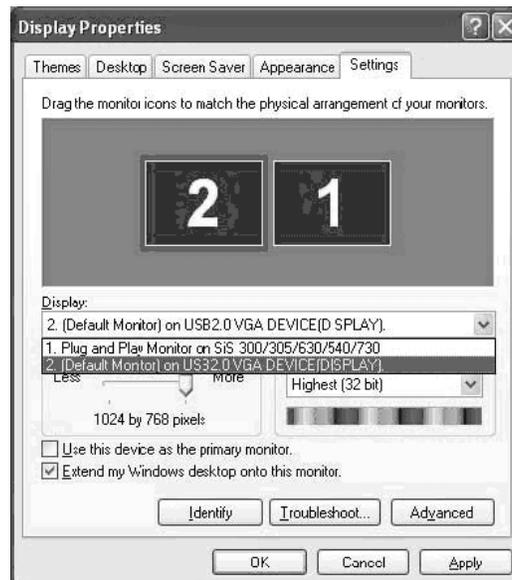


Illustration 1-9

4. From here, you can change the resolution and color depth as desired. Once the desired changes have been made, click on **OK** to apply the settings.

Virtually Repositioning your displays

On the settings tab of your **Display Properties**, click and drag the appropriate monitor icon (labelled 1 or 2) to the desired position. For example, the secondary display can be dragged to the left of the primary display, allowing it to be positioned virtually on the left. Click **OK** or **Apply** to save the changes.

Troubleshooting

The USB 2.0 to VGA Adapter can't be set as the primary display

Some video card manufacturers ship their product with a utility that prevents other video cards from being set as the primary card. Please check the system tray for an icon representing this utility, and if possible, please disable the utility prior to switching to the USB 2.0 to VGA adapter as the primary display.

My DVD player will not work when I move the image to the extended display

Some DVD playback software does not support playing video on a second adapter of any kind. Please refer to the documentation that was included with your DVD playback software for further information.

Video will not display using Windows Media Player on the extended desktop

Please ensure that you have moved the Media Player window completely over to the second screen.

The mouse pointer will not move past the right side of the primary screen

Check the display settings and make sure that **Display #2** is on the right side of **Display #1**. You can rearrange how Windows treats each display in relation to each other in the **Display Properties Settings**.

There are horizontal lines covering the displayed image

This is due to a low refresh rate setting. You can change this in: **Display Properties, Settings, Advanced, Monitor**. Make sure that you have selected the USB 2.0 VGA Device first, and do not exceed the refresh rate limitations of the monitor. Resetting, or resynchronizing the monitor may also help. For further details on how to reset or resynchronize your monitor, please refer to the documentation that was included with your monitor purchase.

I am unable to use applications that require Direct3D on the USB 2.0 VGA adapter

Currently, the drivers that support the USB 2.0 VGA adapter do not support Direct3D. Please check for driver updates in the future, for added support. If your application requires Direct3D, please use the main display adapter.

Specifications

Operating systems supported	Windows 2000/XP
Chipset	PLX Netchip Net2280
Certifications (Regulatory and other)	FCC, CE, ROHS
Bus Type	USB
Connectors	USB Type 'A' x 1 HD15 Female x 1
Maximum Data Transfer Rate	480 Mbits/sec
Support Resolution:	Color Quality (bits)
1280 x 1024	8, 16
1280 x 768	8, 16, 32
1152 x 864	8, 16, 32
1024 x 768	8, 16, 32
800 x 600	8, 16, 32
640 x 480	8, 16, 32

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