USB 3.0 to 4K HDMI Adapter

User's Manual



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Before attempting to connect, operate or adjust this product, please save and read the User's Manual completely. The style of the product shown in this User's Manual may be different from the actual unit due to various models.

Safety Instructions

Always read the safety instructions carefully:

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been exposed to moisture.
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or cannot get it to work according to the User's Manual.

Copyright

This document contains proprietary information protected by copyright. All right are reserved. No part of this manual may be reproduced by any mechanical, electronic or other means, in any form, without prior written permission of the manufacturer.

Trademarks

All trademarks and registered trademarks are the property of their respective owners or companies.

Regulatory Compliance

FCC Conditions

This equipment has been tested and found to comply with Part 15 Class B of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received and include interference that may cause undesired operation.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users: According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

Introduction

The USB 3.0 to 4K HDMI Adapter is a device which enables connection to 4K Ultra HD display device to a computer using USB 3.0 port. It will make your legacy PC with old graphics card to support 4K resolution easily. Besides, with this convenient design, it can connect up to 6 display devices to a computer without installing extra video cards. Simply install the driver, and plug in the USB adapter, the connected monitor will be enabled without the need to reboot the operating system.

System performance is an important issue when using multiple monitors. Another benefit of this adapter is that it occupies little computer resource; ensuring users get quality display without comprising computer performance.

- *Incorporates HDMI® technology.*

Features

- Supports High Resolution up to 3840x2160 Pixels
- Backwards compatible with HD/Legacy monitors
- Access to 4K Ultra HD displays for legacy PCs
- Supports up to 6 USB display simultaneously
- Supports Extend and Mirror mode
- USB bus-powered

Package Contents

- USB 3.0 to 4K HDMI Adapter x1
- USB Cable x1
- CD (Driver and User's Manual) x1
- Quick Installation Guide x1

System Requirements

- Operating Systems:
  Windows® 7/ Windows® 8/ Windows® 8.1

Product Overview



- Micro USB connector: Connect to an available USB connector on a computer.
- HDMI connector: Connect to a desired HDMI device, including 4K Ultra HD display monitor. To connect different types of monitors, you may need a converter.

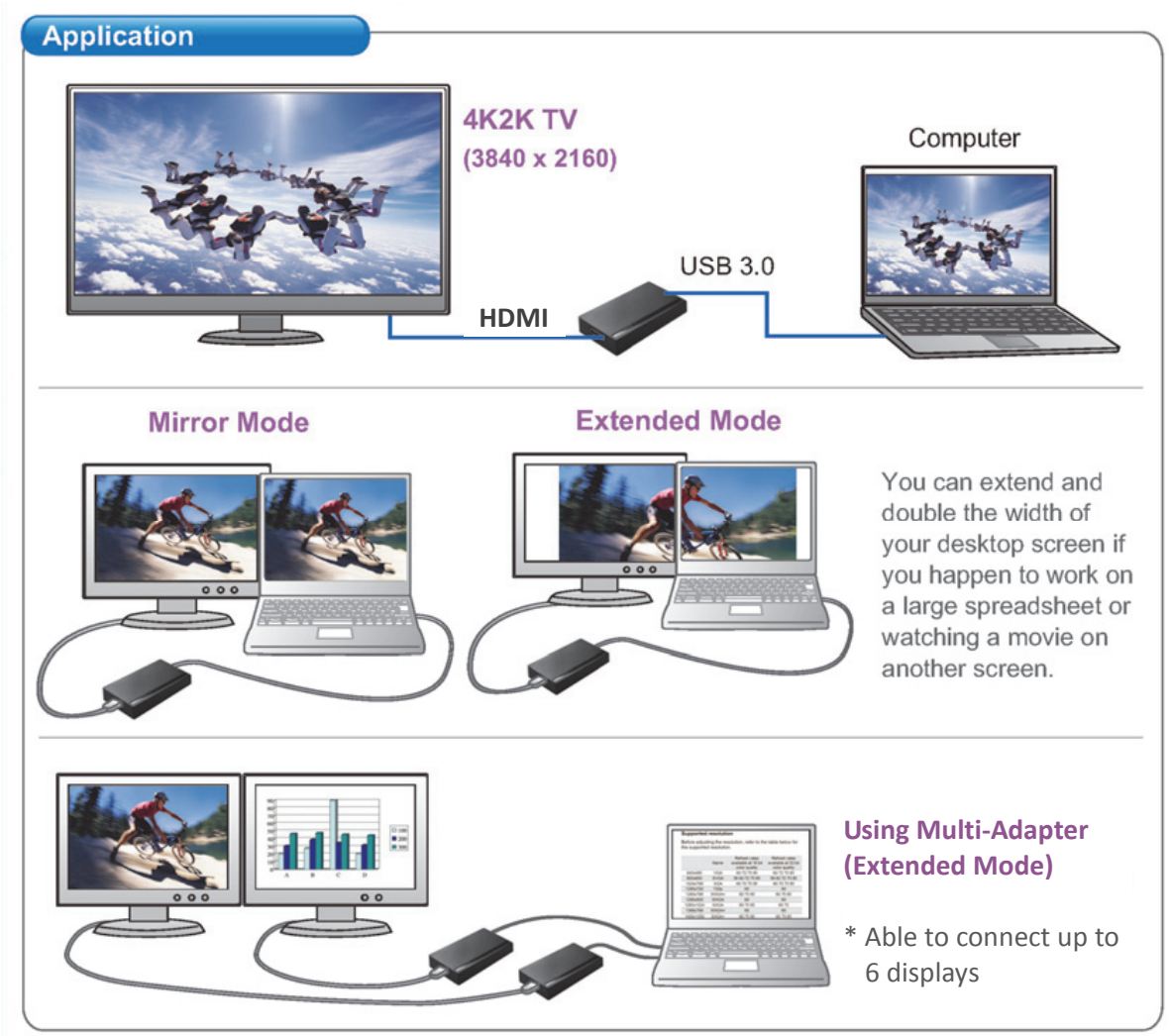
Specification

Connector	Host Interface	USB 3.0
	Video Output	HDMI Connector
	Host Upstream Link	USB 3.0 Micro B Type Connector
Connectivity		Up to 6 adapters on a computer
Power	Power Mode	Bus-powered
	Power Consumption	Operating Mode: 370mA approx.
Video	Resolution	640x480 720x400 720x480 768x576 800x600 832x624 800x480 848x480 1024x600 1024x768 1152x864 1152x870 1280x720 1280x768 1280x800 1280x960 1280x1024 1360x768 1366x768 1368x768 1400x1050 1440x900 1600x900 1600x1200 1680x1050 1920x1080 1920x1200 2048x1080 2048x1152 2048x1280 2048x1536 2560x1440 2560x1600 3840x2160 Note that interlaced modes and reduced blanking modes are not supported.

	Supported Display Mode	Extended Desktop (Default), Mirrored Desktop, Primary Display
Supported Operating System		Windows® 7, Windows® 8, Windows® 8.1
Physical Properties	Housing	ABS (Plastic)
	Color	Black
	Dimension	75.5 (L) x 44 (W) x13.9 (H) mm
	Weight	30.2 g
Working Environment	Operation Temperature	10~40 degree
	Storage Temperature	-20~70 degree
Compliance		CE, FCC

Connection

Make sure the device (Desktop, Laptop…) is HDMI embedded or bundled any adapter/connector with HDMI.



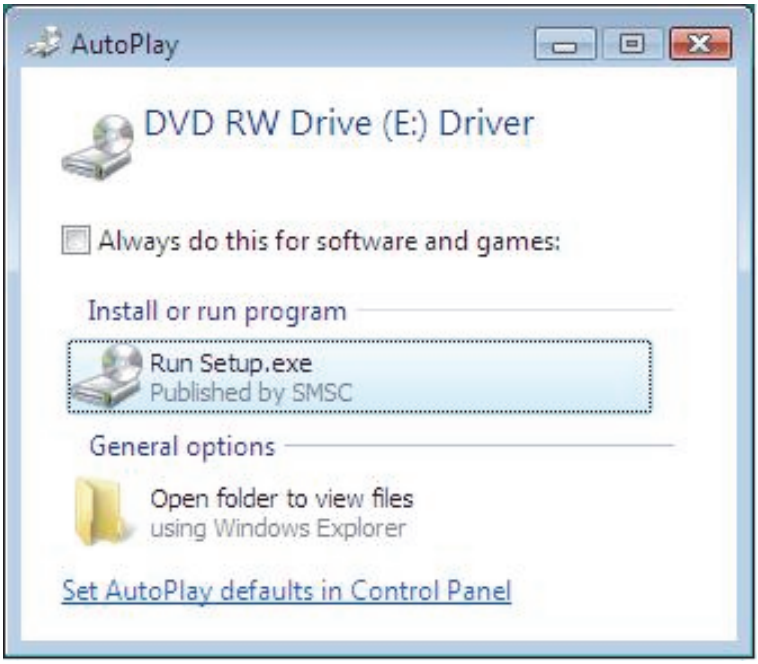
Installation

Caution: DO NOT connect the adapter to a computer before installing the provided driver.

Note that the screenshots on this user's manual may vary slightly from each operating system.

Windows® 7/ Windows® 8/ Windows® 8.1

1. Insert the provided CD into your disc drive.
2. Click **Run Setup.exe** to start the installation.

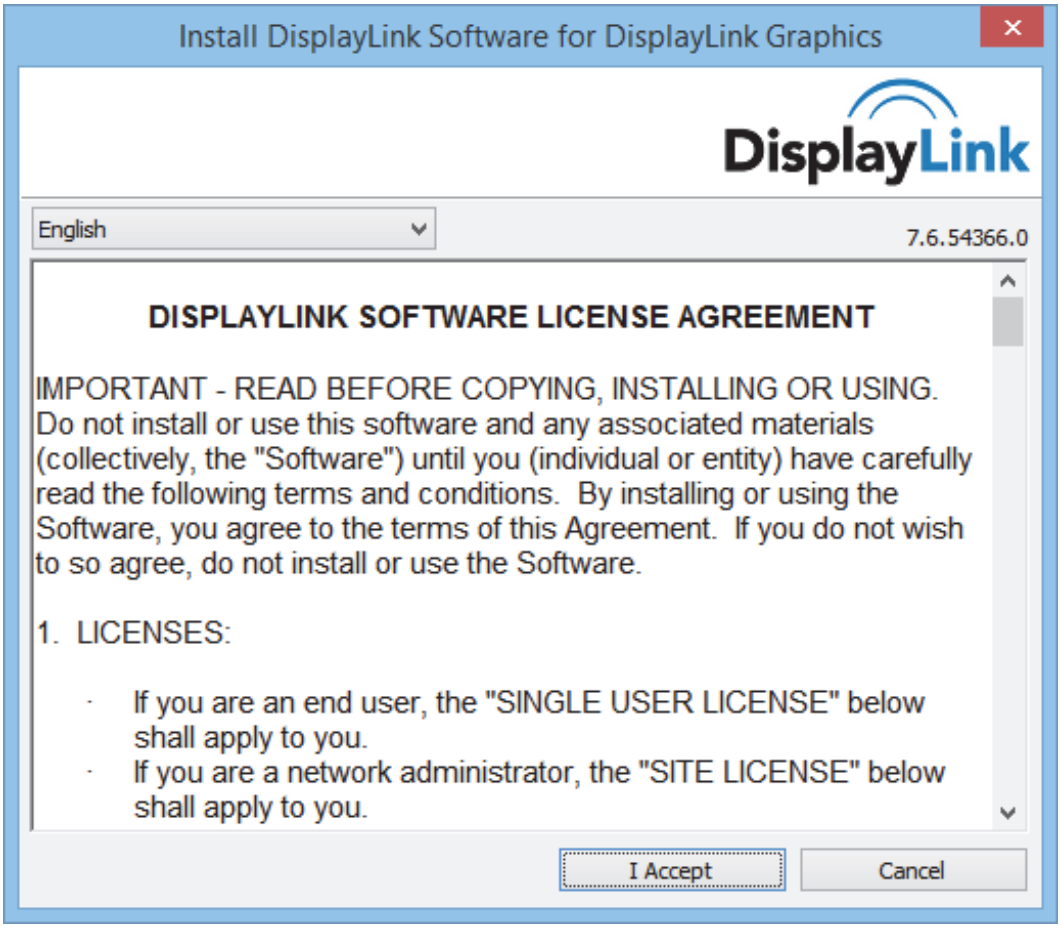


NOTE:

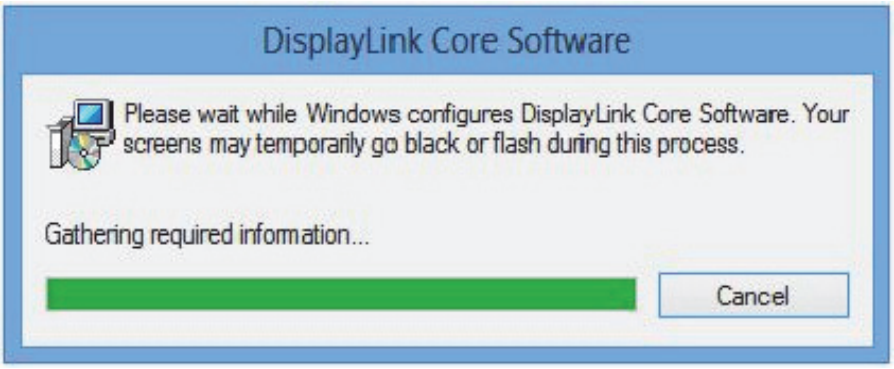
If the **AutoPlay** does not appear automatically, locate and double-click on the **Setup.exe** file in the driver folder to launch the setup.

Enter the administrator password and then click **Yes** to start the installation if a **User Account Control** dialog box appears.

3. Click **I Accept** for the next step.



4. Be patient with the installation procedure.



5. Connect the adapter to a computer after the driver installation is completed. For connection details, refer to the chapter of **Connection**.

6. When the operating system detects the adapter, the reminder message will appear on the system tray.

Verifying the installation

To verify the driver of the adapter, follow the step below.

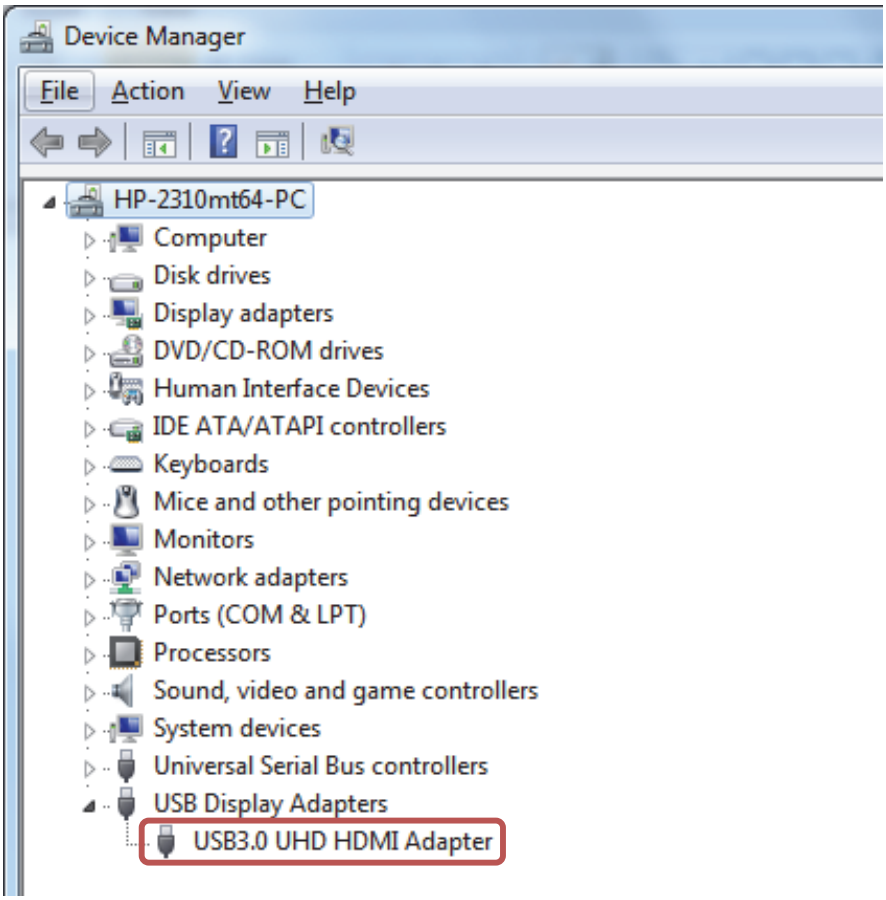
1. Following the path to open the device manager.

   Windows® 7:
   Control Panel\ System and Security\ Systems\ Device manager

Windows® 8/ Windows® 8.1:

Settings\ Control Panel\ System and Security\ System\ Device manager

2. You will find **DisplayLink Adapter** device listed as below.



NOTE:

If you cannot find the driver in the list, the driver may not be properly installed. Please delete the item, unplug the adapter and repeat the installation steps.

Display configuration

NOTE: The following screenshots in this section are using Windows® 7 operating system. It may not match your operating system but the definitions of buttons, tabs and menus are the same.

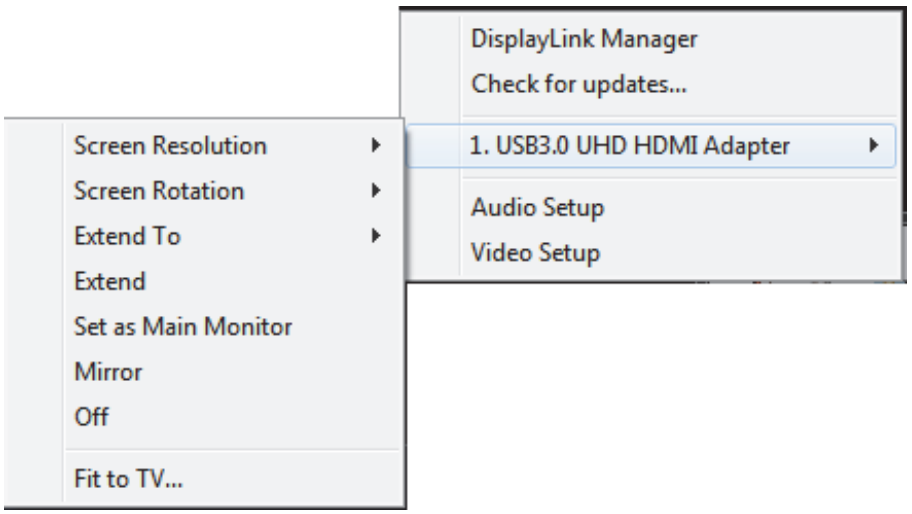
Utility settings

The supplied utility allows configuring the display mode, screen rotation, screen resolution, and physical arrangement of your monitors.

1. Click utility icon in **Windows System Tray**.

   NOTE: If you cannot find the icon in **Windows System Tray**, click arrow icon to bring up icon list to find it.

2. Select a preferred option, and then click it using mouse.



Description of the settings

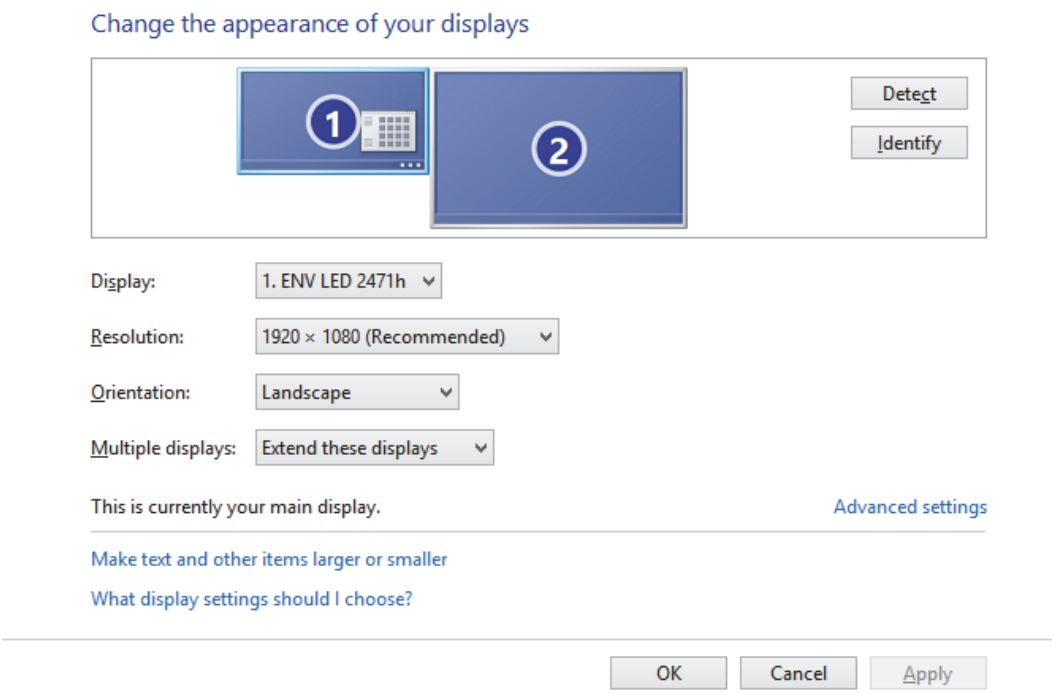
Options	Description
Displaylink manager	Enable the Windows screen resolution page
Check for updates	Check the latest driver and download if available
Audio Setup	Enable the Windows audio configuration page. This function works only in specific models.
Video Setup	Enable the Windows screen resolution page.
Submenu	
Screen Resolution	Click to select an available resolution. Note that this function is invalid in mirror mode, as the resolution is defined as the resolution of the primary monitor
Screen Rotation	Rotate the screen according to the desired orientation
Extend To	The cursor can extend to desired screen via left/right/above/below way moving
Extend	Extend the screen according to the desired orientation
Set as Main Monitor	Set this screen to the main screen

Mirror	Duplicate the primary monitor to the monitor which connects with the adapter
Off	Turn off the monitor
Fit to TV	Adjust the size of Windows Desktop on the TV **NOTE:** This function works only when one add-on monitor is connected. Besides, this option will also only work in extended mode. The add-on monitor will change to the extended mode if selecting this option while in mirror mode.

Multi-monitor configuration

An extra HDMI monitor can be connected through the adapter directly. Once the extra monitor is connected, it can be configured to use either “mirror mode”, “extended mode” or be the primary display.

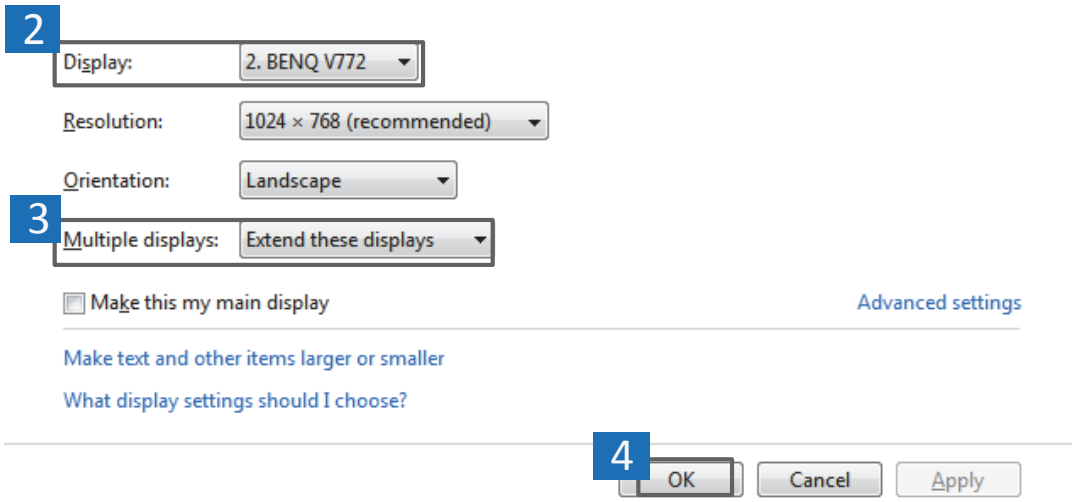
Position the mouse anywhere on the **Windows Desktop**, Right-click and select **Screen Resolution**.



Alternatively, click the utility icon  in the **Windows System Tray**, and then select **Video Setup**.

Extended mode

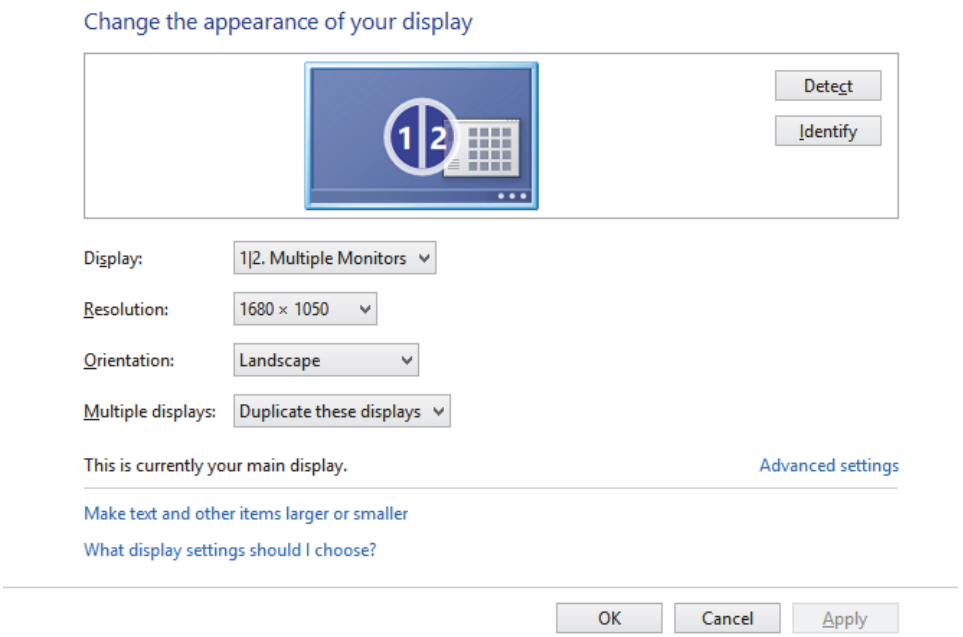
1. Refer to the **Multi-monitor configuration** section to bring up the configuration window.
2. In the **Display** drop-down menu, select the preferred monitor.
3. Select **Multiple Displays** > **Extend these displays**.
4. Click **OK** to confirm and exit.



5. Once the setting is completed, simply drag and drop the application icons or the opened windows to the add-on monitor. However, some applications may not support to display on the extended desktop.

Mirror mode

1. Refer to the **Multi-monitor configuration** section to bring up the configuration window.
2. In the **Display** drop-down menu, select the preferred monitor.
3. Select **Multiple Displays** > **Duplicate these displays**.



4. Click **OK** to confirm and exit.

Set the primary monitor

1. Refer to the **Multi-monitor configuration** section to bring up the configuration window.
2. In the **Display** drop-down menu, select the preferred monitor.
3. Check the box of **Make this my main display**.

NOTE: For some computers, you may need to disable the main display by unchecking the box of **Extend the desktop onto this monitor** or **Extend my Windows desktop onto this monitor**.

4. Click **OK** to confirm and exit.

Windows shortcut

Press Windows button + **P** to bring up the menu as below, and then select a desired option.

This function is available for **Windows® 7 / Windows® 8 / Windows® 8.1**.



Uninstalling the driver

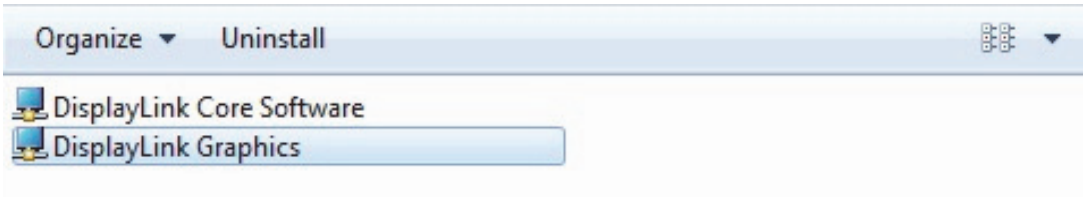
1. Follow the instructions to find the driver path, and then right-click on **DisplayLink Graphics** to uninstall the driver.

   Widnows® 7

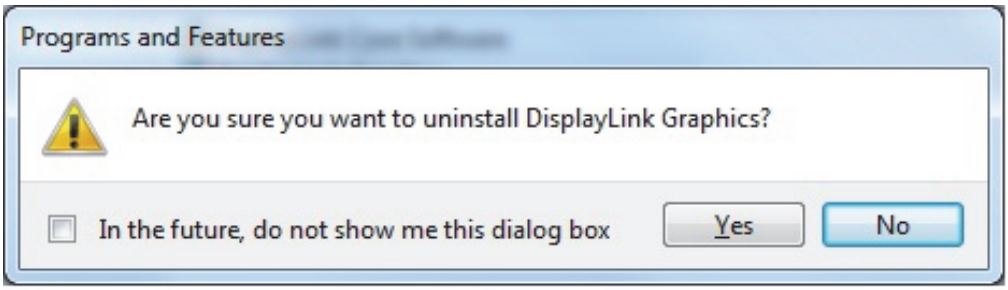
   Control Panel > Programs > Programs and Features > Uninstall or change the program

   Widnows® 8/ Widnows® 8.1

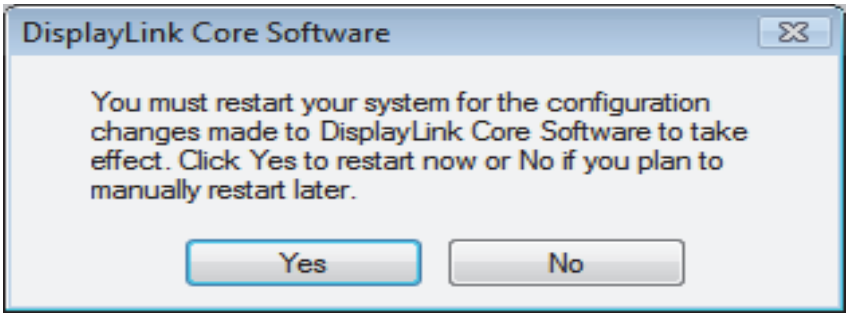
   Settings > Control Panel > Programs > Uninstall a program



2. Click **Yes** to confirm the uninstallation.



3. Click **Yes** to restart your computer. You can also disconnect the video connection now.

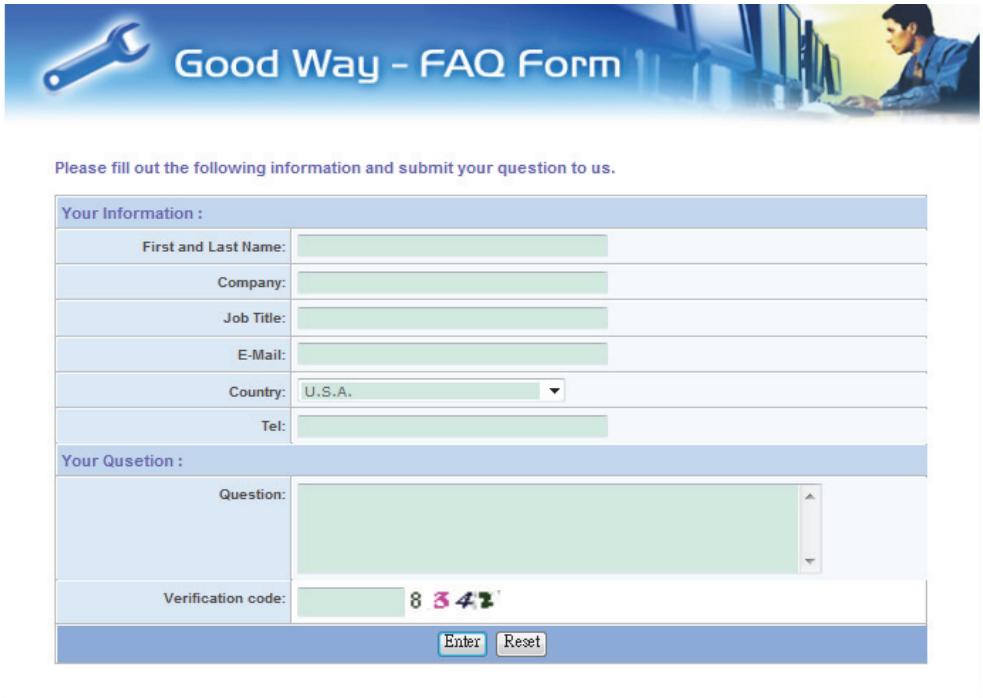


Technical Support

Good Way offers customers diversified products and complete sales services. We look forward to your comments to provide you with better service.

If you have any technical or application issues about our products, please contact us through Good Way FAQ website:
http://www.goodway.com.tw/faq.asp

Simply fill in the required information on the website and submit your question to us. We will reply to you within 48 hours.





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V1.0