# UNIVERSAL DOCKING STATION UDDS-1



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## **Safety Instructions**

Always read the safety instructions carefully

- Keep 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.

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The V7 UDDS docking station is designed for extra connectivity demands. With the docking station, you can extend the connection of your computer with more USB peripherals, Ethernet connection, speaker, and the microphone through one single USB cable.

With the built-in USB 3.0 ports, the docking station enables you to enjoy the super speed data transmission between USB peripherals. Aside from USB 3.0, this product is compliant with USB 1.1/2.0 standard.

In addition, the docking station is equipped with video output. You can mirror your primary screen or extend the desktop allowing visibility of more applications at the same time. Enhanced expansion capability plus the stylish appearance, this docking station with video is the most versatile accessory that also complements your home or office space.

## **Features**

- Compatible with USB 2.0/3.0 specification
- Resolution up to 2048x1152
- 2.1 audio channel connection
- Gigabit Ethernet connection
- HDMI/DVI/VGA connection

## Package contents

- CD (Driver and User's Manual)
- Ouick Installation Guide

## System Requirements

#### The Minimum Requirements

- CPU: 1.6GHz single core or higher processor clock.
  - > Intel Pentium/Celeron family
  - > AMD K6/Athlon/Duron family or compatible processor
- RAM: 1GB or above
- USB port: 2.0/3.0
- 30MB of available disk space
- Operating Systems:
  - > Microsoft: Windows<sup>®</sup> 7 SP1 or later/ Windows<sup>®</sup> 8
  - > Apple: Mac OS X<sup>®</sup> 10.9



ltem		Description			
1	USB 3.0 Port	Connect to USB 3.0 Devices			
2	USB 3.0 Port	Connect to USB 3.0 Devices With BC 1.2 Charging			
3	Speaker Jack	Connect to Speaker or Earphone			
4	MIC Jack	Connect to Microphone			

4 MIC Jack



Item	1	Description				
5	USB 2.0 Ports	Connect to USB 2.0 Devices				
6	RJ45 Port	Connect to Ethernet				
7	DVI Connector	Connect to a DVI Monitor or Projector				
8	HDMI Connector	Connect to a HDMI monitor or projector				
9	USB 3.0 Port (Type B)	Connect to Computer				
10	Power Jack	Connect to Power Adapter				

Note: Make sure the drivers are installed before connecting the V7 UDDS to you computer for best experience

## Windows® 7/8

💱 AutoPlay	
DVD RW Drive (E:) Drive	r
Always do this for software and gam	es:
Install or run program	
Run Autorun.exe Publisher not specified	
General options	
Open folder to view files using Windows Explorer	
Set AutoPlay defaults in Control Panel	

Install DisplayLink Software for DisplayLink Graphics

- Insert the supplied driver CD into the CD/DVD- ROM.
- Click **Run Setup.exe** to start the installation.
- 2.1 audio channel connection
- Gigabit Ethernet connection
- HDMI/DVI/VGA connection
- BC 1.2 charging

×

DisplayLink

Cancel

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

- Click I Accept to continue driver setup
- This is a legal agreement between you, the end user, (**'You'**) and DisplayLink (UK) Limited (**'DisplayLink'**). BY INSTALLING THIS SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT.

SOFTWARE END USER LICENCE AGREEMENT FOR DISPLAYLINK MIRROR DRIVER and DISPLAYLINK GRAPHICS ADAPTER SOFTWARE (THE "PROGRAM")

Some versions of this software, once installed, will check for updated system software at least once and then again at regular intervals unless you specifically disabled this feature when given this option. No personal information or information about your PC or the software installed on your PC is sent to our update servers during this process. Accepting the End-User License Agreement means that you accept this product feature.

I Accept



- Please wait while the installation is in process
- Connect the Docking Station to a computer after the driver installation to complete installation

....

Introduction
License

Destination Select

Installation Type

Installation

Summary

# Mac OS X<sup>®</sup>



Software License Agreement English

Print... Save...

copy of the

+

Go Back Continue

SOFTWARE END USER LICENCE AGREEMENT FOR

DISPLAYLINK MIRROR DRIVER and DISPLAYLINK GRAPHICS ADAPTER SOFTWARE

(THE "PROGRAM")

This is a legal agreement between you, the end user, ("You") and DisplayLink (UK) Limited ("DisplayLink"). BY INSTALLING THIS SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT.

2. Use You are entitled to install and use the Program on a computer that is attached to the product that contains DisplayLink's propriety technology (the "Device") and the Program may be used to enable only the Device to be used by Your computer.

Click Run Driver.dmg to start the installation, and click Continue

Click Continue in Software License Agreement

0 0	🥪 Install DisplayLinkDriver	0
e Introduct e License	When this software finishes installing, you must restart your computer. Are you sure you want to install the software now?	ter.
🖯 Destinati	Cancel Continue Installation	of
🖯 Installatic		
Installation		
Summary	DisplayLi	
	Co Back	Install

Click Agree > Install > Continue Installation

4

## Verifying the Installation

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

• Follow the path to open the device manager

#### Windows<sup>®</sup> 7

File Action View Help 🔶 🄿 📰 🛛 🖬 🚯

> 📧 Computer Disk drives

Audio inputs and outputs

a 🚑 970A-D3

Þ

Control Panel\ System and Security\ Systems\ Device Manager

#### Windows<sup>®</sup> 8 / Windows<sup>®</sup> 8.1

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

You will find **Displaylink Adapter** device list.

Note: If you cannot find the driver, it may not be properly installed. Please unplug the device and repeat the installation steps.



- Storage controllers
- System devices
- Universal Serial Bus controllers ÷.
- 🔺 🏺 USB Display Adapters DisplayLink Display Adapter (4307) USB3.0 Dual Video Dock

0.0.0

0 0

Overview Displays Storage Memory

# Mac OS X®



About This Mac

Usesion 10.9 Software Update... Processor 2.5 GHz Intel Core I5 Memory 8 GB 1600 MHz DDR3 Startup Disk Macintosh HD 2 More Info... TM and © 1983-2013 Apple Inc. All Rights Reserved. License Agreement. • Click on the Apple Icon on the top left corner of the screen to open **About This Mac** 

Click More Info...

Click System Report...



Processor 2.5 GHz Intel Core I5 Memory 8 GB 1600 MHz DDR3 Graphics Intel HD Graphics 4000 1024 MB Serial Number C02JPCE0DR53 Software OS X 10.9 (13A603)

MacBook Pro

Support Service

About This Mac

System Report... Software Update...

twork			200			
etwork	CoreStorage		380	9/19/13, 10:21 PM	No	Apple
Firewall	CoreStorageFsck		380	9/19/13, 10:21 PM	No	Apple
Locations	CSRBluetoothHost	tControllerUSBTransport	4.2.0	9/20/13, 8:18 PM	No	Apple
Volumes	CSRHIDTransition	Driver	4.2.0	9/20/13, 8:18 PM	No	Apple
WWAN	DisplayLinkDriver		2.1 (51922)	12/22/13, 7:10 PM	Yes	Identified Developer
Wi-Fi	DisplayLinkEthern	etDriver	1.11.0	12/22/13, 7:10 PM	Yes	Identified Developer
oftware			0			
Accessibility	DisplayLinkDriv	er:				
Applications						
Components	Version:	2.1 (51922) 12/22/13 7:10 PM				
Developer	Loaded:	Yes				
Disabled Software	Get Info String:	DisplayLink Driver 2.1 (51922)	- Copyright © 2003 -	2013 DisplayLink (UK)	Ltd. All rig	ghts reserved.
Extensions	Obtained from:	Identified Developer				-
Fonts	Kind:	Intel				
Frameworks	Architectures: 64–Bit (Intel):	1386, X86_64 Ves				
Installations	Location:	/Library/Extensions/DisplayLin	kDriver.kext			
Logs	Kext Version:	2.1				
Managed Client	Load Address:	18446743521828800000				
Preference Panes	Valid:	Yes				
Printer Software	Dependencies:	Satisfied				
Profiles	Signed by:	Developer ID Application: Displ	ayLink Corp (73YQY62	QM3), Developer ID Ce	rtification	Authority, Apple Root
Startup Items		CA		•		

# **Utility Settings**

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



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

2. Choose the Monitor preference you would like to display.

esolution	•				
otation	•				
D					
ain Monitor					
for Video	_	DisplayLink Manager Check for updates			
		2. USB3.0 Smart Docking Station			
		Audio Setup Video Setup			
		Customize			

## **Description of Settings**

Options	Description
DisplayLink Manager	Enable the Windows screen resolution
Check for Updates	Check the latest driver and download if available
USB 3.0 Video Dock	Video Dock Preference
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	Extend the main screen
Extend To	The cursor can extend to desired screen via left/right/above/below
Set as Main Monitor	Set this screen to the main screen
Notebook Monitor <b>OFF</b>	Switch the monitor to the main display and turn off the screen of the laptop. <b>NOTE:</b> This function may not appear
Mirror	Duplicate computer screen
Off	Turn off monitor
Optimize for Video	Optimize the video quality when playing back. Text may appear less clear when enabled
Fit to TV	Adjust the size of Windows Desktop <b>NOTE:</b> This function will only work only when at least one monitor is connected.
Audio Setup	Enable the Windows audio configuration page.
Video Setup	Enable the Windows screen resolution page.

## **Multi-Monitor Configuration**

The docking station is able to support 2 monitors simultaneously. Once the monitors are connected, it can be configured to use in either "Mirror Mode", "Extended Mode" or be the primary display.

## Windows<sup>®</sup> 7/8

Display:

Resolution: Orientation:

Make this my main display Make text and other items larger or smaller What display settings should I choose?

Change the appearance of your displays

2. BENQ V772 🔫 1024 × 768 (recommended)

Landscape Multiple displays: Extend these displays -

Position the mouse anywhere on the desktop, right-click and select Screen Resolution.

Dete<u>c</u>t Identify

Advanced settings

Apply

OK Cancel

Single Display

Change the appearance of your displays							
1	2	3	Dete <u>c</u> t Identify				
Display:	1. 2351 🗸						
<u>R</u> esolution:	1920 × 1080 (Recommended) ✓						
Orientation:	Landscape 🗸						
<u>M</u> ultiple displays:	Extend desktop to this display $~~$ $\checkmark$						
This is currently yo	ur main display.		Advanced settings				
Make text and othe	er items larger or smaller						
What display settin	gs should I choose?						
		OK Cano	el <u>A</u> pply				

**Dual Display** 



Alternatively, click utility icon **used** in the **Windows System Tray**, and then select **DisplayLink Manager**.

## Windows 7/8

1. Click the **Apple Icon** of the upper left icon in screen and select **System Preferences...** on the drop-down list.

000			System I	Preferences		_	
	Show All		and the second	and the second		Q	
Personal		1					
New New	- E		<b>7</b>	0	O	<b>Q</b>	
General	Desktop & Screen Saver	Dock	Mission Control	Language & Text	Security & Privacy	Spotlight	Universal Access
Hardware							
CDs & DVDs	Displays	Energy Saver	Keyboard	Mouse	Trackpad	Print & Scan	Sound
Internet &	Wireless						_
0	@			8			
Cloud	Mail, Contacts & Calendars	MobileMe	Network	Bluetooth	Sharing		
System							
11	(木)	P	(0)	8	(3)	2	
Users & Groups	Parental Controls	Date & Time	Software Update	Speech	Time Machine	Startup Disk	
Other							

2. Click **Displays** turn enable Multi-Monitor mode and the extended monitor will be shown in the Desktop.

	Display	Arrangement	Color	
To rearrange the displays, drag To relocate the menu bar, drag	them to the de it to a different	sired position. display.		

	Display	Arrangement	Color	
To rearrange the disp To relocate the menu	ays, drag them to the d bar, drag it to a differen	esired position. t display.		
Mirror Displays				

**Dual Display** 

#### Single Display

NOTE: Check the Mirror Displays box to enable Mirror Mode.

## **Extended Mode**

- 1. In the **Display** drop-down menu, select the preferred monitor.
- 2. Check the **Multiple Displays > Extend these Displays** on Window<sup>®</sup> 7/8
- 3. Click **OK** to confirm and close the settings screen.
- 4. 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.

## Cursor Disappeared

If the status remains in the extended mode but the adapter is disconnected, the desktop will still be panned to the add-on monitor. The cursor may not be found on the primary monitor in such a case. If it happens, connect the add-on monitor through the adapter again or keep moving the mouse.

## **Mirror Mode**

- 1. In the **Display** drop-down menu, select the preferred monitor.
- 2. Check the Multiple Displays > Duplicate these Displays on Window<sup>®</sup> 7/8
- 3. Click **OK** to confirm and close the settings screen.

## **Be the Primary Monitor**

- 1. In the **Display** drop-down menu, select the preferred monitor.
- 2. Check the Make this my main display box on Window<sup>®</sup> 7, Set as Main Monitor on Window<sup>®</sup> 8

**NOTE:** Some PCs and laptops may need to disable the main display (i.e. uncheck the **Extend the desktop onto this monitor** or **Extend my Windows desktop onto this monitor** box for the main display) as part of the same settings change.

3. Click **OK** to confirm and close the settings screen.

## **Windows Shortcut**

Press (Windows button) + P to bring up the menu and select a desired option. .

This function is available for **Windows® 7** and above only.



## **Supported Resolution**

Options	Description	Refresh Rate 16 bit	Refresh Rate 32 bit
640 x 480	VGA	60 72 75 78	60 72 75 85
800 x 600	SVGA	56 60 72 75	56 60 72 75 85
1024 x 768	XGA	60 70 75 85	60 70 75 85
1280 x 720	720P	60	60
1280 x 768	WXGA+	60 70 75 85	60 70 75 85
1280 x 800	WXGA	60	60
1280 x 1024	SXGA	60 75 85	60 75
1366 x 768	WXGA+	60	60
1400 x 1050	SXGA+	60 75 85	60 75 85
1600 x 1200	UXGA	60	60
1680 x 1050	WSXGA+	60	60
1920 x 1080	1080p	60	60
1920 x 1200	WUXGA	60	60
2048 X 1152	QXGA	60	60

By default, when the docking station is connected to a computer, the audio configuration may be changed to **USB (Multimedia) Audio Device** automatically (this setting depends on models). If it does not work, follow the steps below to setup.

## Windows 7/8

- 1. Open **Control Panel** and then select the hardware and sound icon.
- 2. Click **Sound > Manage audio devices** and then select **USB Audio Device** or **Displaylink Audio**



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

#### Windows 7

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

### Windows 8

Settings > Control Panel > Programs > Uninstall a program



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



3. Click **Yes** to restart your computer. You may also disconnect the device now.



## Mac OS X

1. Open driver and click **DisplayLink Software Uninstaller**.



Host Interface	USB 3.0
Connector	HDMI 30 pin Female Connector
	DVI-D 30 pin Female Connector
	USB B Connector
	USB A Connector
	3.5mm Stereo Mini-Jack
	RJ45 Connector
	DC Power Jack
Video Resolution	HDMI = 2048 x 1152
	DVI = 2048 x 1152
Supported Colors	16 Bits and 32 Bits
Audio	2.1 CH
Ethernet	10/100/1000
Power	Input: AC 100-240V
	Output: DC 5V 4A
Power Consumption	Operating Power: 14.43W
	Suspend Mode POwer: 1.95W
Plastic	ABS
Weight	599 g
Dimensions	187.85(L) x 76.9(W) x 31.08(H) mm
Operation Temperature	0~40 Degree
Storage Temperature	-20~70 Degree
Compliance	CE, FCC

# **FCC Conditions**

CE

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.

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.



USB 3.0 Single/Dual Display Docking Station User's Manual

