USB Dual Display Docking Station

User Manual

Ver. 1.00

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Chapter 1: Introduction

1.1 Product Introduction

This USB Dual Display Docking Station connects your PC/laptop to up to two additional monitors, Gigabit Ethernet connection, microphone input, speakers, two 10Gbps USB-C devices, three/four 5Gbps USB-A devices and SD/microSD card reader (model dependent) with a single cable.

1.2 Features

- Dual Displays with one HDMI port plus one DVI port, allowing up to two monitors for Extend,Mirror or Primary Display.
- Maximum resolutions:

    Dual displays –

    HDMI & DVI: 2048X1152

    Single display –

    HDMI: 2560X1440 or DVI: 2048X1152

- Gigabit Ethernet RJ-45 port, supports 10M/100M/1G connection
- Audio Out jack to connect to speakers
- Mic In jack to connect to microphone
- Two SuperSpeed USB 10Gbps USB Type-C ports
- Three / Four SuperSpeed USB 5Gbps USB Type A ports with USB BC 1.2 support
- Power up to 15W per USB-C port
- Dedicated slots for SD and microSD card reader,transferring data to and from two different cards at the same time (model dependent)

1.3 System Requirements

- Windows 7/8.x/10; macOS 10.8 or later; Ubuntu
  18.04/19.04/20.04
- Available USB port (USB 3.2 Gen 2 recommended)

1.4 Package Contents

- 1 x USB Dual Display Docking Station
- 1 x USB 3.2 Cable
- 1 x User Manual
- 1 x Power Adapter

1.5 Hardware Layout

USB Dual Display Docking Station without Memory Card Reader:

(1 x HDMI output, 1 x DVI output, 1 x RJ45, 1 x Mic In, 1 x Audio, 4 x USB 5Gbps ports, 2 x USB 10Gbps ports):
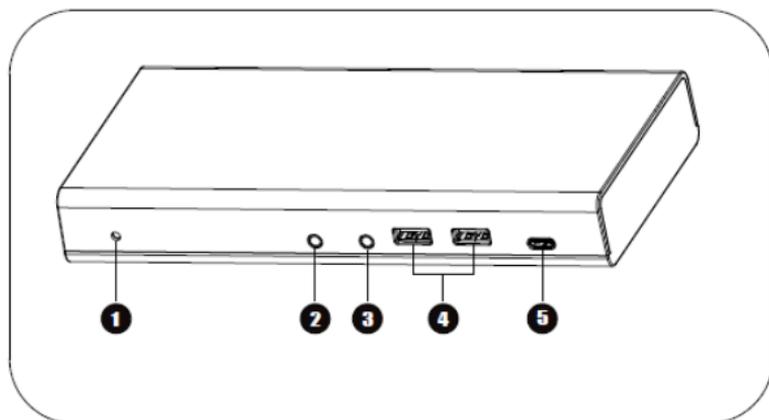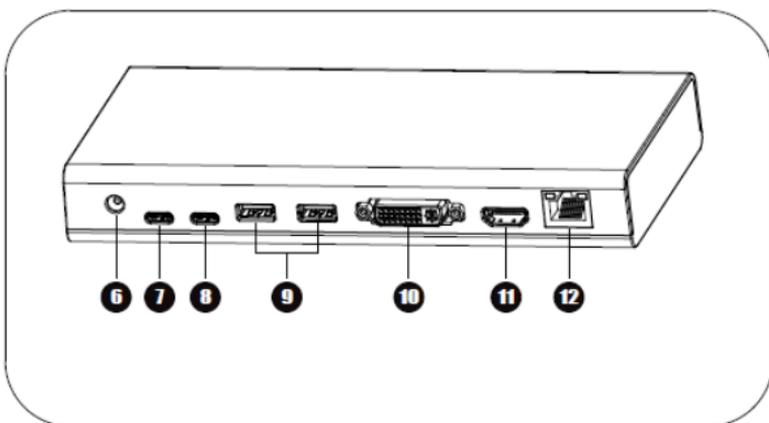
Figure 1. Front Side

Figure 2. Rear Side

USB Dual Display Docking Station with Memory Card Reader:
(1 x HDMI output, 1 x DVI output, 1 x RJ45, 1 x Mic In, 1 x Audio, 1 x SD card slot, 1 x microSD card slot, 3 x USB 5Gbps ports, 2 x USB 10Gbps ports) :
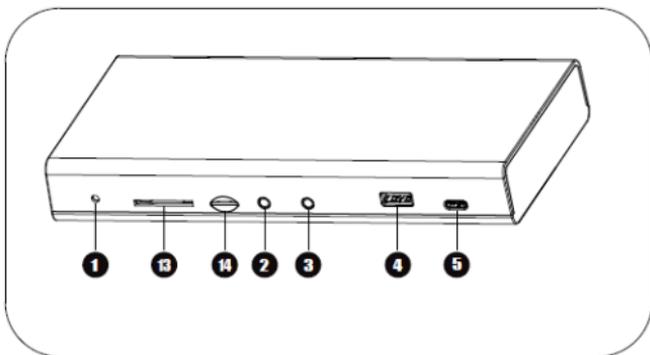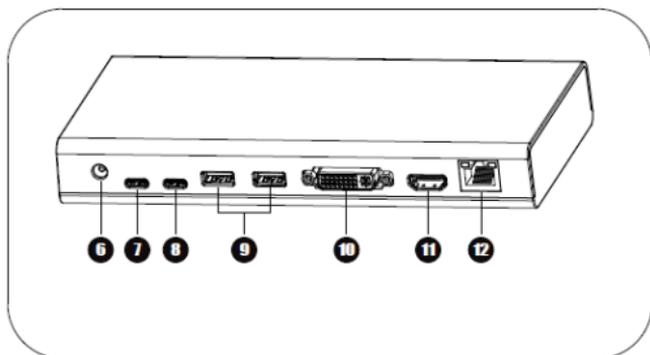

Figure 3. Front Side

Figure 4. Rear Side

1. **Power LED:** Lights up when the Docking Station is powered
2. **Audio output port:** Connect to stereo headphone or speaker
3. **Mic:** Connect to microphone
4. **USB 5Gbps downstream port:** Connect USB peripherals
5. **USB 10Gbps downstream port:** Connect USB peripherals
6. **Power jack:** Connect to the provided power adapter. The Docking Station always needs external power supply for operation
7. **USB 10Gbps upstream port:** Connect to the USB 3.1 port of the host computer
8. **USB 10Gbps downstream port:** Connect USB peripherals
9. **USB 5Gbps downstream port:** Connect USB peripherals
10. **DVI output port:** Connect to a DVI monitor
11. **HDMI output port:** Connect to a HDMI monitor
12. **RJ45 port:** Connect to the Ethernet network via a network cable
13. **SD card slot:** Insert SD memory card
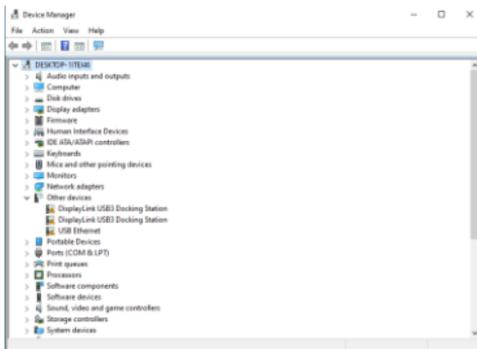14. **microSD card slot:** Insert microSD memory card

Chapter 2: Getting Started
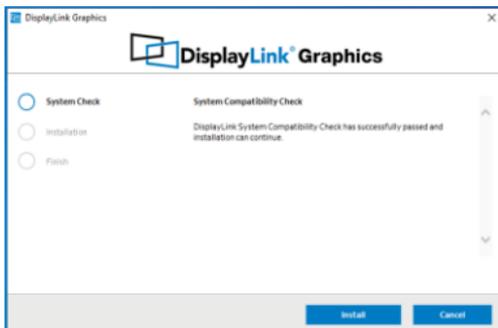
2.1 Driver Installation

The following section shows you how to install USB Dual Display Docking Station driver on different operating systems.

2.1.1 Installation for Windows

1. Login URL http://www.sunrichtech.com.hk/
   Search U-2440/U-2450/U-2460/U-2470, download driver. (model dependent)

2. Connect the USB Dual Display Docking Station to the PC. You will find the unknown devices in the device manager.

3. Install the driver you download before.

4. When finished, please press the "Finish" button to close the window. Now, you can use the USB Dual Display Docking Station.
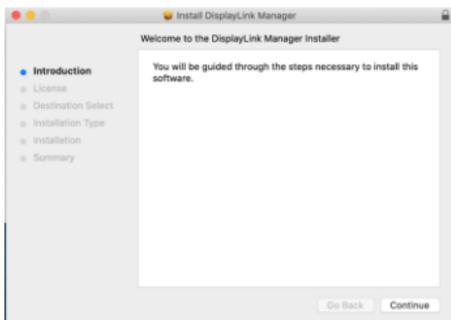
2.1.2   Installation for macOS

1.   Login URL http://www.sunrichtech.com.hk/
     Search U-2440/U-2450/U-2460/U-2470, download driver. (model
     dependent)

2.   Connect the USB Dual Display Docking Station to the Mac.
     Double-click the "DisplayLink Manager Graphics Connectivity
     1.3.pkg" file.

3. Select "**DisplayLink Software Installer**" to begin installing the DisplayLink Driver on your Mac.
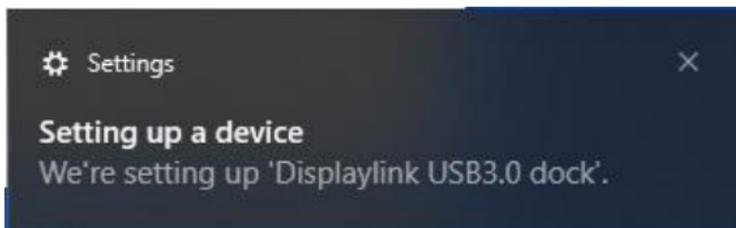

4. Follow the instructions on screen to install the driver. After driver installation is complete. Now, you can use the USB Dual Display Docking Station.

2.2 Hardware Installation

1. Plug the power adapter into the power jack of the Docking Station.

2. Connect the USB Dual Display Docking Station:

   Plug the USB 3.2 cable into the USB-C upstream port on the back of the Docking Station. Then a pop-up message will appear in the notification area indicating the installation is complete.

⚙ Settings	×
Setting up a device We're setting up 'Displaylink USB3.0 dock'.	

   * Actual strings depend on your operation system. This screen shot is from Windows 10 and might vary slightly for each operating system.

3. Connecting Ethernet network device

   • Connect an Ethernet cable to the RJ45 port on the Docking Station

   • Connect the other end of the Ethernet cable to your network hub, switch or router

4. Connecting DVI/HDMI monitor

- For DVI port: Use a DVI cable (not provided) to connect the DVI port to a monitor equipped with DVI input jack
- For HDMI port: Use a HDMI cable (not provided) to connect the HDMI port to a monitor equipped with HDMI input jack

5. Connecting USB devices

   Connect your USB devices to the USB ports on the Docking Station. As long as one USB device is connected to the port and the connection works properly.

6. Connect speaker/headphone

   Insert the plug to the Audio Output jack on the front of the Docking Station. To connect a microphone, insert the plug to the Mic In jack on the front of the Docking Station.

7. To insert memory card

   - For SD memory card: Gently insert a SD memory card, with the label side facing up, into the SD card slot on the front of the Docking Station
   - For microSD memory card: Gently insert a microSD memory card, with the label side facing up, into the microSD slot on the front of the Docking Station
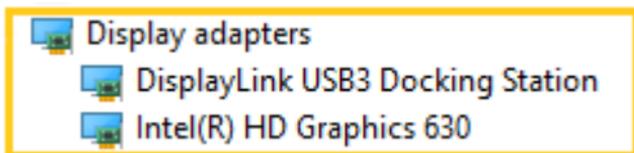
2.3 Verifying the installation

2.3.1 Verifying for Windows

1. Click on the "**Device Manager**" tab in the Windows Control Panel.
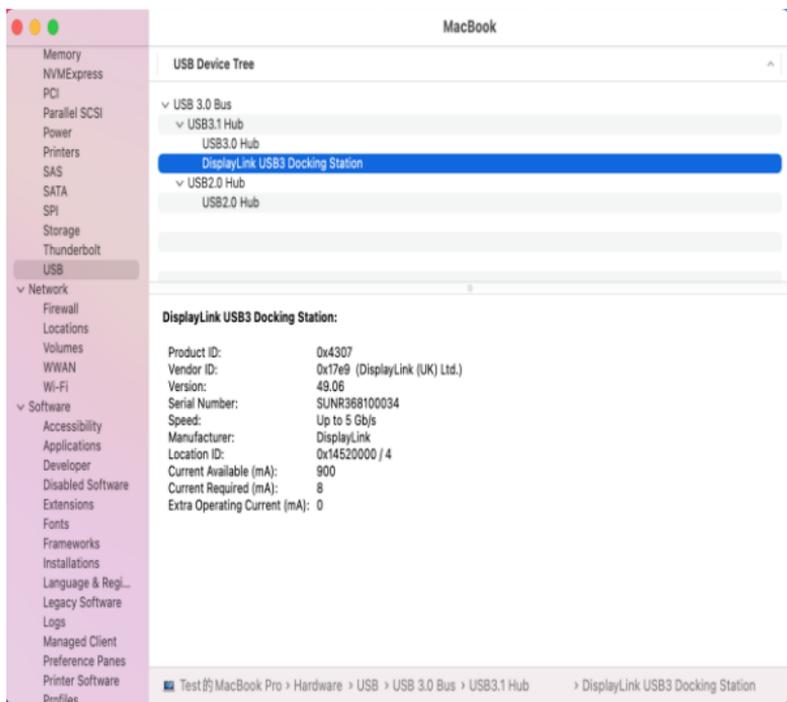
   [Windows key + x] → Device Manager

2. In the **Display Adapters** group, an item named **Displaylink USB3 Docking Station** should be displayed.

   Display adapters
   DisplayLink USB3 Docking Station
   Intel(R) HD Graphics 630

Note: If there is a question or exclamation mark next to that item, then the driver is not properly installed. Please delete the item, select the **Delete the driver software for this device** option (if provided), unplug the Docking Station from your computer and then repeat the installation steps.

2.3.2 Verifying for macOS

1. Choose About this Mac from the Apple menu.
2. Click on More Info…
3. In the Contents sidebar select USB section.
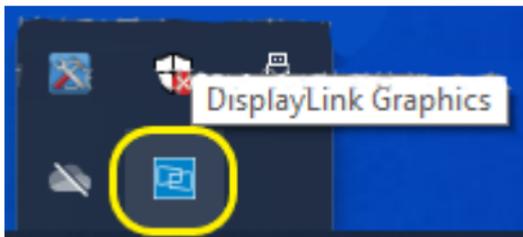4. Scroll the list to reveal the DisplayLink USB3 Docking Station information.

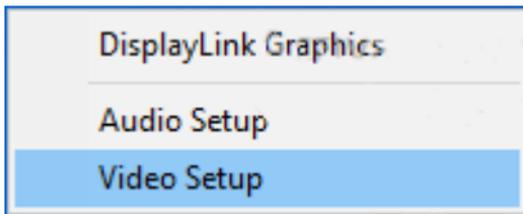## *2.4 Audio and Video Configuration*

When USB Dual Display Docking Station is attached, an icon appears in the taskbar. This gives you access to the DiaplayLink manager menu.
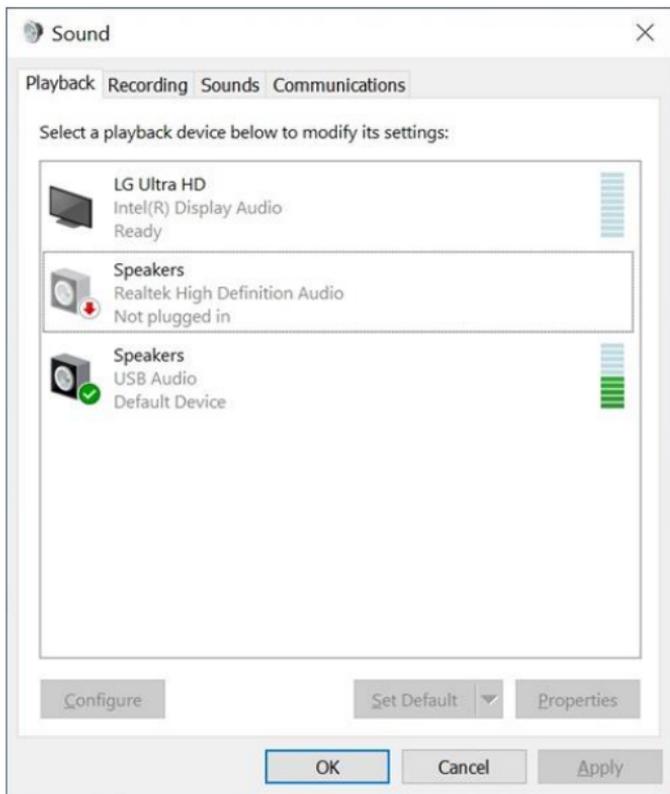
To use the DisplayLink Manager Menu

1. From the taskbar, click the DisplayLink Graphics icon.

2. A menu appears with several options. These are shown and described below.

- **Audio Setup:** This option will take you to the Windows 10's "Sound" setting application.

- **Video Setup:** This option will take you to the Windows 10's "Display" setting application.