

USB 10Gbps Dual 4K Docking Station

User Manual

Ver. 1.00

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Chapter 1: Introduction

1.1 Product Introduction

Ideal for designers, engineers and professionals who work with highly detailed graphics, this Dual 4K Docking Station supports dual displays with resolutions up to 4096x2160p60. It also expands the connectivity of your laptop to Gigabit Ethernet, memory cards, microphone, audio and USB peripherals through a single USB connection. Option of 60W or 100W USB Power Delivery is available to charge your laptop.

1.2 Features

- Dual DisplayPort or Dual HDMI, allowing up to two monitors for Extend, Mirror or Primary Display
- Two USB 10Gbps USB Type-C ports
- Three USB 5Gbps USB Type-A ports with USB BC 1.2 support
- Dedicated slots for SD and microSD card reader, transferring data to and from two different cards at the same time
- Audio jack to connect to headset
- Mic In jack to connect to microphone
- Support 60W / 100W USB Power Delivery (model

dependent)

- Support resolutions up to 2x 4096x2160p60
- Gigabit Ethernet RJ-45 port, supports 10M/100M/1G connection

1.3 System Requirements

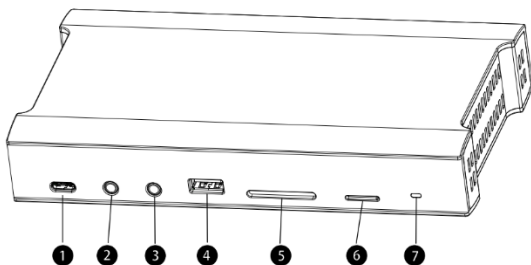
- Windows 7/8.x/10/11(32/64-bit)
- macOS 10.6 - 10.12, 10.14 - 10.15, 11.0, 12.0 or 13.0 later
- Ubuntu 18.04 or later

1.4 Package Contents

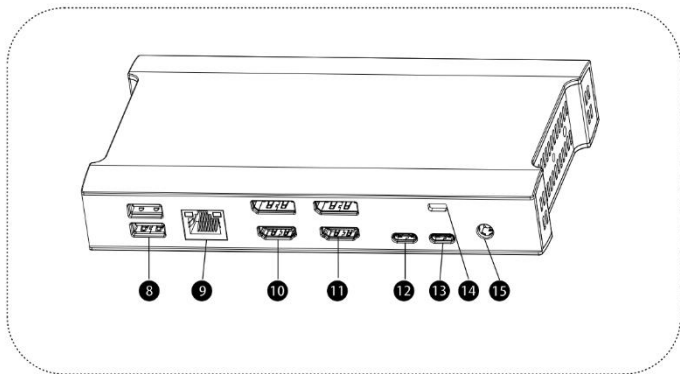
- 1 x USB 10Gbps Dual 4K Docking Station
- 1 x USB Cable
- 1 x Power Adapter
- 1 x User Manual

1.5 Hardware Layout

USB Dual 4K Docking Station: (2 x DP/HDMI output, 1 x SD Card slot, 1 x microSD slot, 1 x RJ45, 1 x Mic In, 1 x Audio, 3 x USB 5Gbps Type-A ports, 2 x USB 10Gbps Type-C ports):



Front Side



Rear Side

1. **USB-C 10Gbps 15W downstream port:** Connect to USB peripherals
2. **Audio port:** Connect to headset
3. **Mic:** Connect to microphone
4. **USB-A 5Gbps 7.5W downstream port:** Connect to USB peripherals
5. **SD card slot:** Insert SD memory card
6. **microSD card slot:** Insert microSD memory card
7. **Power LED:** Lights up when the Docking Station is powered
8. **USB-A 5Gbps 7.5W downstream port:** Connect to USB

peripherals

9. **RJ45 port:** Connect to the Ethernet network via a network cable
10. **DP/HDMI output port:** Connect to a DP/HDMI monitor
11. **DP/HDMI output port:** Connect to a DP/HDMI monitor
12. **USB-C 10Gbps 15W downstream port:** Connect to USB peripherals
13. **USB-C 10Gbps upstream port:** Connect to USB host (60W / 100W PD available for certain models)
14. **LOCK:** Security Lock Slot
15. **Power jack:** Connect to the provided power adapter. The Docking Station always needs external power supply for operation. Input voltage range from 12V to 20V.

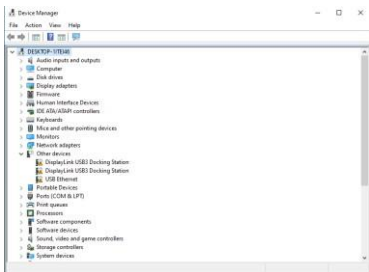
Chapter 2: Getting Started

2.1 Driver Installation

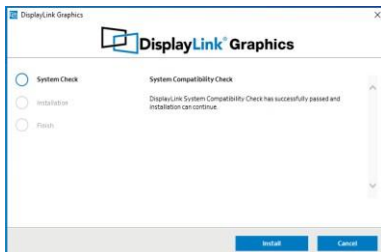
The following section shows you how to install USB Dual 4K Docking Station driver on different operating systems.

2.1.1 Installation for Windows

1. Go to URL <http://www.sunrichtech.com.hk/>
2. Search "U-2540/U-2620/U-2630/U-2640", download the drivers.
3. Connect the USB Dual 4K Docking Station to the PC. You will find the unknown devices in the device manager.



4. Install the driver you download before.



5. When finished, please press the “Finish” button to close the window. Now, you can use the USB Dual 4K Docking Station.



2.1.2 Installation for macOS

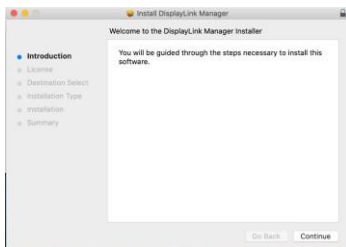
1. Go to URL <http://www.sunrichtech.com.hk/>
2. Search "U-2540/U-2620/U-2630/U-2640", download the drivers.
3. Connect the USB Dual 4K Docking Station to your Mac.
Double-click the “DisplayLink Manager Graphics Connectivity 1.3.pkg” file.



4. Select “**DisplayLink Software Installer**” to begin installing the DisplayLink Driver on your Mac.

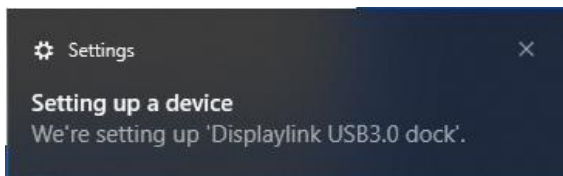


5. Follow the instructions on screen to install the driver. After driver installation is complete, you can use the USB Dual 4K Docking Station.



2.2 Hardware Installation

1. Plug the power adapter into the power jack of the Docking Station.
2. Connect the USB Dual 4K Docking Station:
Plug the USB 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.



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

3. Connect 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. Connect DisplayPort/HDMI monitor

- For DisplayPort: Use a DisplayPort cable (not provided) to connect the DisplayPort to a monitor equipped with DisplayPort 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. Connect USB devices

Connect your USB devices to the USB ports on the Docking Station. As long as a USB device is connected to the port, it will work properly.

6. Connect speaker/headset

Insert the plug to the Audio 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.

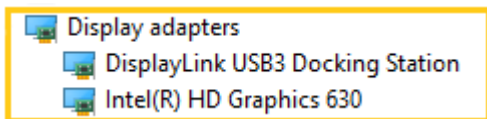
7. To insert memory card

- 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

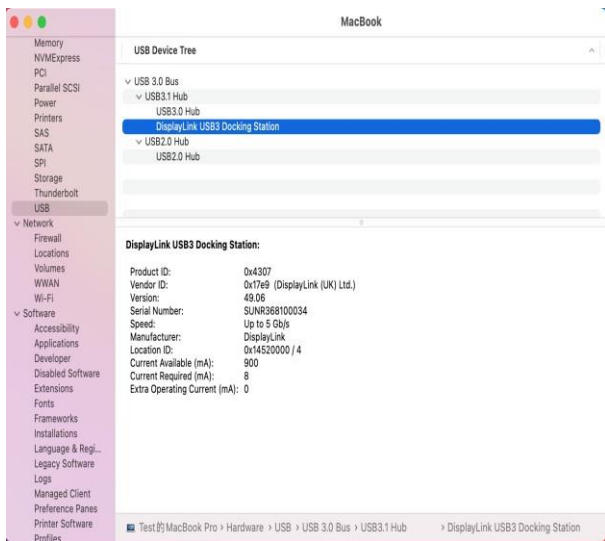
1. Press **Windows logo key + X** to open Quick Link menu. Click **Device Manager** from the list.
2. Under **Display Adapters**, an item named **Displaylink USB3 Docking Station** should be displayed.



Note: If there is a question or exclamation mark next to that item, then the driver is not properly installed. Select **Uninstall Device** option. Next, 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.

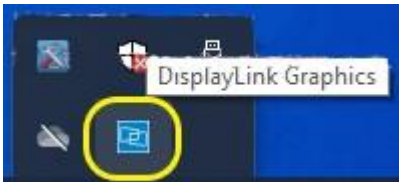


2.4 Audio and Video Configuration

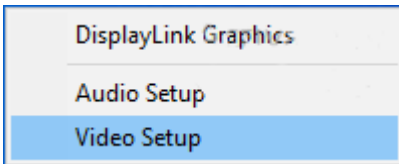
When USB Dual 4K Docking Station is attached, an icon appears in the taskbar. This gives you access to the DisplayLink Manager Menu.

To use the DisplayLink Manager Menu

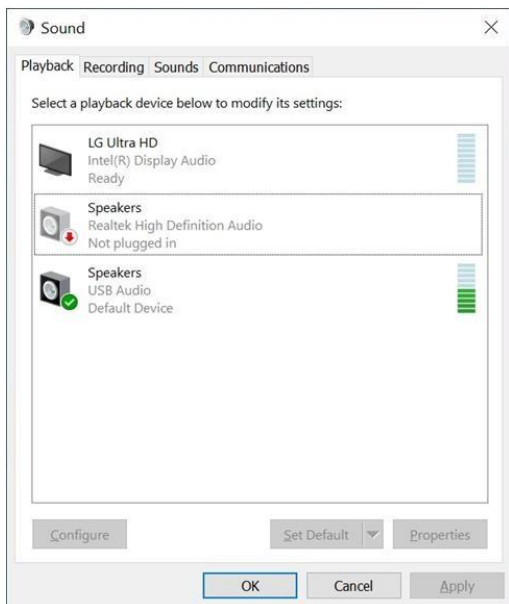
1. From the taskbar, click the DisplayLink Graphics icon.



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.

