

WAVLINK



see the world

Quick Start Guide

USB-C Single 4K Universal Docking Station

Model: WL-UG63PD2

@WavlinkOfficial

@WavlinkTechSupport

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About This Guide

This guide serves as a companion to the Quick Installation Guide for your wired USB product. The Quick Installation Guide provides essential steps for immediate setup, while this document offers detailed explanations of product features and advanced configuration options.

Please note that product functionality may vary slightly depending on your specific model, software version, geographic region, language, and connected devices. Screenshots, parameters, and descriptions in this guide are for illustrative purposes only.

Conventions

In this guide the following conventions are used :

Convention	Description
<u>Underlined</u>	Underlined words or phrases are hyperlinks. You can click to redirect to a website or a specific section.
Teal	The content and text that needs to be emphasized on the web page is the theme color #1D428A , including menus, items, buttons, etc.
Note:	Critical reminders to prevent operational errors or functionality issues.
Tips:	Best practices or optimization suggestions for enhanced performance.

More Info

The latest driver, firmware and utilities are available from the Download Center at [WAVLINK SUPPORT](#) .

Included in your product packaging or available digitally via the link above.

If you encounter any issues, please don't hesitate to email contact@wavlink.com/techsupport@wavlink.com/postsales@wavlink.com to provide feedbacks or contact online customer service, thank you !

Performance Disclaimer

The maximum transfer speeds stated for this product are based on theoretical limits of USB specifications (e.g., USB 2.0/3.0/3.1 Gen 1/Gen 2). Actual performance may vary due to:

Device limitations: Host system performance, driver compatibility, and connected device capabilities.

Environmental factors: USB cable quality, length, electromagnetic interference, and port power delivery.

Network/software conditions: Operating system overhead, background processes, and concurrent data transfers.

Wired connections are generally more stable than wireless alternatives, but performance is not guaranteed and depends on the factors listed above.

Information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

Safety Instructions

Always read the safety instructions carefully.

Keep this Quick Start Guide 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 an obvious sign of breakage.

☐ The equipment has not been working well or you cannot get it work according to Quick start Guide.

Copyright Statement

No part of this publication may be reproduced in any form by any means without the prior written permission.

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WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.



Chapter 1 Overview

This chapter contains the following sections :

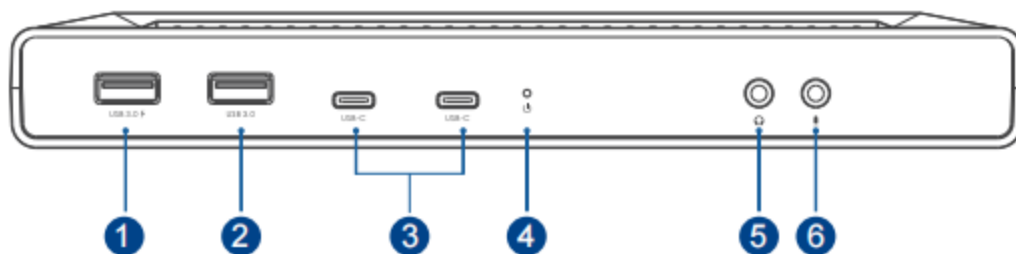
- [Package Content](#)
- [Product Overview](#)
- [Product Features](#)

Package Content

- USB-C Single 4K Universal Docking Station
- USB-C to USB-C Cable
- USB3.0 A to C Cable
- DC 20V/5A 100W Power Adapter
- Quick Start Guide

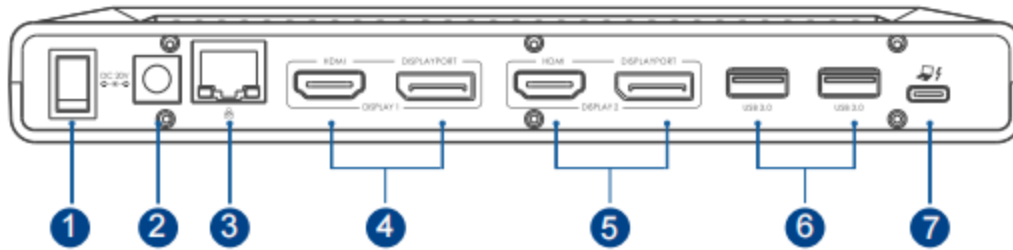
Product Overview

Front View



1. USB-A 3.0 (5Gbps+BC1.2)
2. USB-A 3.0 (5Gbps)
3. USB-C 3.0 (5Gbps)
4. LED
5. Audio Out
6. Mic In

Rear View



1. Power Button
2. DC IN (20V/5A)
3. Gigabit RJ45
4. Display 1 (HDMI+DisplayPort)
5. Display 2 (HDMI+DisplayPort)
6. USB-A 3.0 (5Gbps)
7. Upstream USB-C (Host, 65W)

Product Features

- **65W PD Charging:** Supports 65W upstream charging for your host laptop.
- **4K Video Output:** Two DisplayPort and two HDMI ports support up to single 4K and dual 2K resolution video output.
- **Up to 6 USB-A/C 3.0:** Four USB-A 3.0 and two USB-C 3.0 ports transfer data to your downstream devices at the rate of up to 5Gbps.
- **BC1.2 Fast Charging:** One USB-A 3.0 port supports BC1.2 fast charging.
- **Gigabit Ethernet:** Built in Gigabit Ethernet port provides stable network speed for your working and gaming and is backward compatible with 10/100 network.
- **Audio Out & Mic In:** 2.0 Audio Line-out Jack for Earphone and Line-In Jack Microphone.
- **Multi-Video Modes:** Supports multiple video modes for intensive work.

Chapter 2 DisplayLink Driver Installation

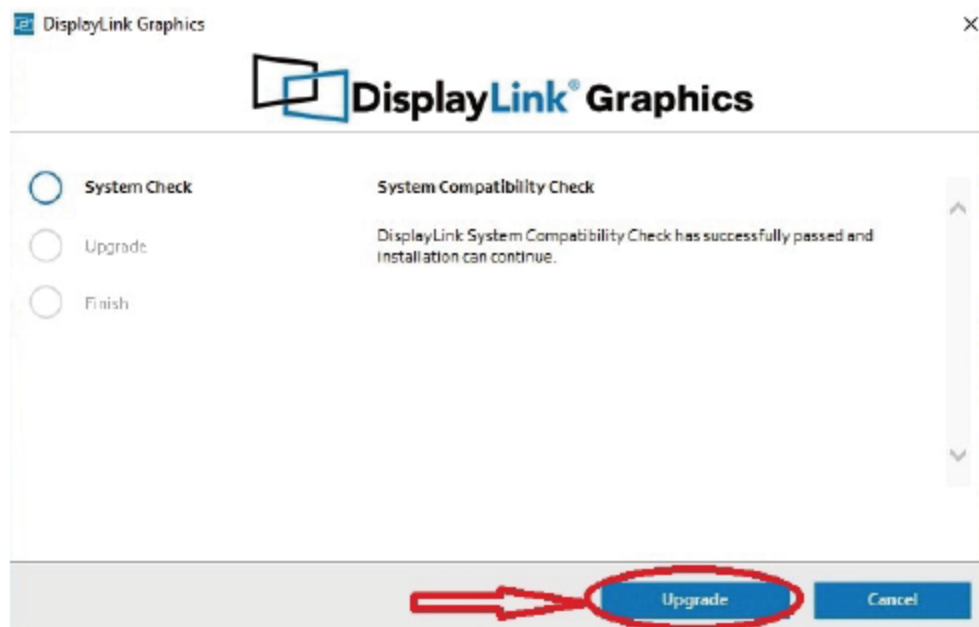
This chapter contains the following sections :

- [For Windows OS](#)
- [For Mac OS](#)

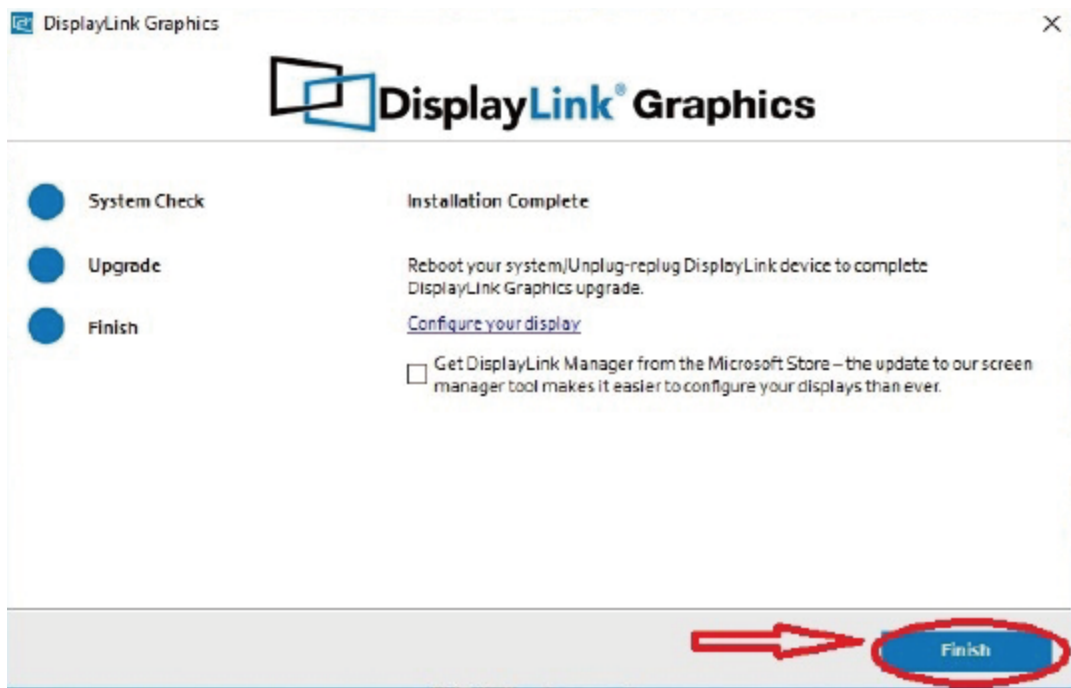
The docking station is based on DisplayLink USB graphics technology which manages the graphics function. It requires downloading and installing DisplayLink graphics driver to make it work, found here: www.wavlink.com > **Support** > **Driver** > **Search WL-UG63PD2**, www.wavlink.com/en_us/WL-UG63PD2 or www.displaylink.com .

For Windows OS

1. Locate the downloaded folder and double-click the driver file you just downloaded.
2. If there is no DisplayLink Driver in your Windows computer, click **Install** and follow guide to install the Driver, If your Windows host has ever installed the Driver, open the file and then click **Upgrade**.

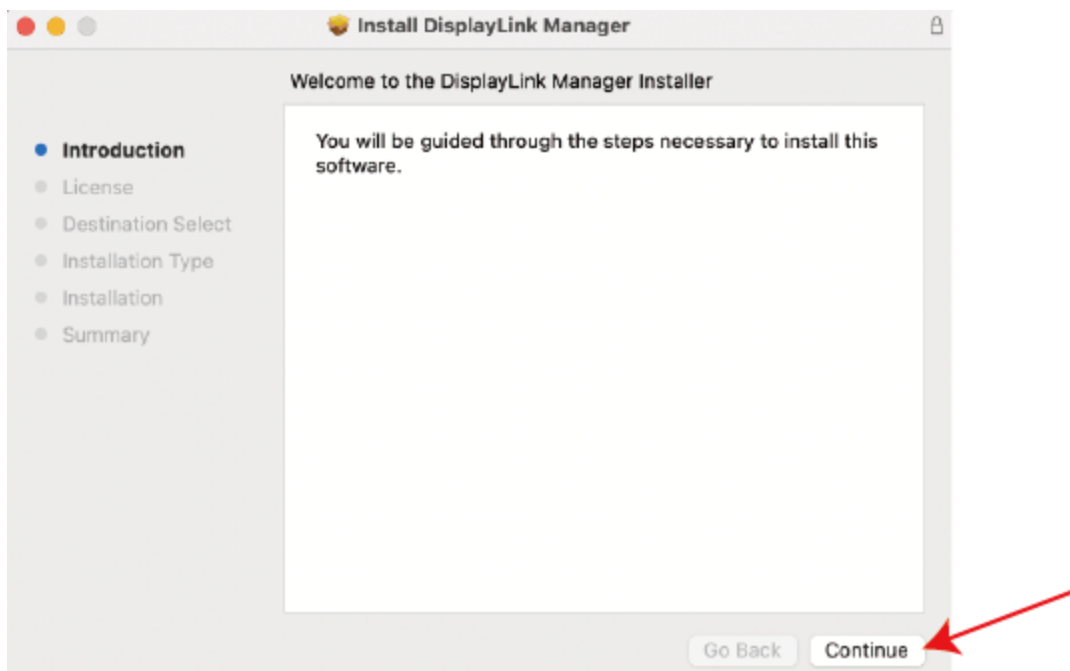


3. Please wait patiently for the complete of the installation. After finishing installation, click **Finish**.

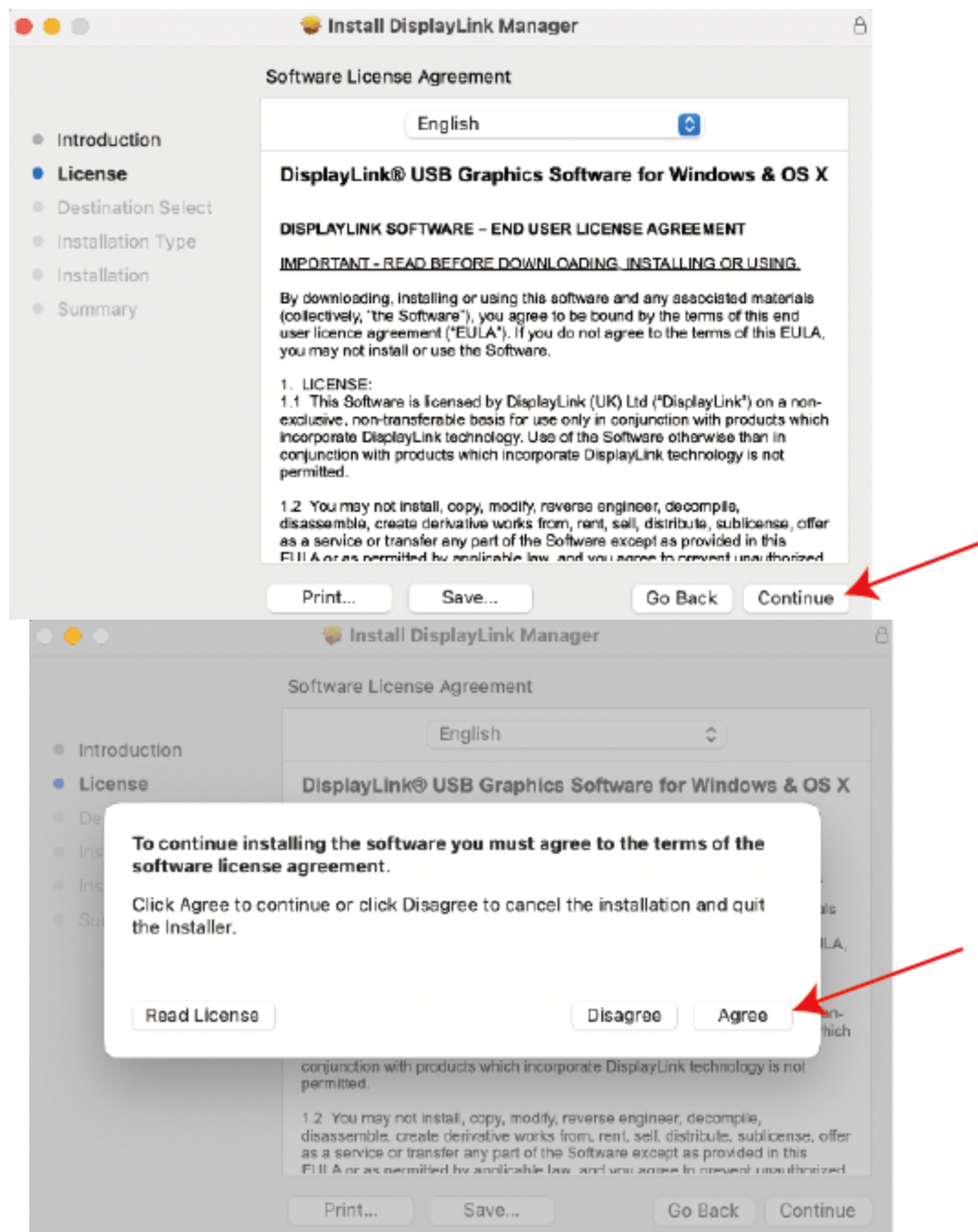


For Mac OS

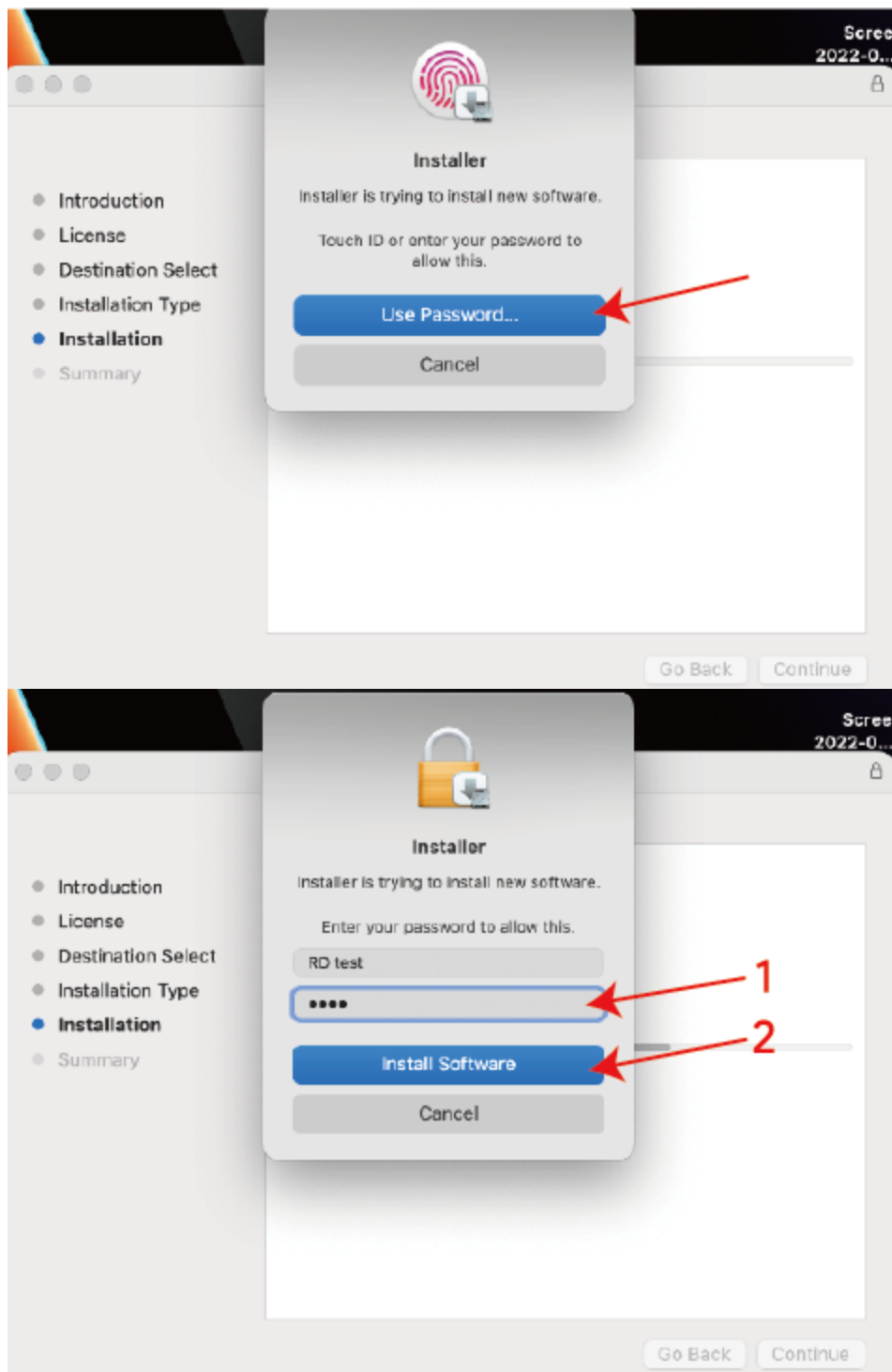
1. Double-click the driver file you just downloaded, navigate to the Install DisplayLink Manager window, click **Continue**.



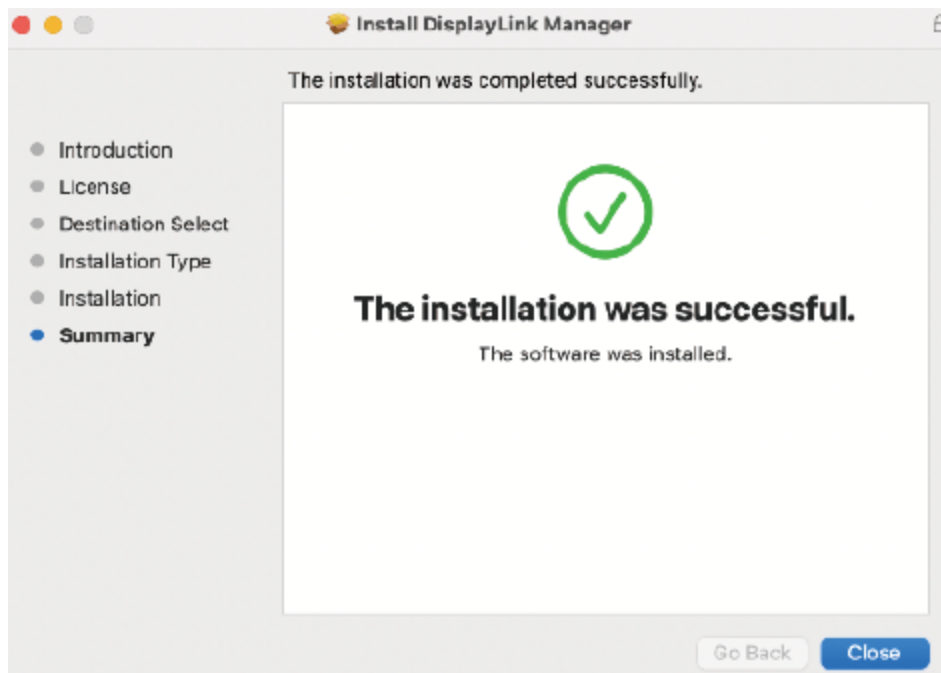
2. Click **Continue** to the next window, then click **Agree**.



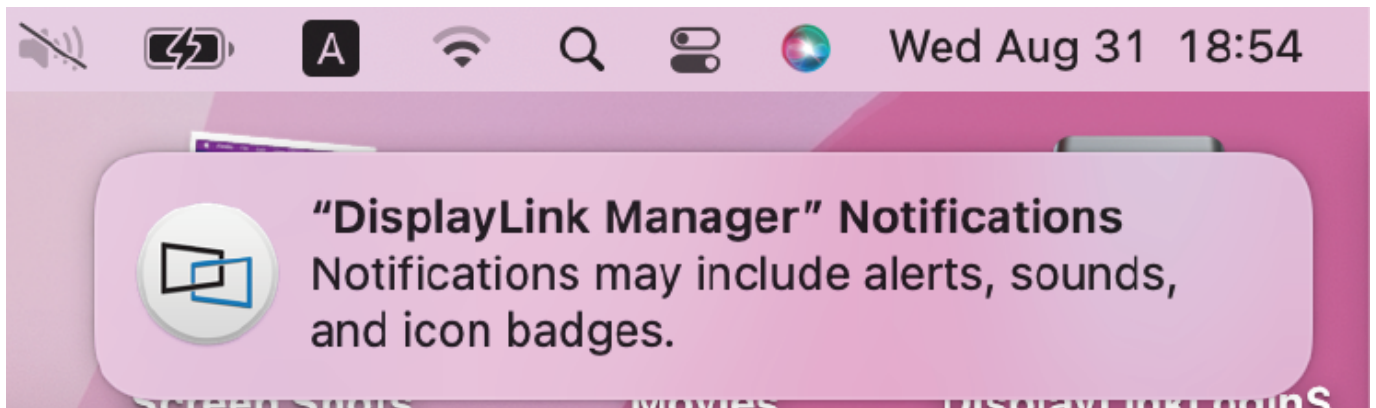
3. Click **Install** and choose **Use Password..**, then enter the screen password and click **Install Software**.



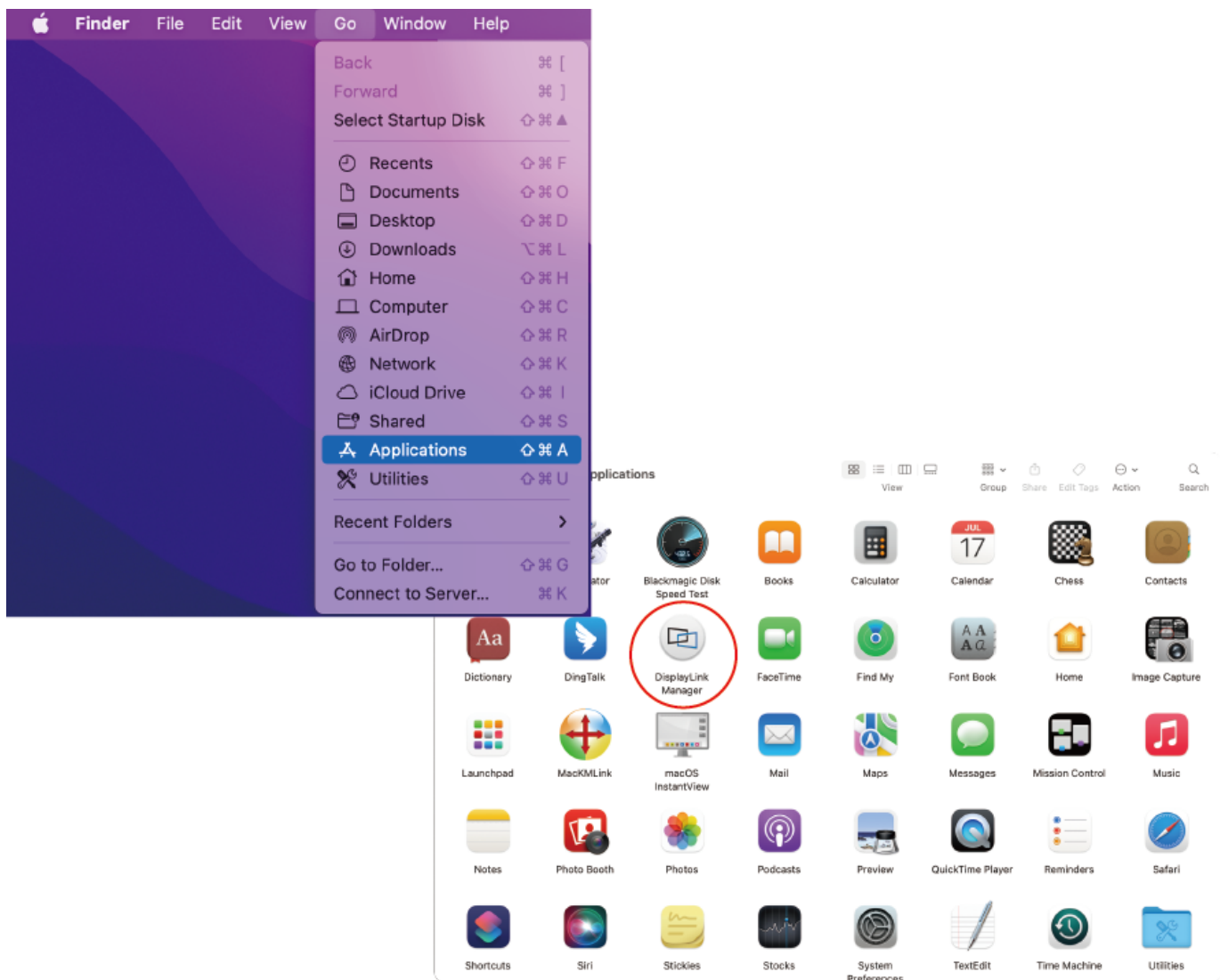
4. Please wait patiently for the installation to complete, then click **Close**.



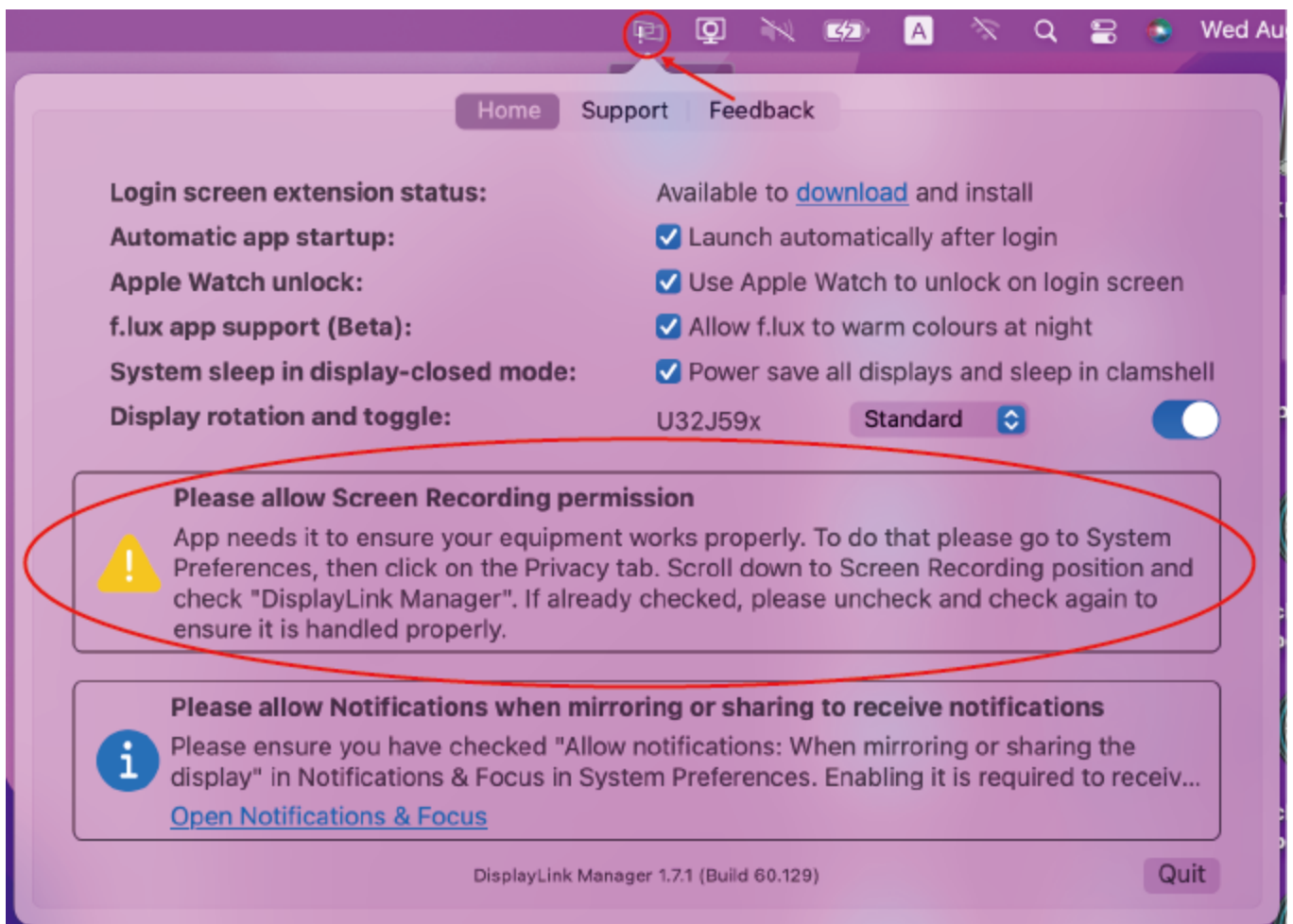
5. If you have enabled notifications from DisplayLink Manager, it will remind you to allow screen recording when it detects that this permission is missing.



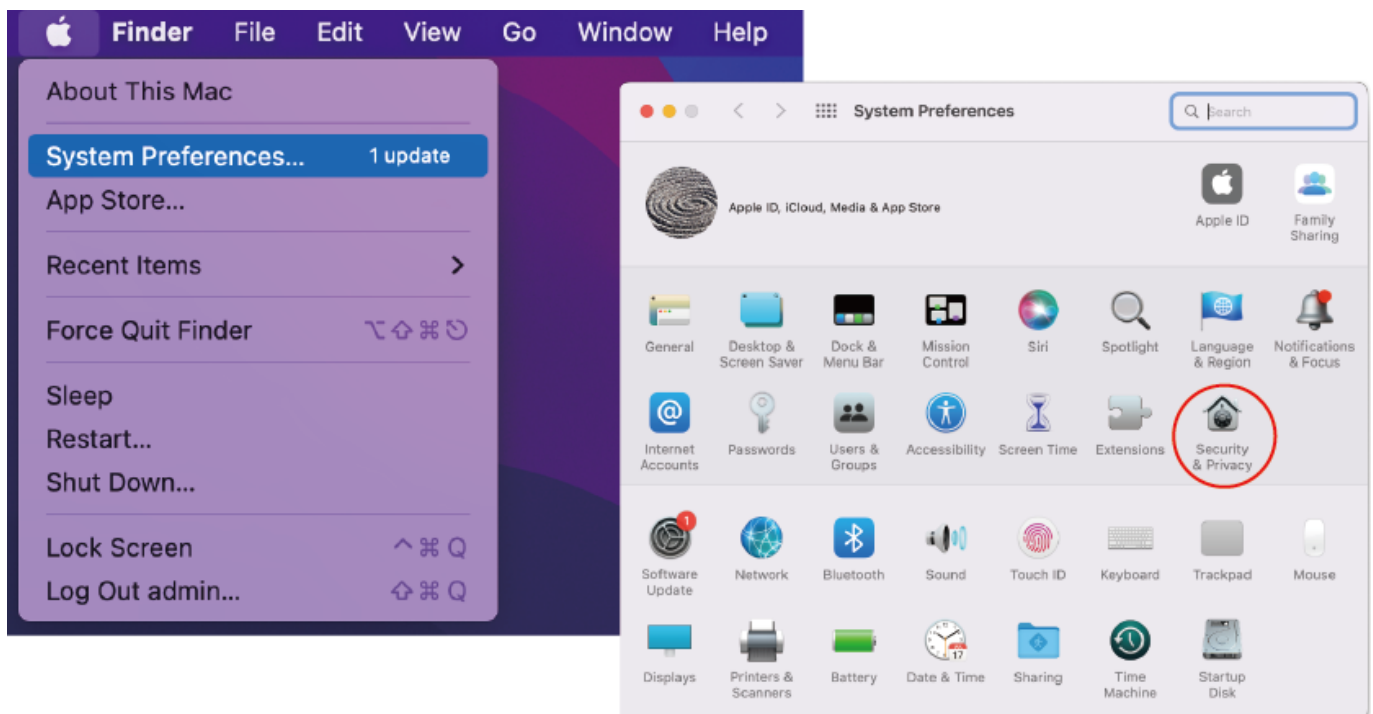
6. If you didn't get the notification from DisplayLink Manager, please click **Go** in the function bar at the top left of screen, then select **Applications** and click **DisplayLink Manager**.



7. Click the **DisplayLink Graphics** icon in the function bar at the top right of the screen, and the notification will also appear in the DisplayLink Manager window, A warning is found here, you should allow the screen recording permission for **DisplayLink Manager**.



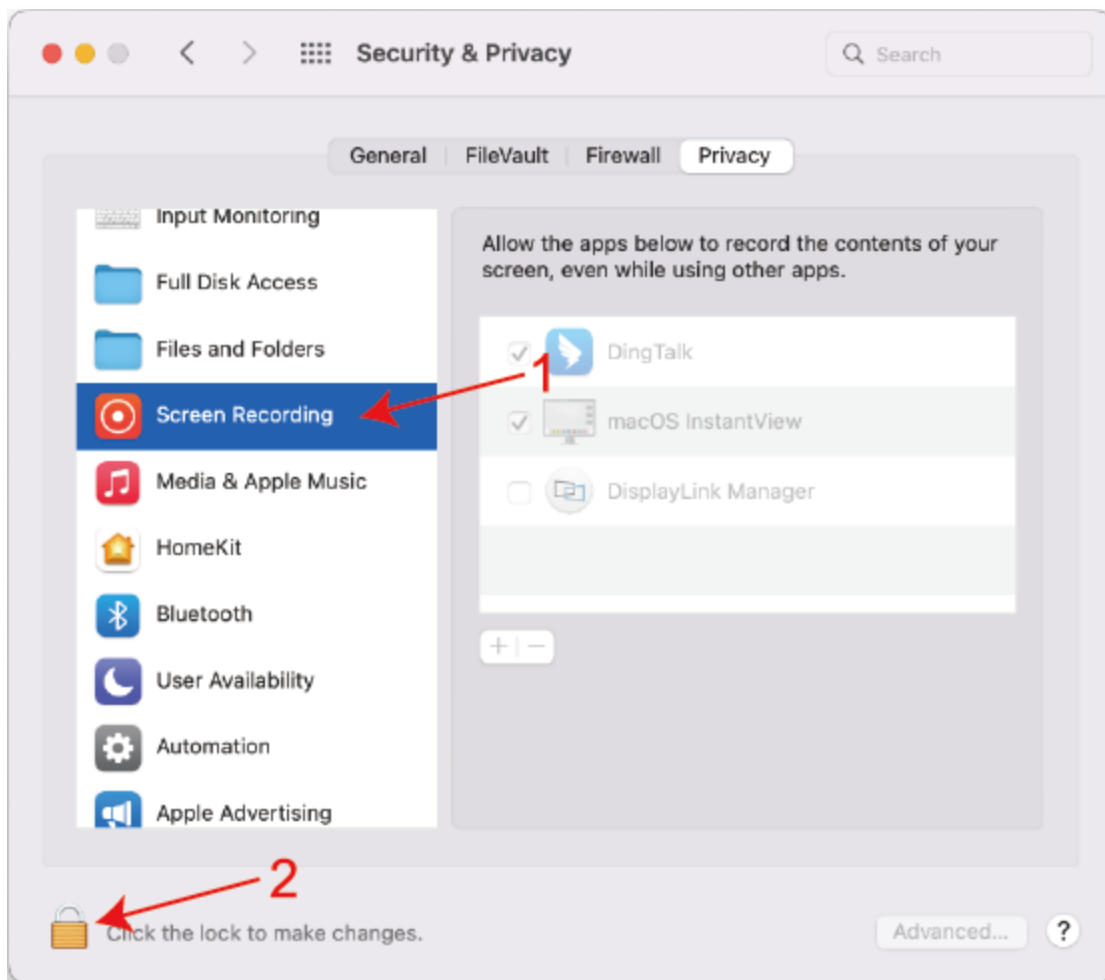
8. Click the **Apple** icon and select **System Preferences**, then double click **Security & Privacy**.



9. Enable **Screen Recording** to allow the **DisplayLink Manager** application to capture pixels and send them to your USB peripheral:

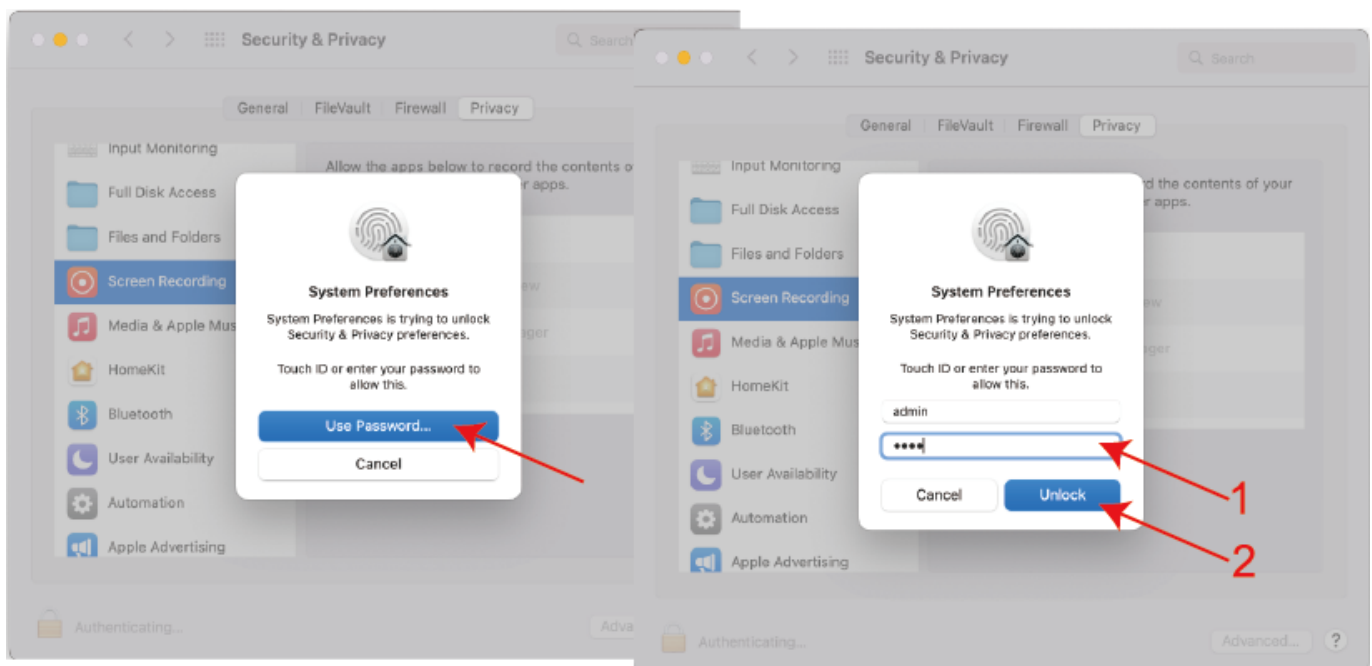
9.1 Select **Screen Recording** in **Privacy** tab.

9.2 Click the lock icon at the bottom left of the window to unlock.



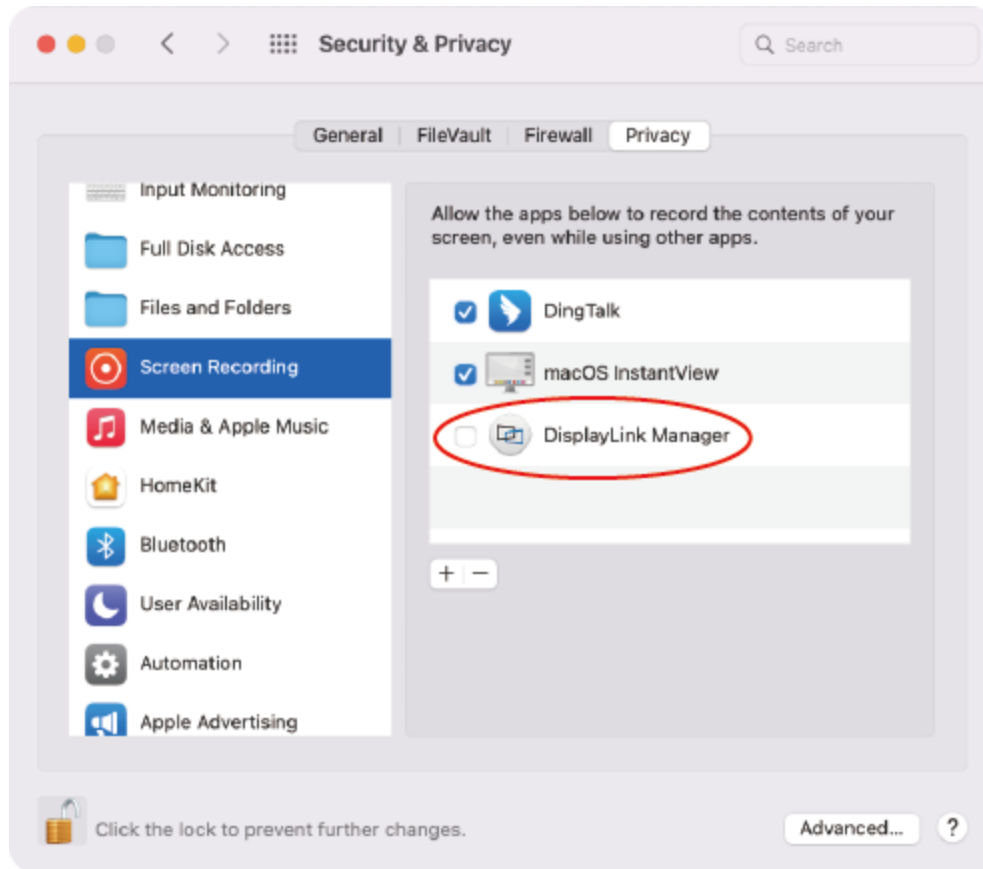
10. When the small window pops up, choose a password or use your fingerprint to unlock.

10.1 If you use password to unlock, and click **Use Password**, then enter your password and choose **Unlock**.

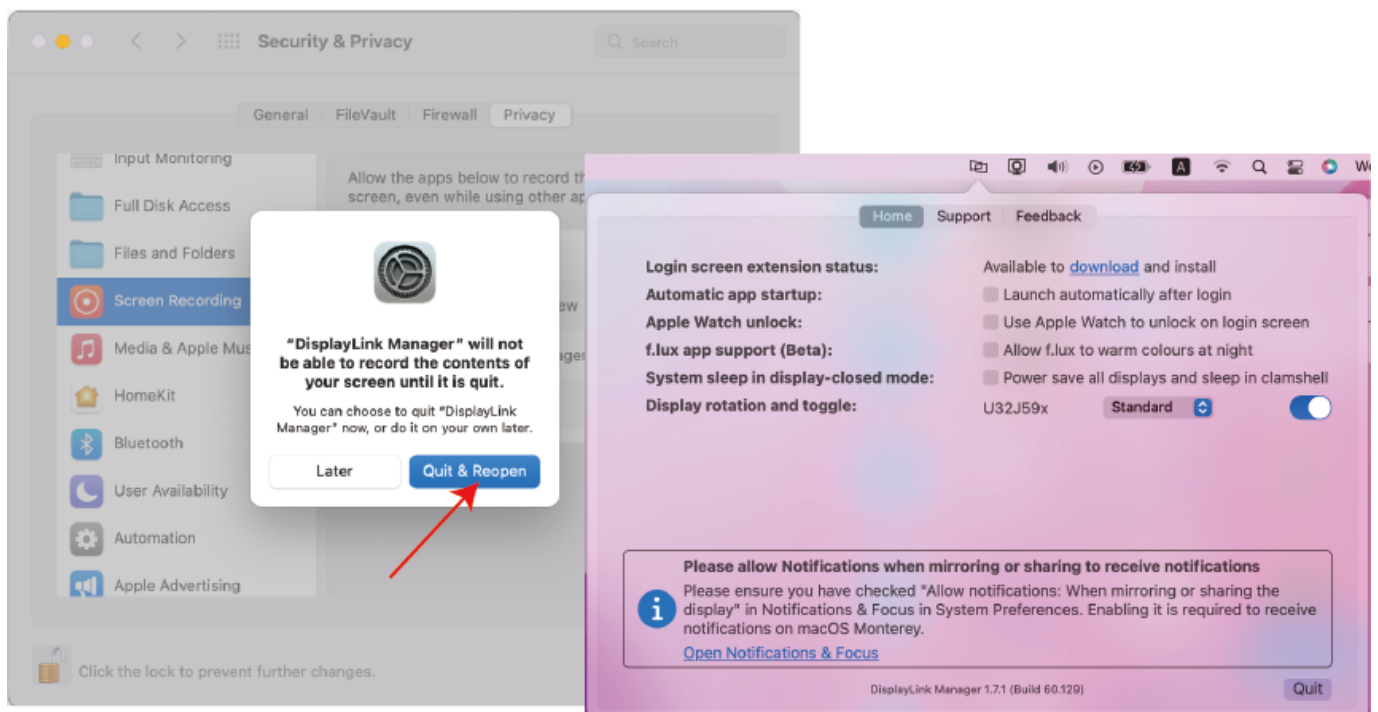


10.2 If you use fingerprint to unlock, it will jump directly to the next step.

11. Check the **DisplayLink Manager** in the right list.



12. Click **Quit & Reopen** to restart the driver, then you can click the **DisplayLink Graphics** icon in the function bar at the top right of the screen to ensure whether the warning has been lifted and whether the driver can work properly.



Note: Please keep DisplayLink Manager running in programs list of Mac OS so that the HDMI and DP port of the Dock can display properly.

Chapter 3 Connection and Resolution

This chapter contains the following sections :

- [Connection](#)
- [Resolution](#)

Connection

Ensuring the driver has been installed before using this docking station.
Detailed driver installation steps are in the “Driver Installation” part of this user guide.

Step 1: Connect to Power

Connect the power adapter to the power jack, then plug the power adapter into a power source.

Step 2: Connect to Your Laptop

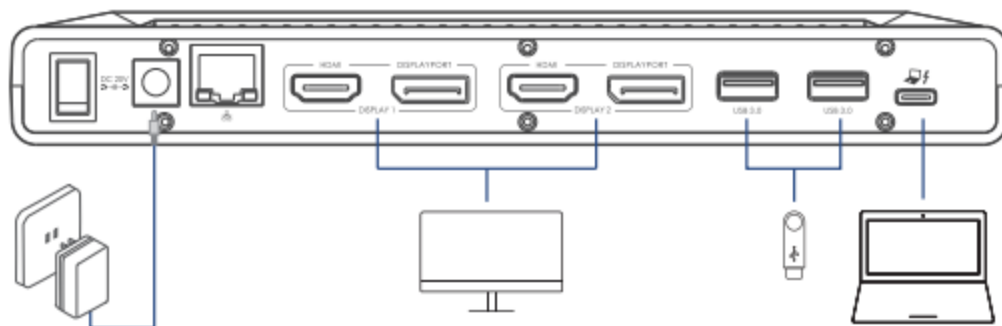
Connect the USB-C upstream port on the docking station to your laptop.

Step 3: Connect to Monitors

Connect Display 1 (HDMI or DisplayPort) and Display 2 (HDMI or DisplayPort) to monitors.

Step 4: Connect to USB Peripherals

Connect USB peripherals to USB-A/C ports according to your needs.



i NOTE

In Display 1 and Display 2, the DisplayPort and HDMI ports cannot be used simultaneously; thus, only one port in each video stream group is available.

Resolution

Item		Windows	MacOS
Single Display	Extend	3840x2160@60Hz	
	Mirror		
Dual Display	Extend	2560x1440@60Hz +2560x1440@60Hz	
	Mirror		

Chapter 4 Display Settings

This chapter contains the following sections :

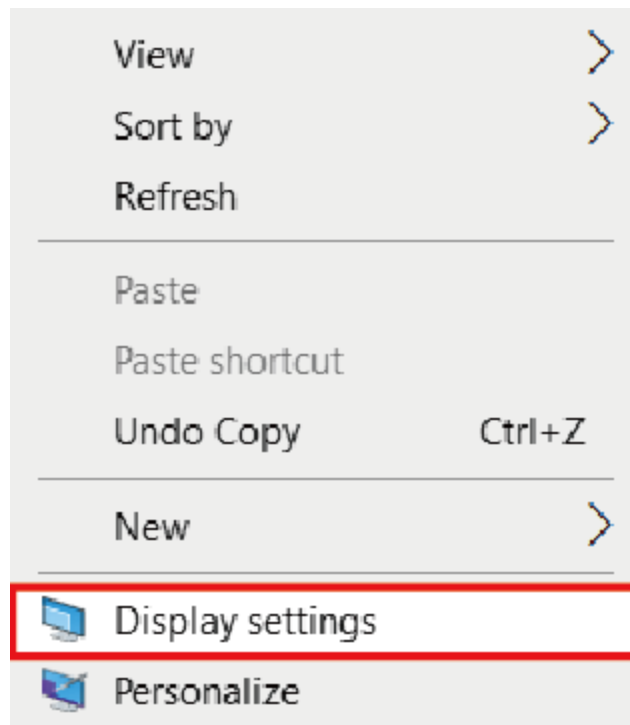
- [For Windows OS](#)
- [For Mac OS](#)
- [For Mac OS X13](#)

Display Settings

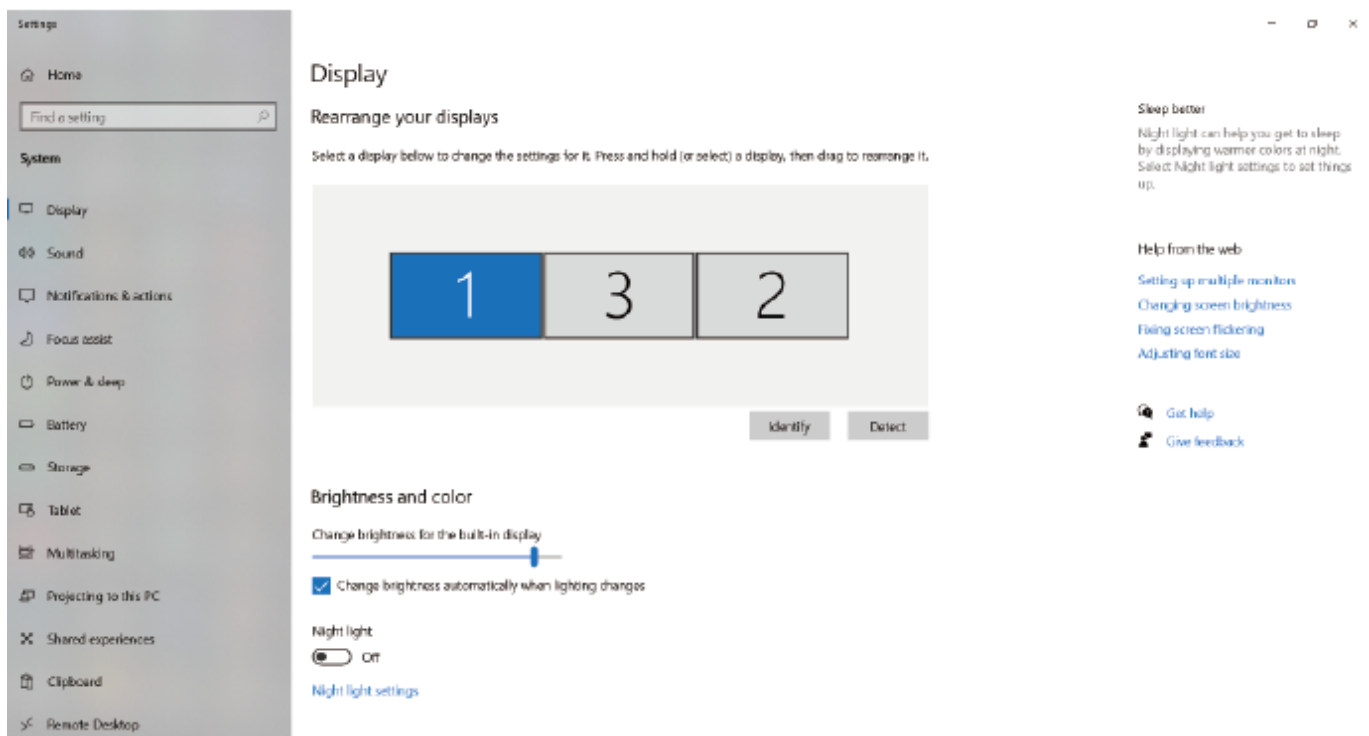
Before configuring the settings, please make sure this docking station has been connected to your laptop and monitors correctly.

For Windows OS

1. Right-click and select **Display settings**.

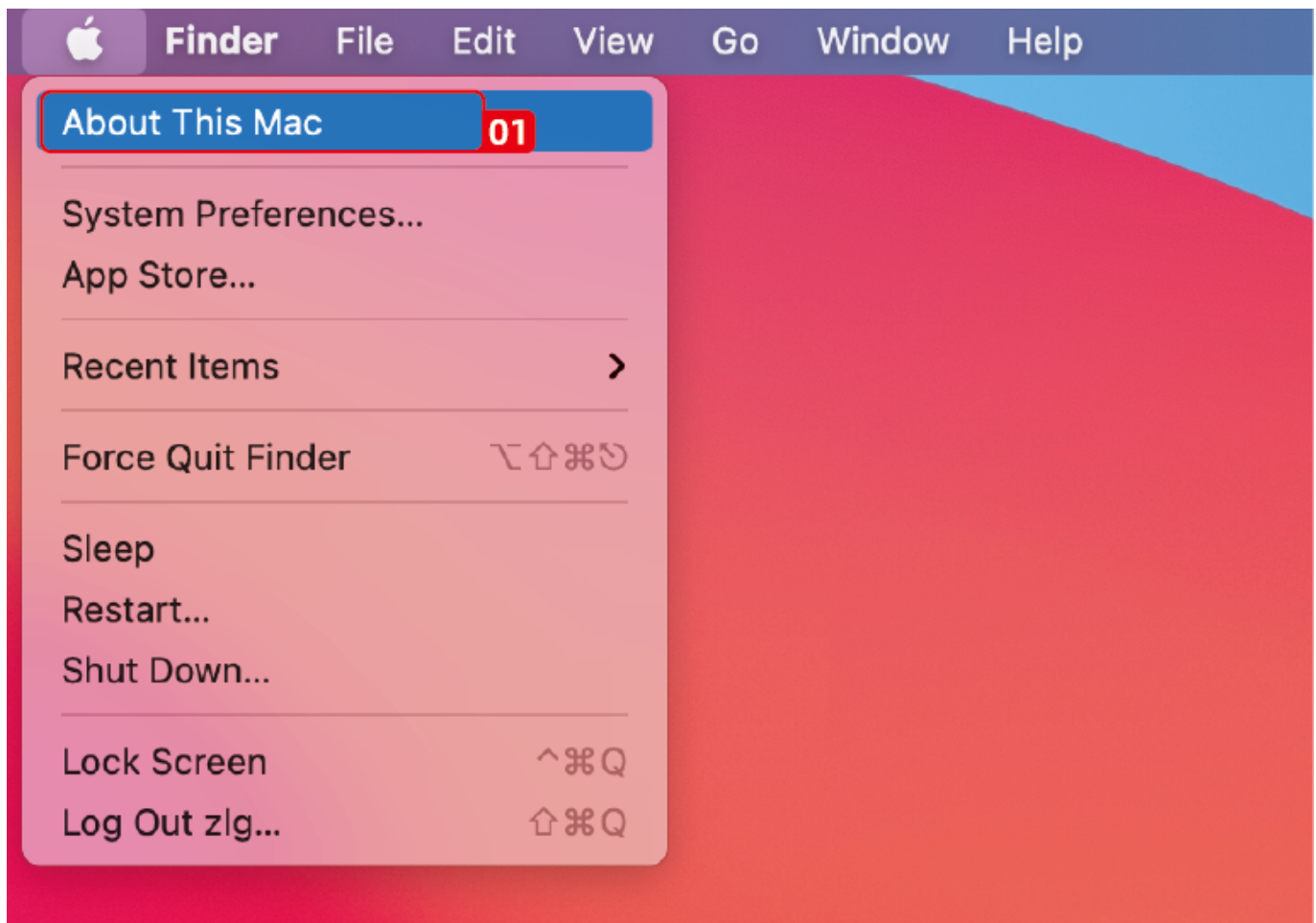


2. In **Display**, you can enjoy different operations of duplicating, extending and rotating on your monitors.

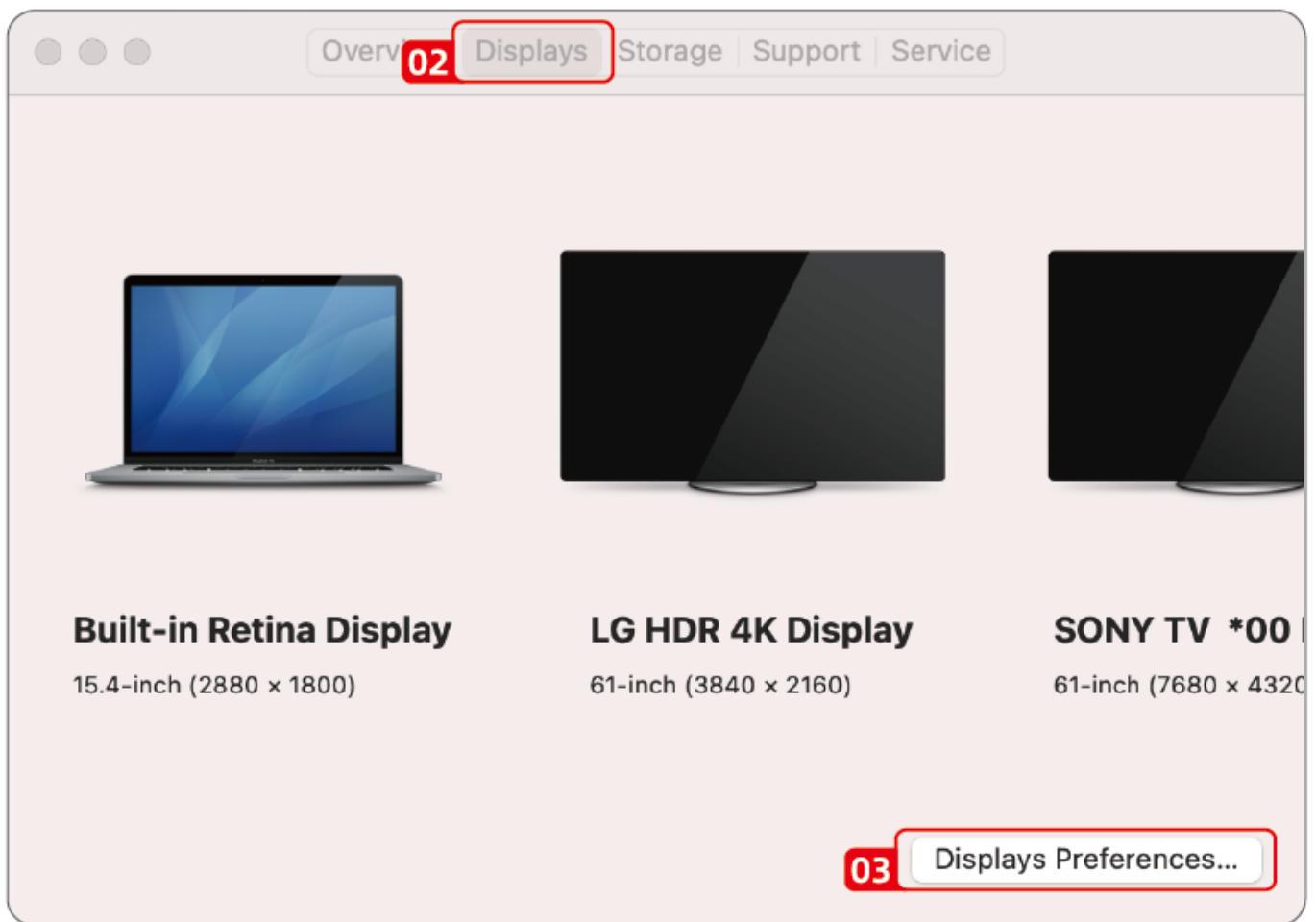


For Mac OS

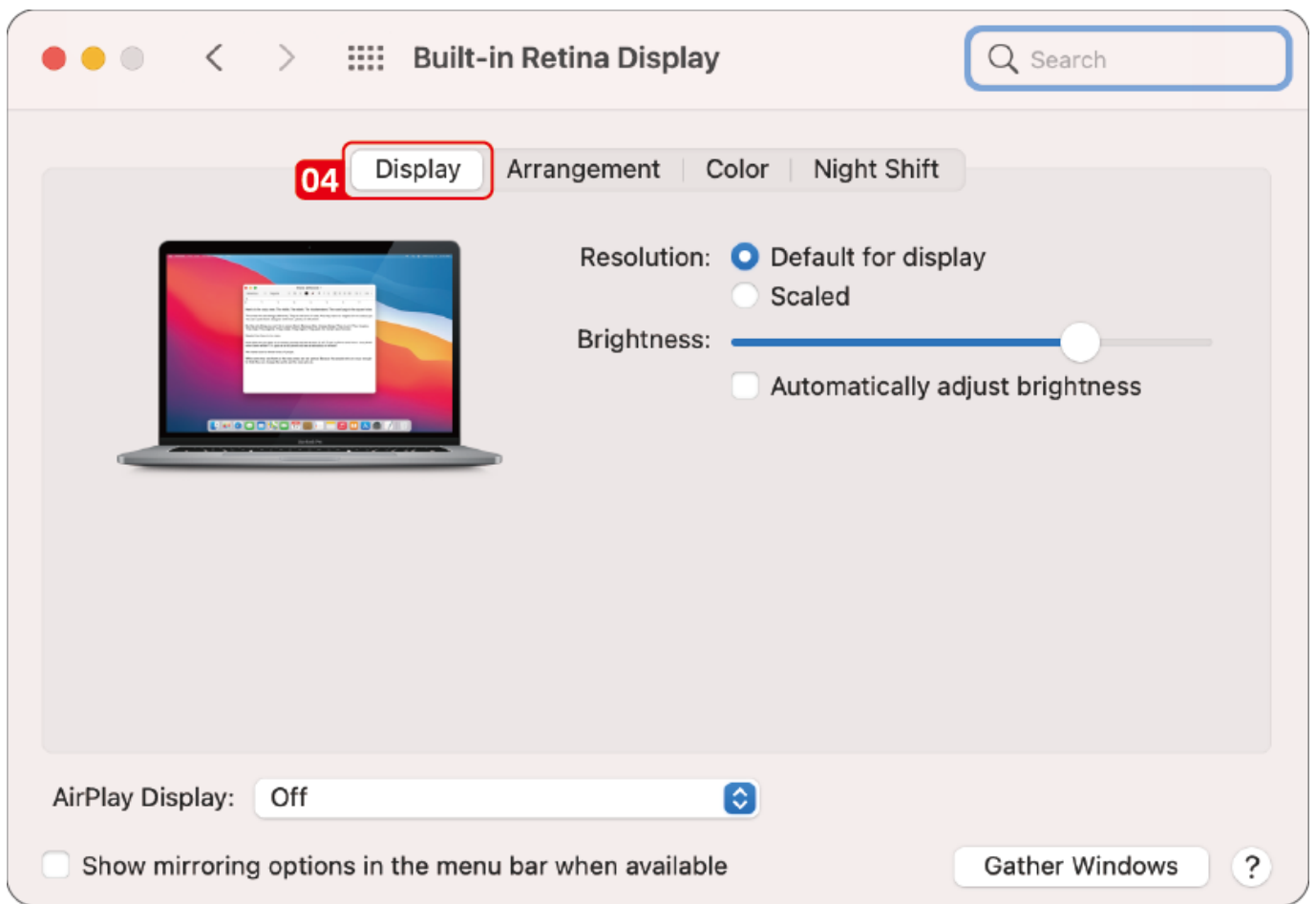
1. Click **Apple** icon, then select **About This Mac**.



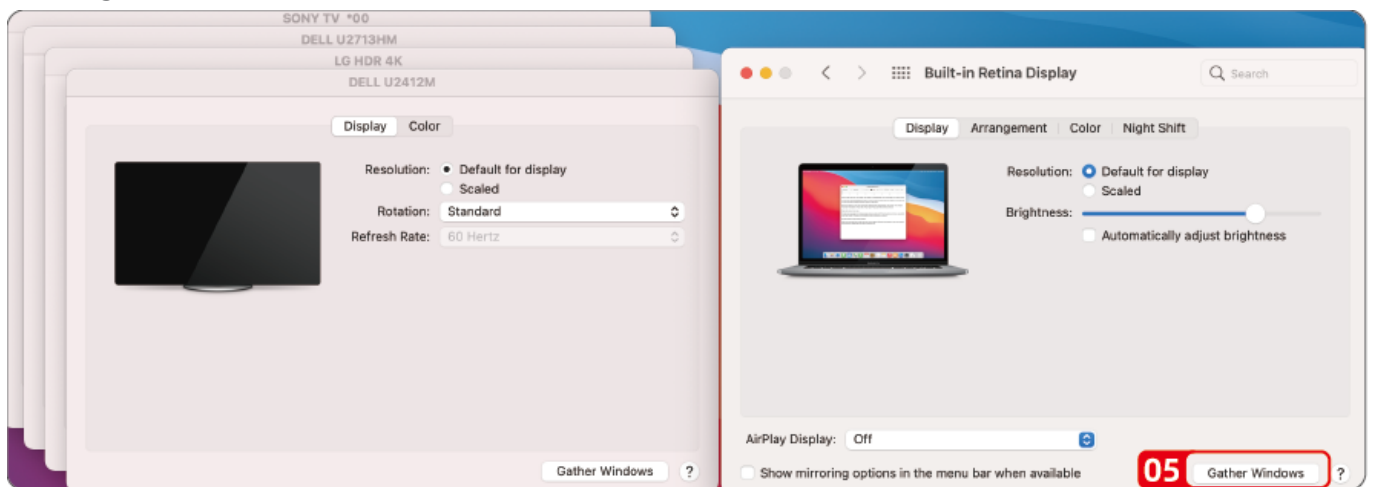
2. Click **Displays**, then select **Displays Preferences**.



3. Select **Displays** from the list, then you can enjoy different operations of mirroring, expanding and rotating on your monitors.

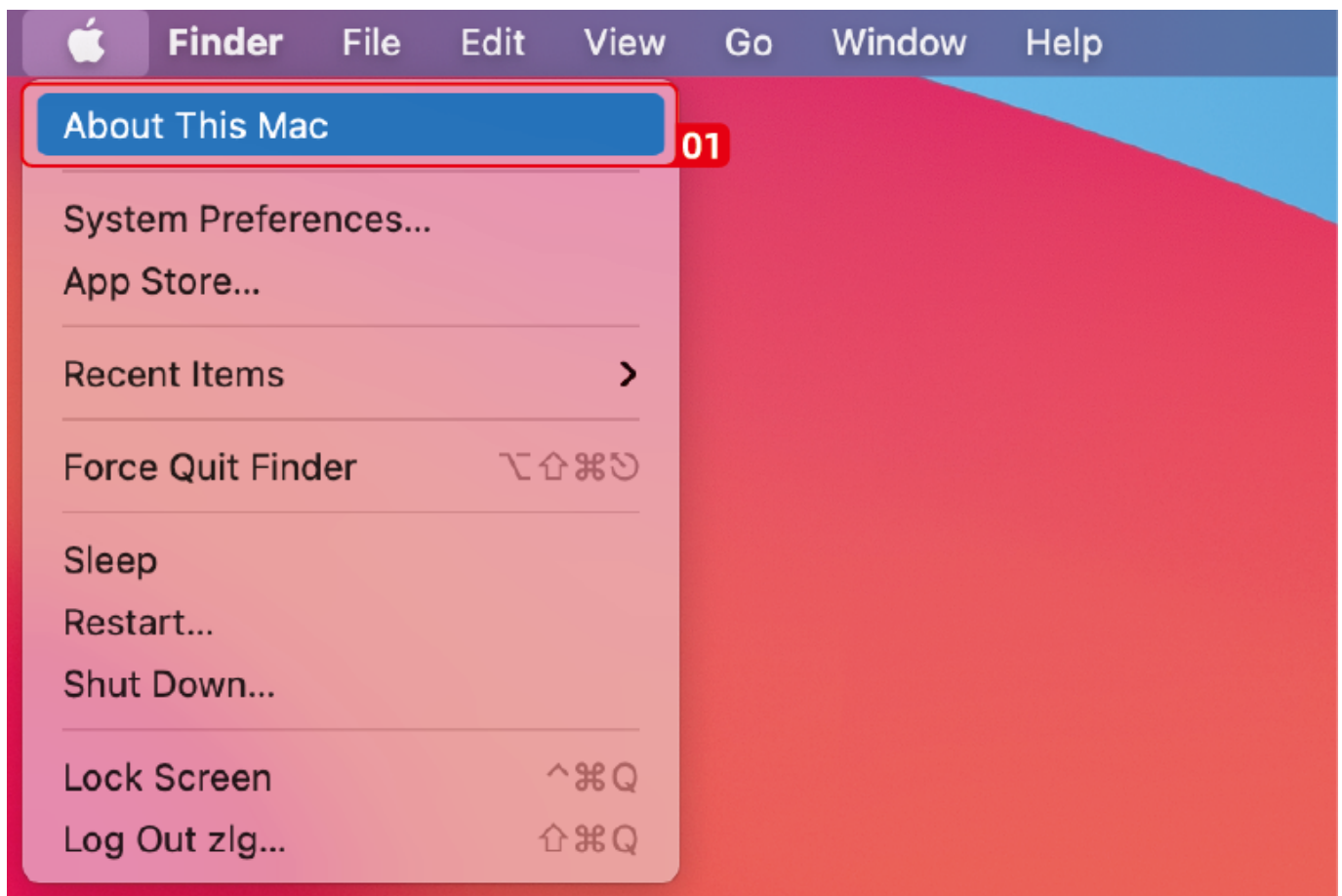


4. Or click **Gather Windows** to gather all connected displays and make separate settings.



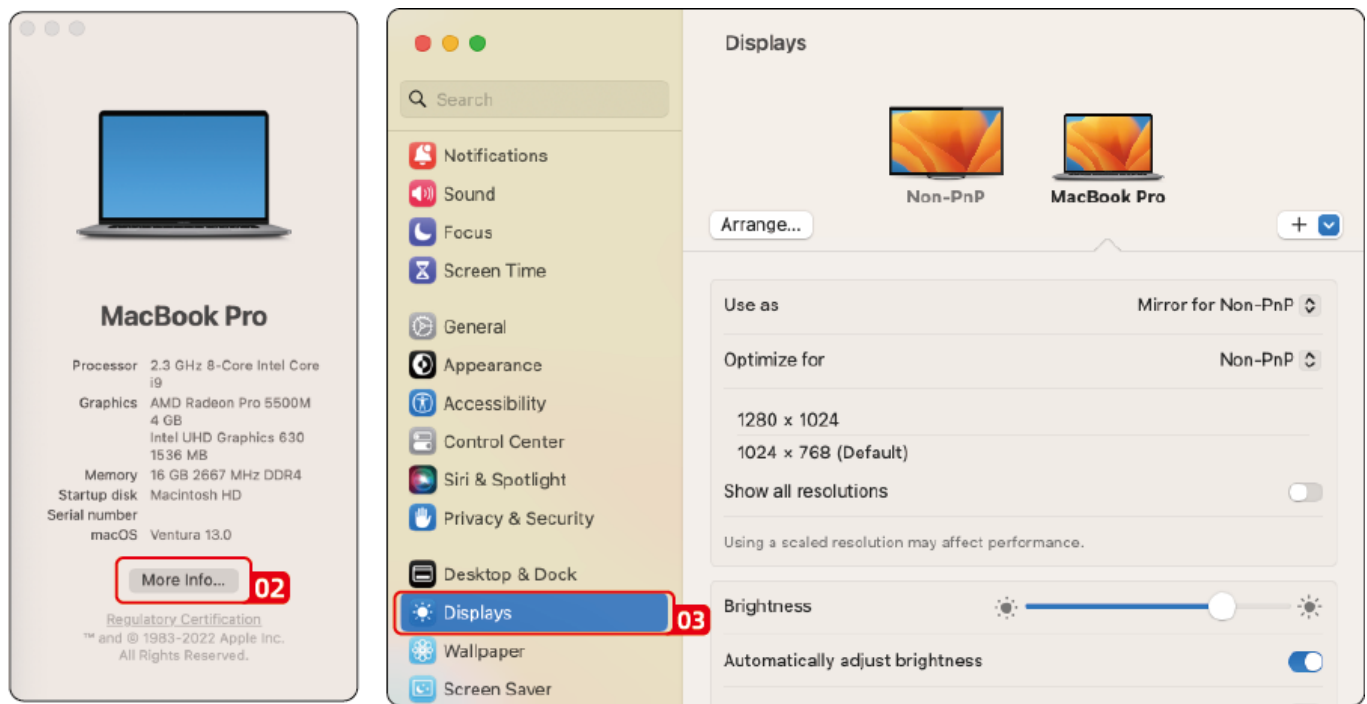
For Mac OS X13

1. Click **Apple** icon, then select **About This Mac**.



2. Click **More Info....**

3. Select **Displays** from the list, then you can enjoy different operations of mirroring, expanding and rotating on your monitors.



Chapter 5 FAQ and After-sale Service

This chapter contains the following sections :

- [FAQ](#)
- [After-sale Service](#)

FAQ and After-sale Service

FAQ

Q1.What should I do if the dock is not working as expected on macOS?

A1. To make your DisplayLink-based device work properly on MacOS, it requires correctly downloading and installing the DisplayLink Graphics Manager APP for macOS. Please locate and install the correct DisplayLink Manager APP according to the specific macOS available from DisplayLink website here:

<https://www.synaptics.com/products/displaylink-graphics/downloads/macos>

MacOS requires the user to permit **Screen Recording** for DisplayLink driver to work properly. To approve the permission, please follow the steps:

<https://support.displaylink.com/knowledgebase/articles/2008685-macos-sonoma-14-screen-recording-permission>

Q2.What should I do if the dock is not working as expected on Windows PC? For windows:

1.Disconnect the dock from the system and remove the power cable from the dock so it turns off completely (this is important so the unit resets). Please keep it disconnected until the last step.

2.Uninstall any and all software with **DisplayLink** in the title that is present from within the **Control Panel -> Programs** and **Features**. Don't worry if these entries are not present or if the process does not work, just move onto the next step.

3. Download, extract and run the DisplayLink cleaner tool, found here:

<https://synaptics.com/products/displaylink-graphics/downloads/windows-installation-cleaner>

4. Once the Cleaner has been run, reboot (even if not prompted to).

5. Now download and install the latest DisplayLink software, found here:

<https://www.synaptics.com/products/displaylink-graphics/downloads/windows>

6.Reattach the power cable to the dock first. Once the dock is powered on, reconnect it

to your system which will trigger the final portion of the installation. If the device is not detected, please click the **Skip** button to allow the process to complete and then reboot the system.

Q3.Why does the App want to record my screen when I install the App for my Macbook?

A3. Mac OS requires the user to permit **Screen Recording** for DisplayLink driver to work properly. But the DisplayLink Manager will not send any information to the WAVLINK and the DisplayLink/Synaptics. Please do not worry about that.

Q4.Why can't the Apple TV, Hulu, and Netflix play when the docking station is connected?

A4. The docking could not support hdcp, the protected content such as Apple TV, Hulu and netflix could not play when the docking is connected. And it is as expected. Please disconnect the docking when you are playing these video. Or you could also try to use the Chrome browser to watch these video and disable the **Hardware Acceleration**.

Need help?

We're here for you!



Online support: wavlink.com

Available Mon-Fri 8:30 am-5:30pm (UTC+8)



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Mon-Fri 9:00 am - 6:00 pm (UTC-5)

www.wavlink.com



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WAVLINK product!**