

WAVLINK



see the world

**Quad 4K Universal Display Adapter with 130w
Upstream Charging**

Model: WL-UG7702H

@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.

Other trademarks or brand names mentioned herein are trademarks or registered trademarks of their respective companies.

WEEE Directive & Product Disposal

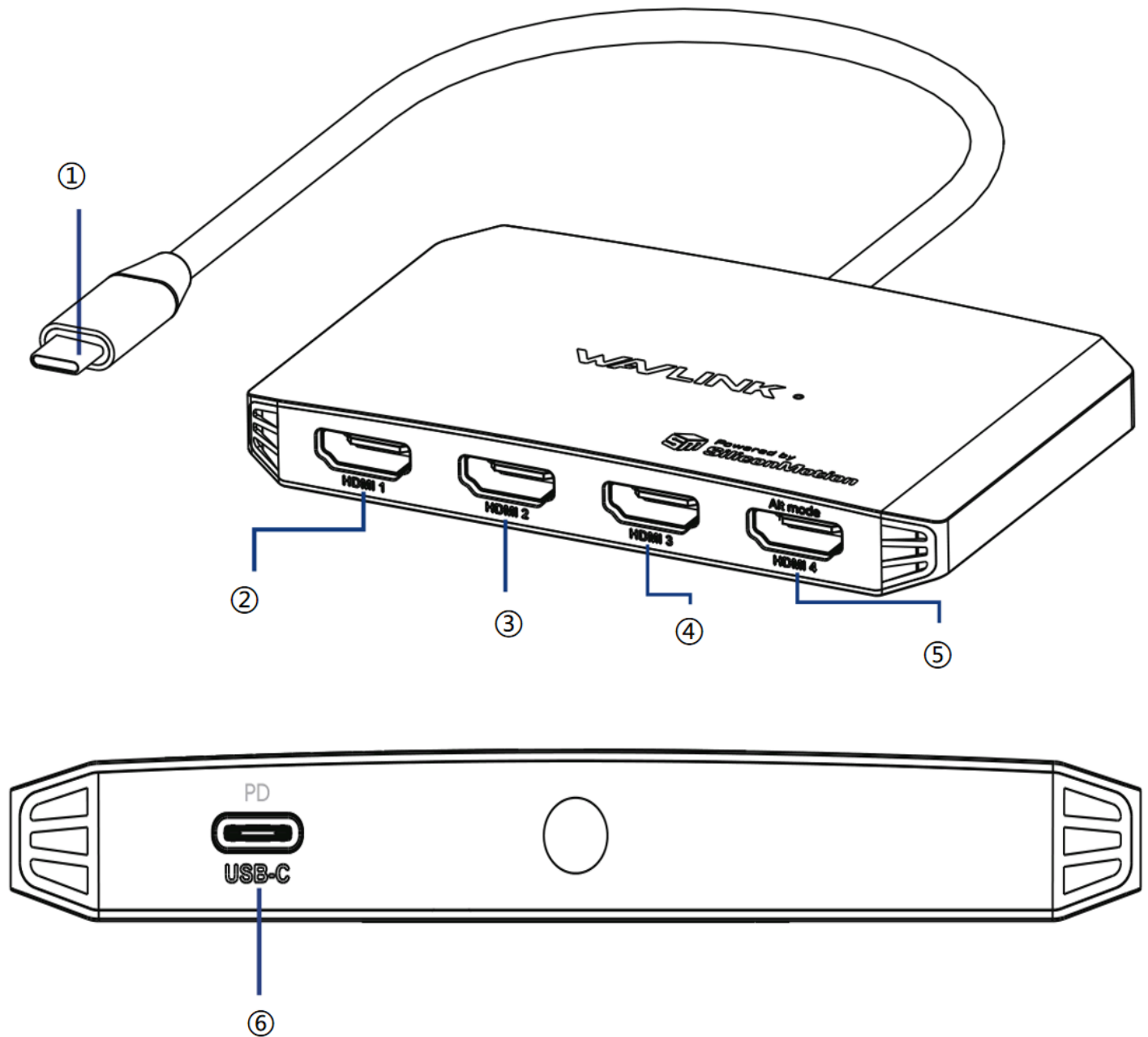
At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.



Chapter 1 Basic Information

- [OVERVIEW](#)
- [IN THE BOX](#)

OVERVIEW



- ① USB-C Connector
- ② HDMI 1
- ③ HDMI 2

- ④ HDMI 3
- ⑤ HDMI 4 (Alt Mode)
- ⑥ USB-C (PD-IN)

IN THE BOX

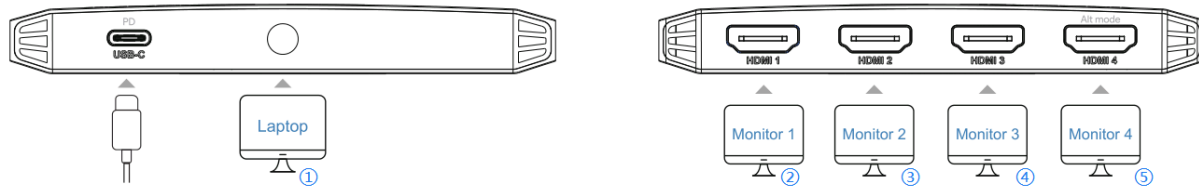
- 1 x Quick Start Guide
- 1 x Quad 4K Universal Display Adapter

Chapter 2 Connection and Installation

- [HOW TO CONNECT](#)
- [DISPLAY RESOLUTION](#)
- [DRIVER INSTALLATION](#)

HOW TO CONNECT

Note: Before connecting, please ensure the host computer has installed the Driver(refer to Driver Installation).



- ① Laptop
- ② Monitor 1
- ③ Monitor 2
- ④ Monitor 3
- ⑤ Monitor 4

Step 1: Connect your host device (e.g., laptop) to the USB-C connector on the display adapter.

Step 2: To enable power delivery, use a PD-compatible charger and connect it to the USB-C (PD IN)port.

Step 3: Connects to monitors, this adapter supports max. 4 displays, please select one/two/three/four of them to extend/mirror the screen.

DISPLAY RESOLUTION

Scenarios	Systems	Connected with USB-C port on computer Extend & Mirror
Single Display	Windows & macOS	Single 4K@144Hz (Alt mode) or Single 4K@60Hz
Dual Display	Windows & macOS	Single 4K@60Hz+Single 4K@144Hz (Alt mode) or Dual 4K@60Hz
Three Display	Windows & macOS	Dual 4K@60Hz + Single 4K@144Hz (Alt mode) or Three 4K@60Hz
Four Displays	Windows & macOS	Three 4K@60Hz + Single 4K@144Hz (Alt mode)

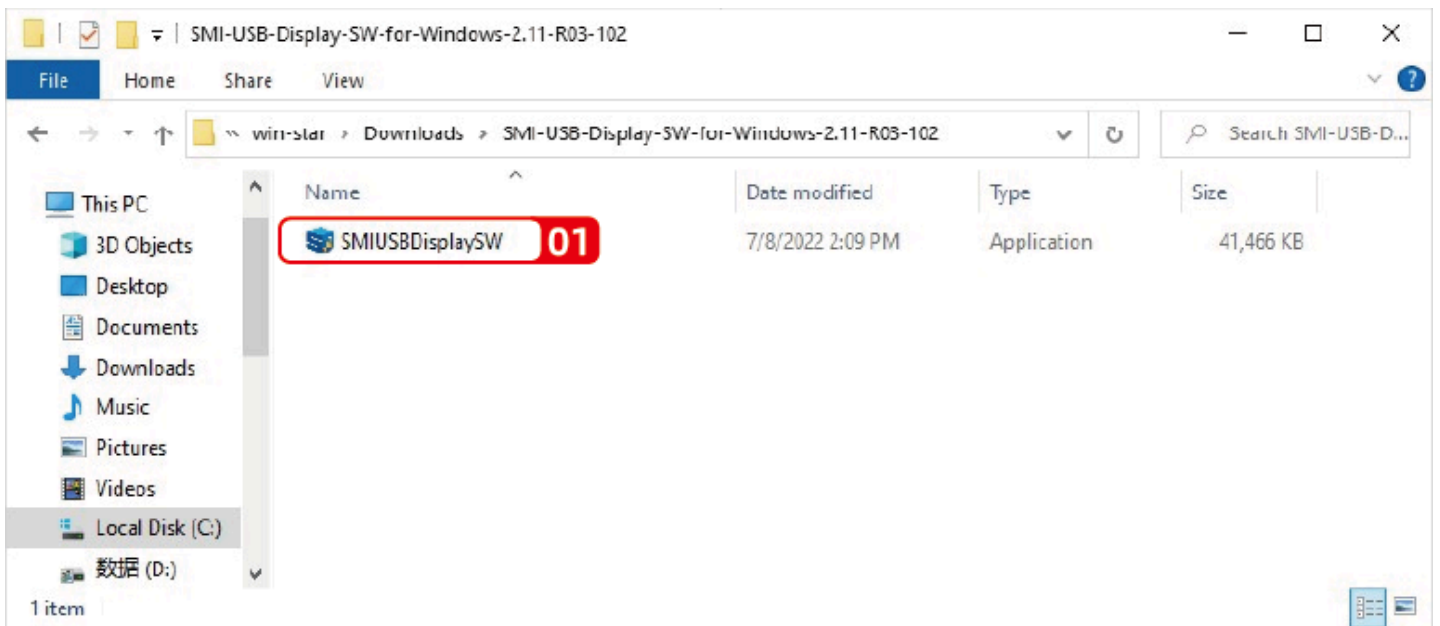
Note: 4K@144Hz is only available on DP1.4 and above with DSC enabled.

DRIVER INSTALLATION

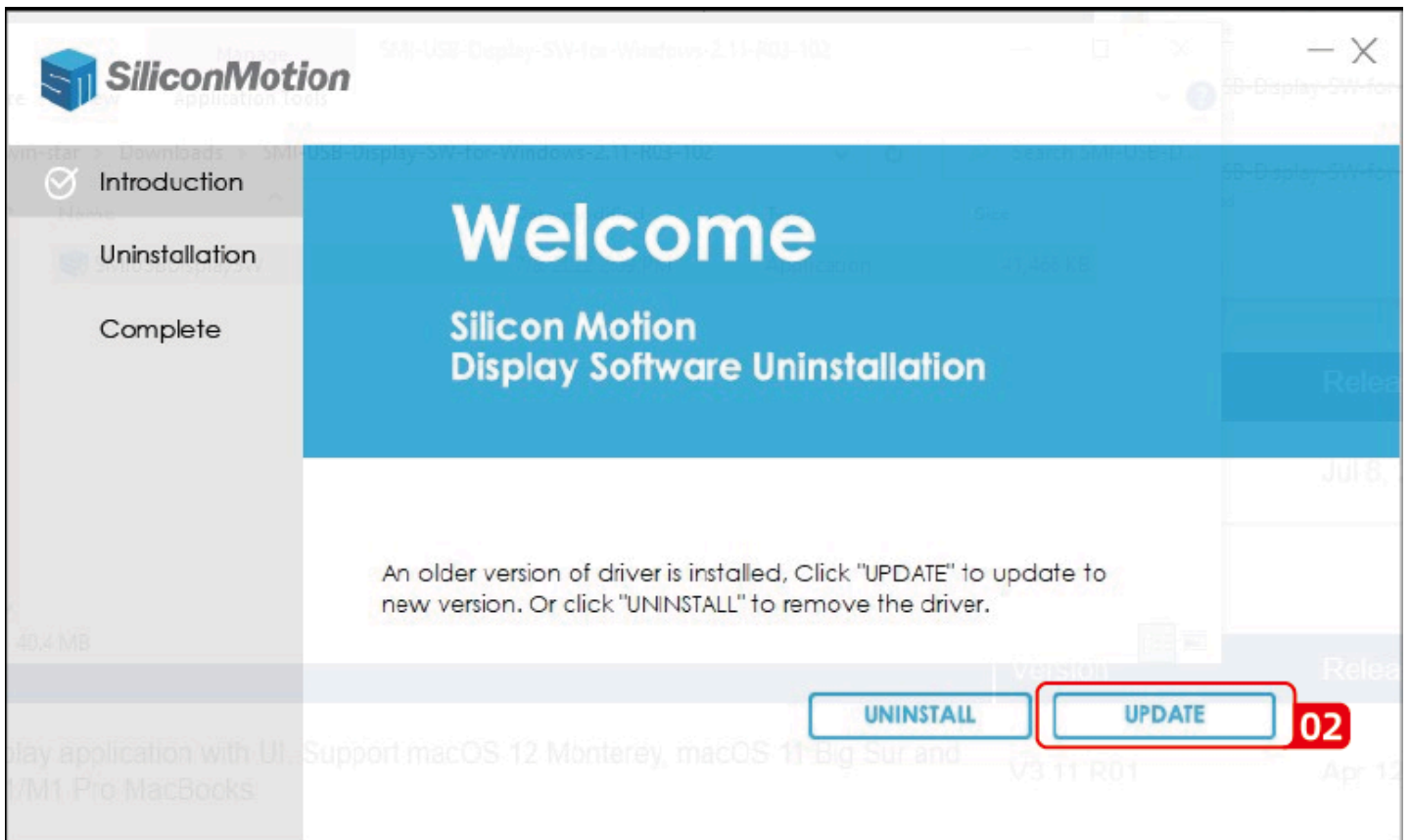
The Quad 4K Universal Display Adapter is based on Silicon Motion technology which manages the graphic function. It requires downloading and installing Silicon Motion driver to make it work, found here: www.wavlink.com > **SUPPORT** > **Driver search WL-UG7702H**

For Windows

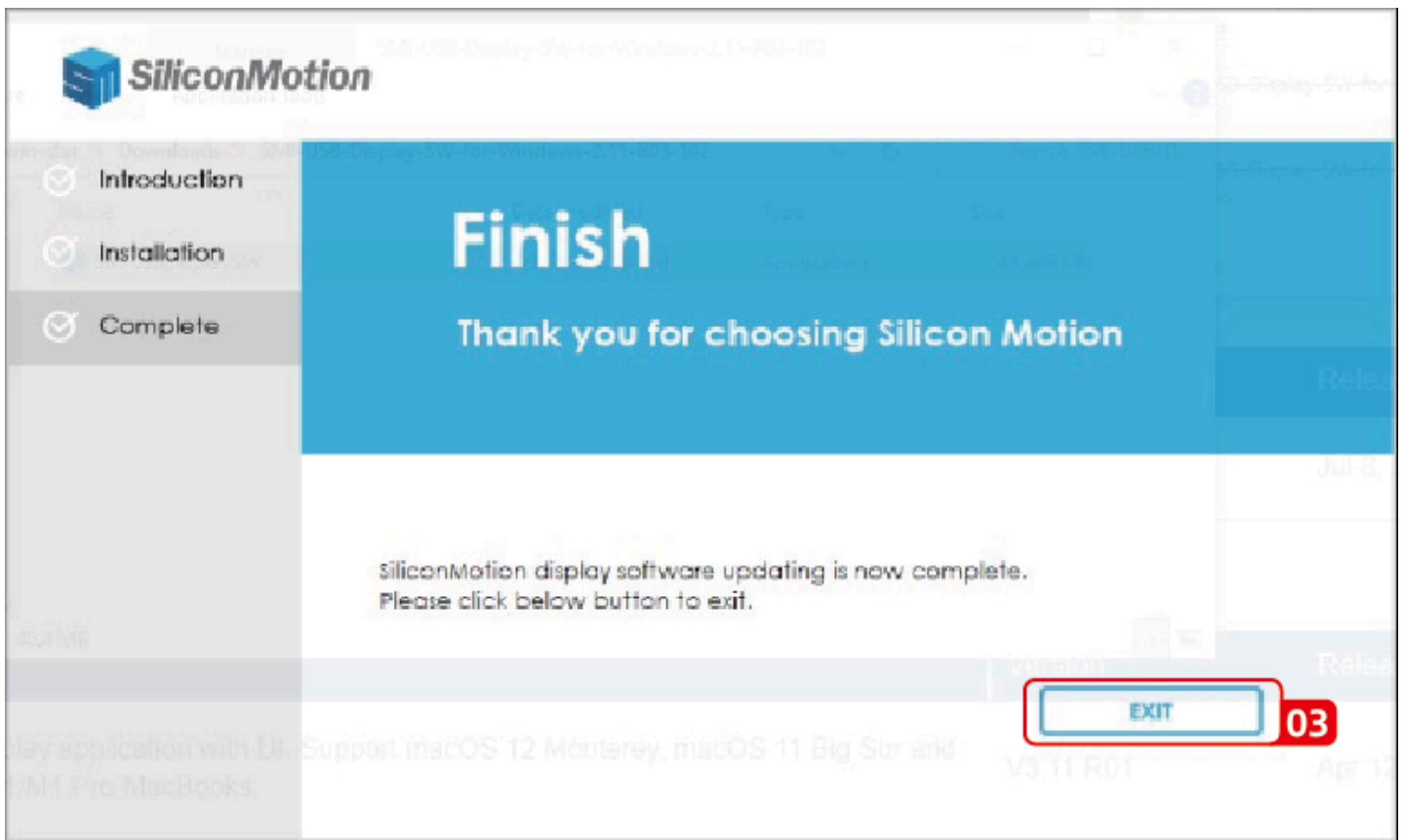
1. After extracting the file downloaded, click **SMIUSBDisplaySW(.exe)** in the extracted file.



2. Click **UPDATE**.



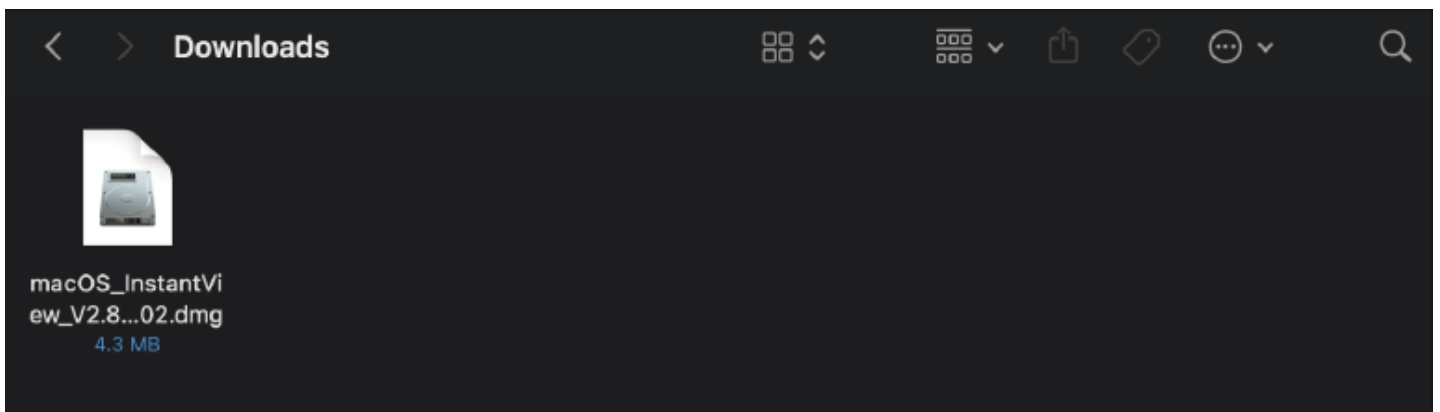
3. Click **EXIT** to finish the installation process.



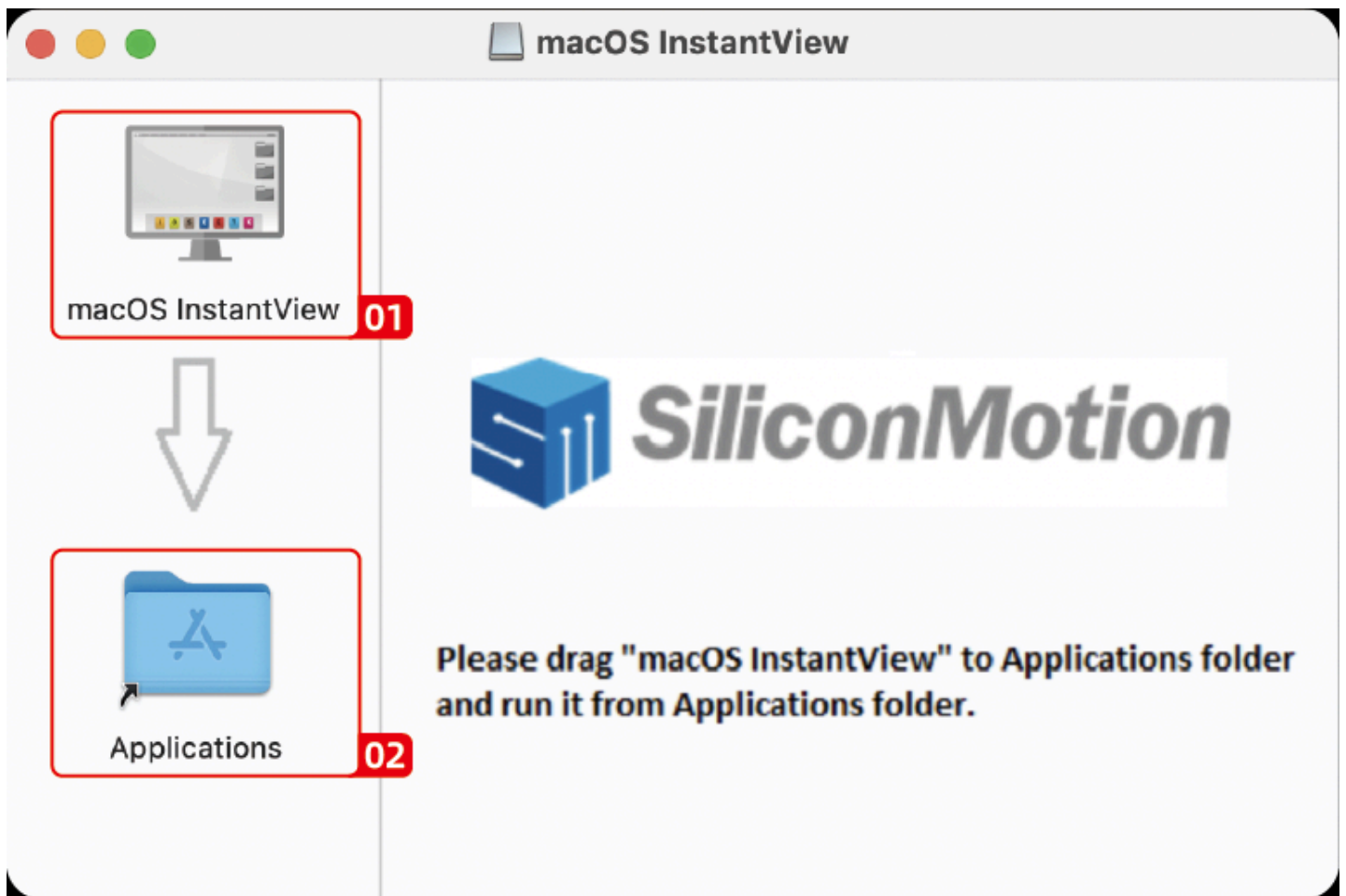
For Mac

Download the Silicone Motion InstantView application for Mac OS found here: www.wavlink.com/en_us/WL-UG7702H to find and manually install it.

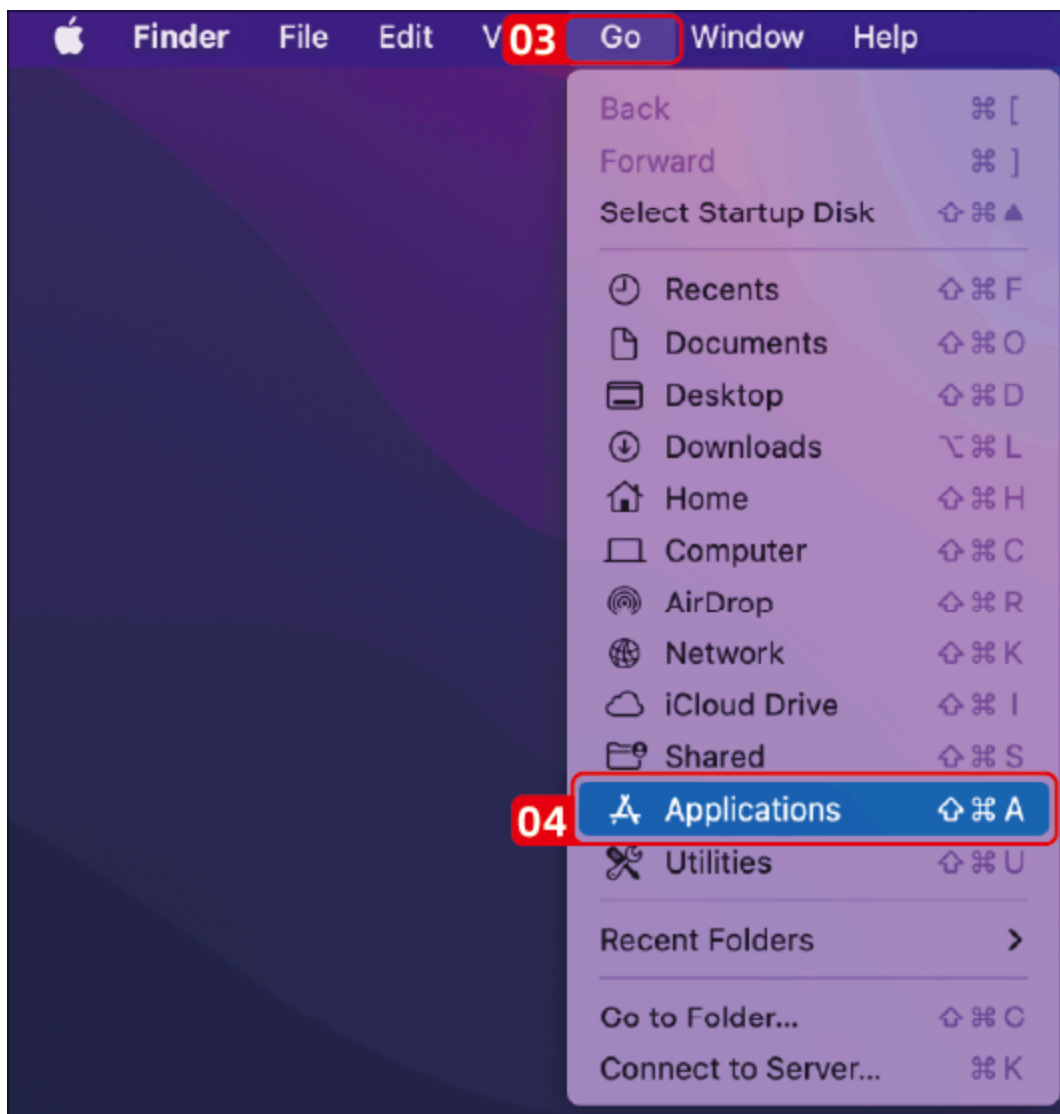
1. Double click on the file you downloaded to start the application installer.

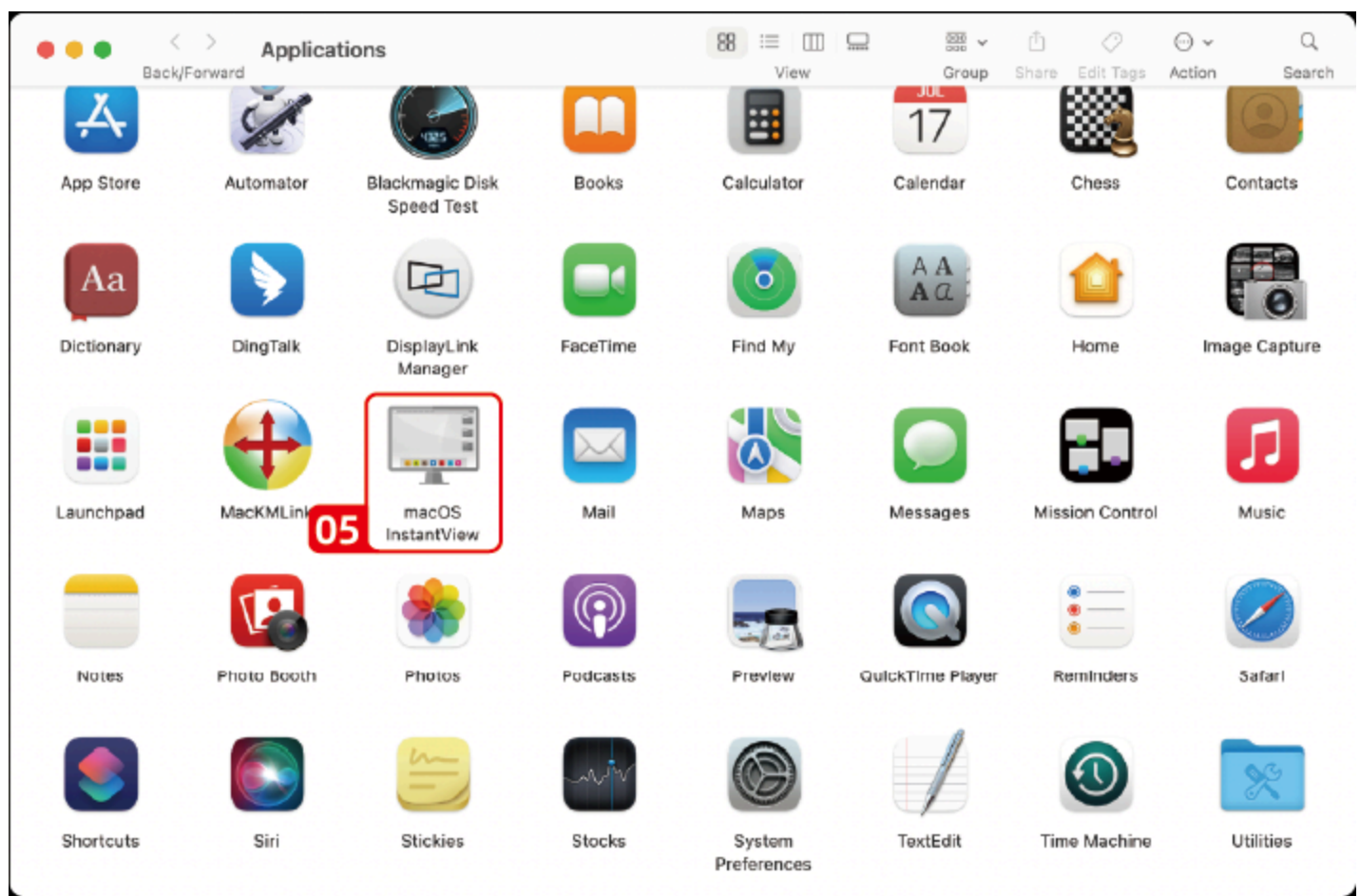


2. Drag the **macOS InstantView** application icon into the **applications** folder in the open window.

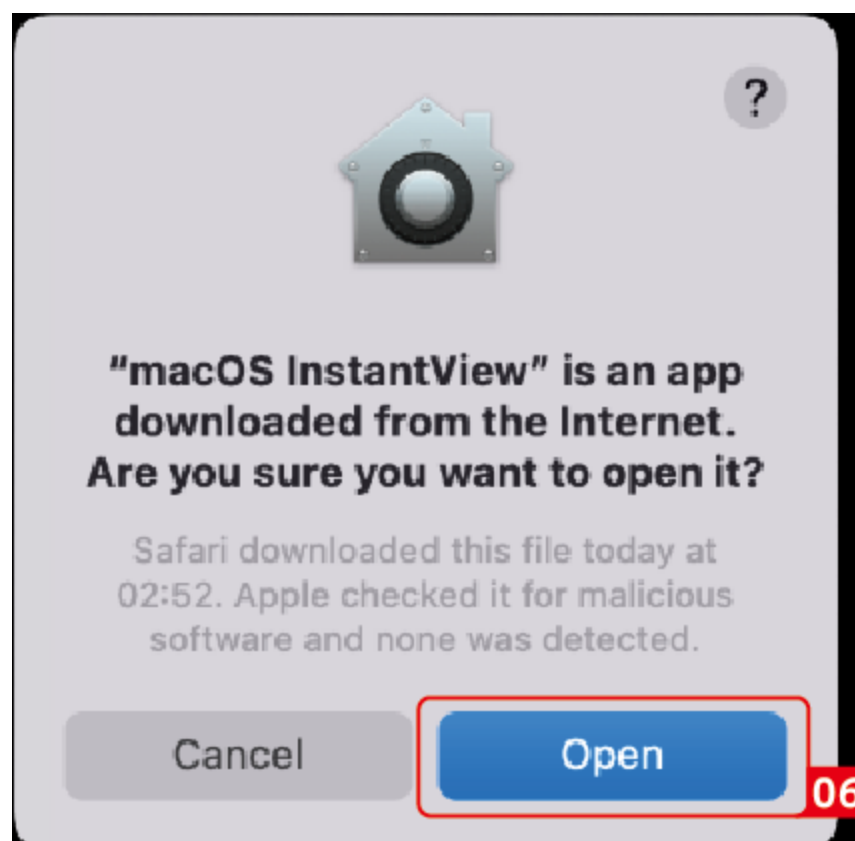


3. Navigate to your launchpad or applications folder to find the **macOS InstantView** and double click to launch it.

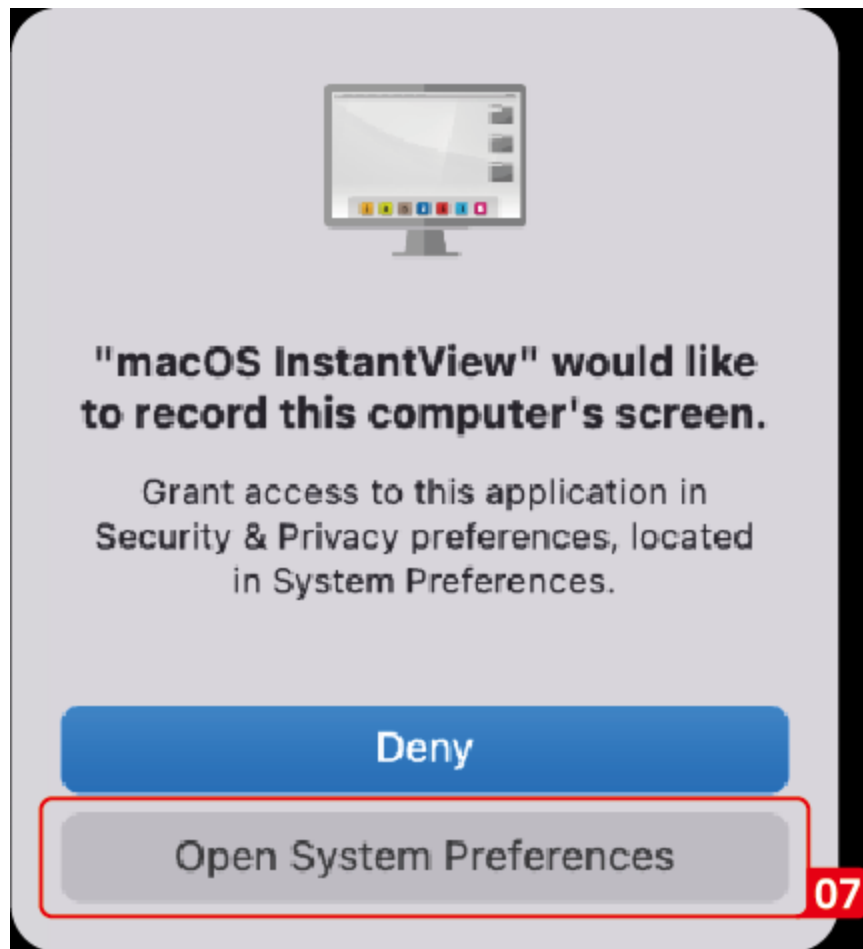




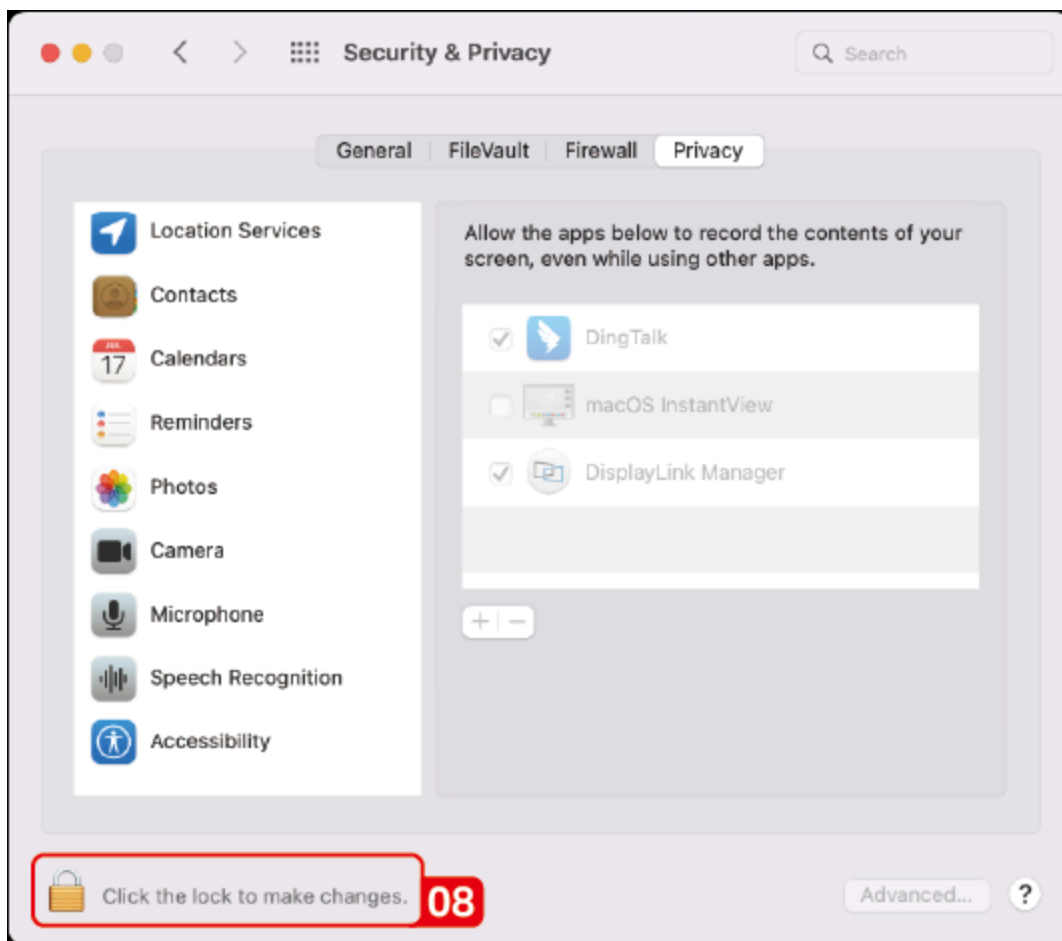
4. Click **Open**.



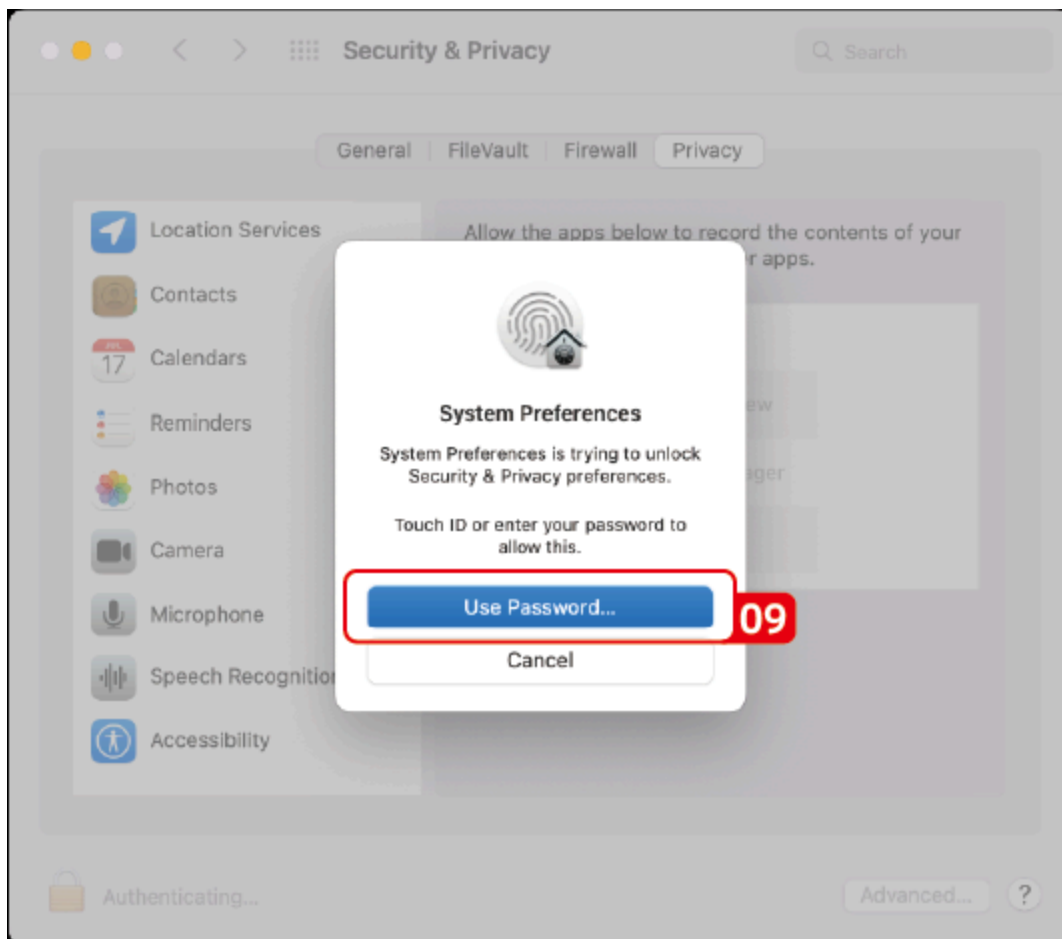
5. Click **Open System Preferences**. (Note: this should automatically open the **Security and Privacy** section, but if it does not, you can manually open the **Security and Privacy settings**.)

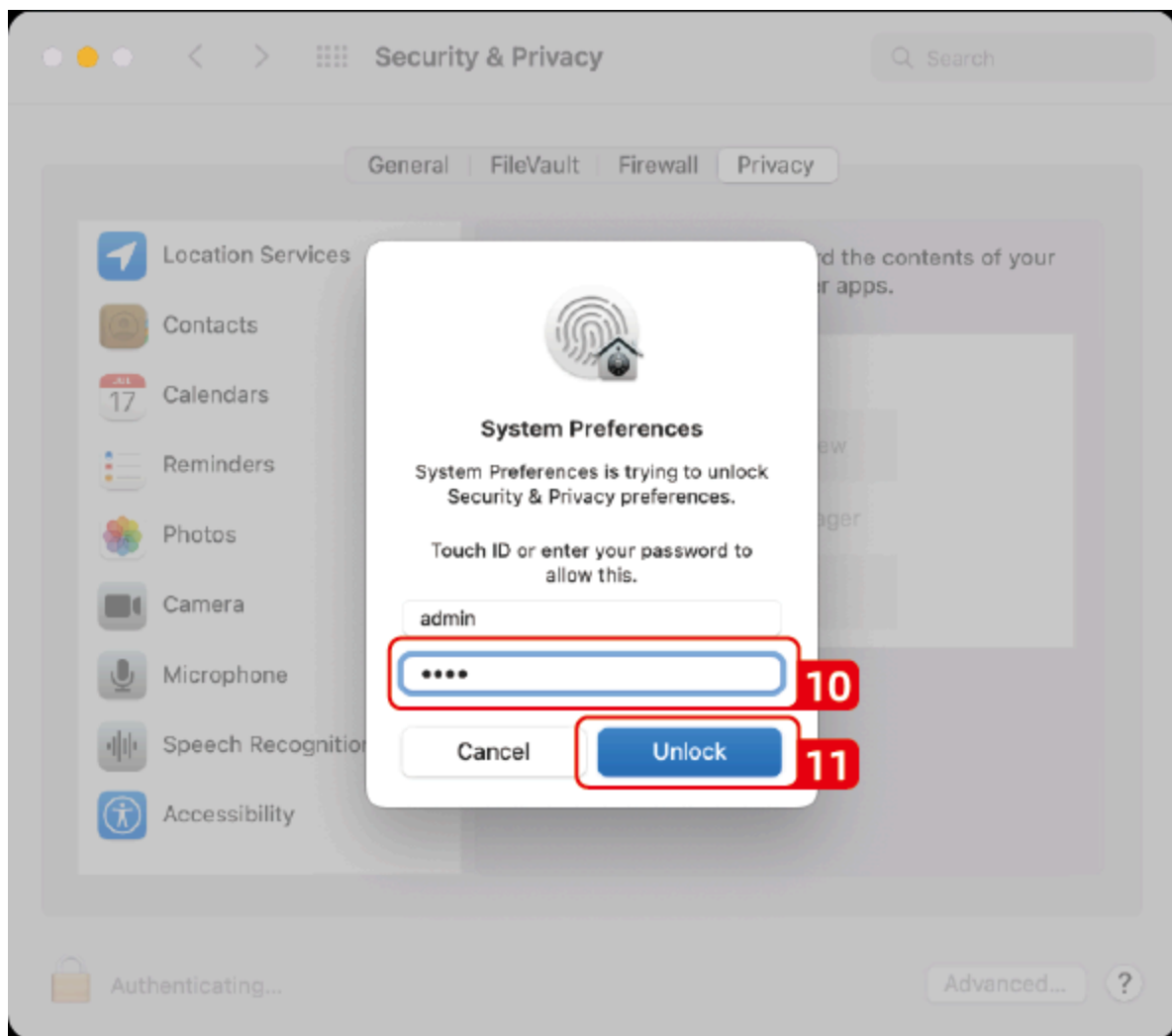


6. Click on the gold pad lock on the bottom of the application window to enable changes.

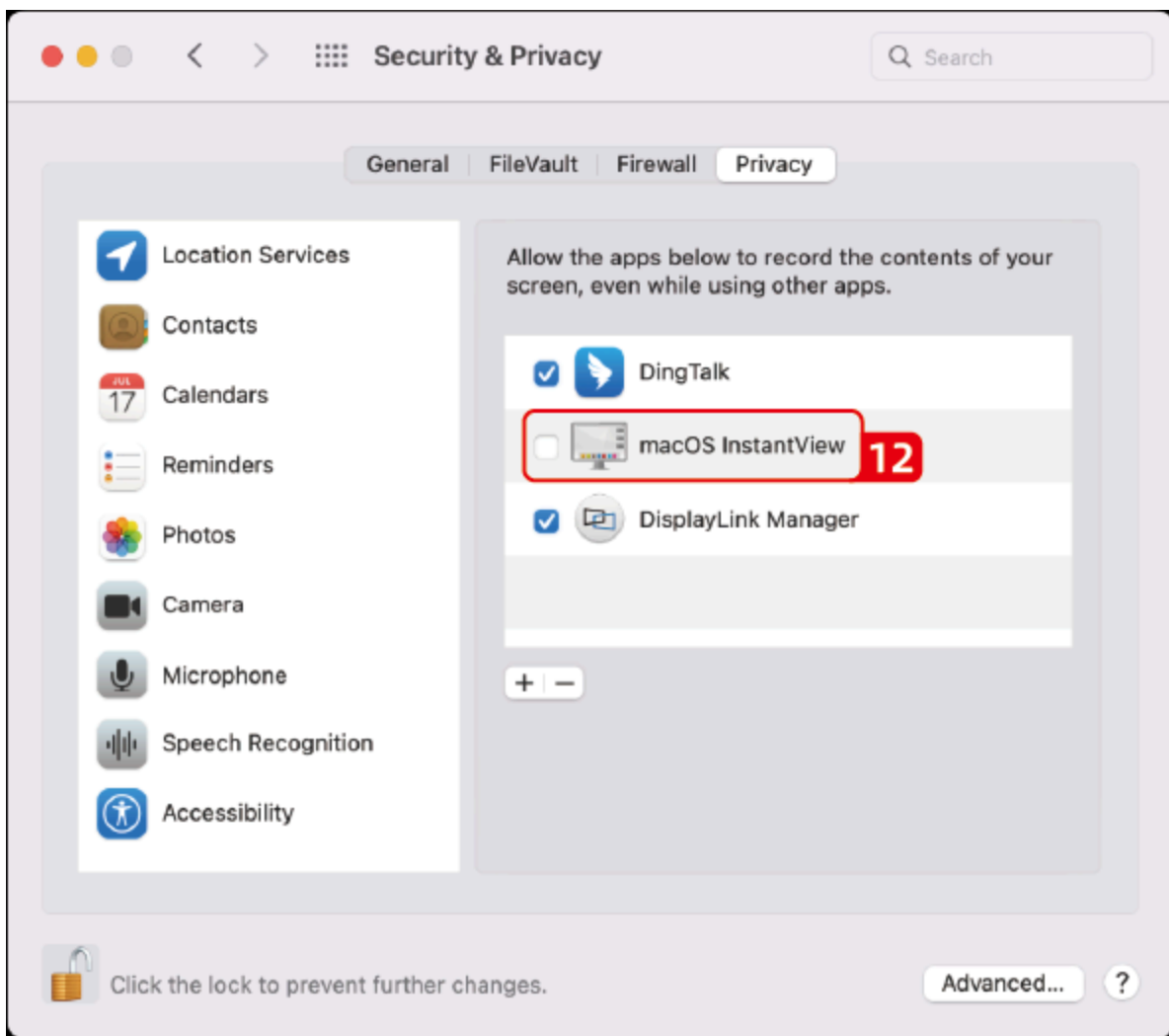


7. If prompted, enter your password and click the **Unlock** button.

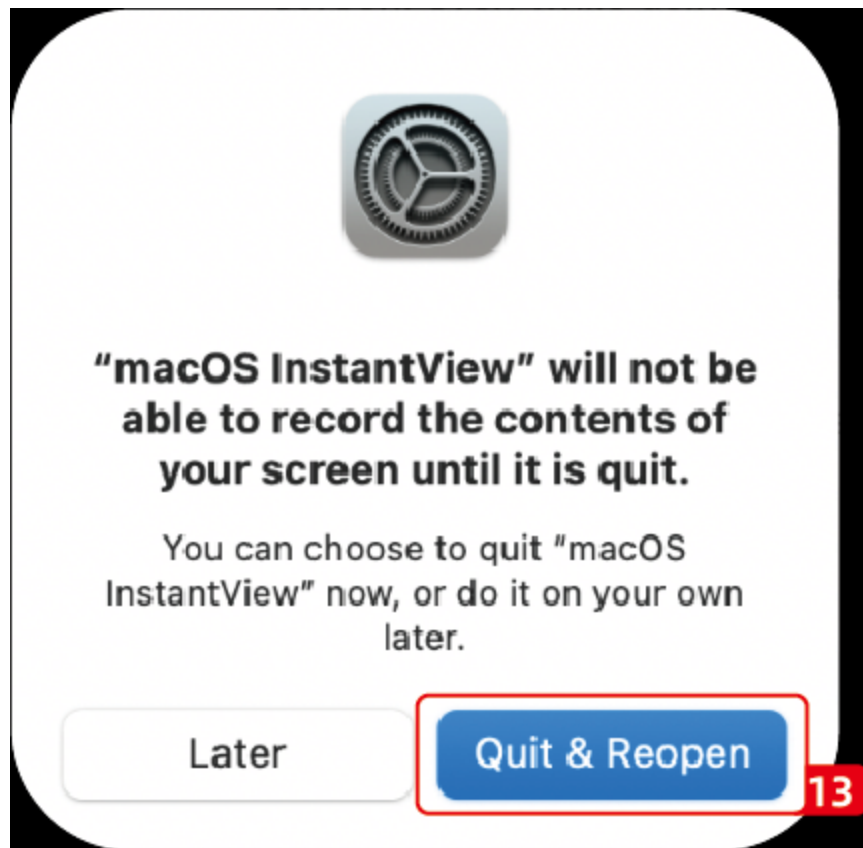




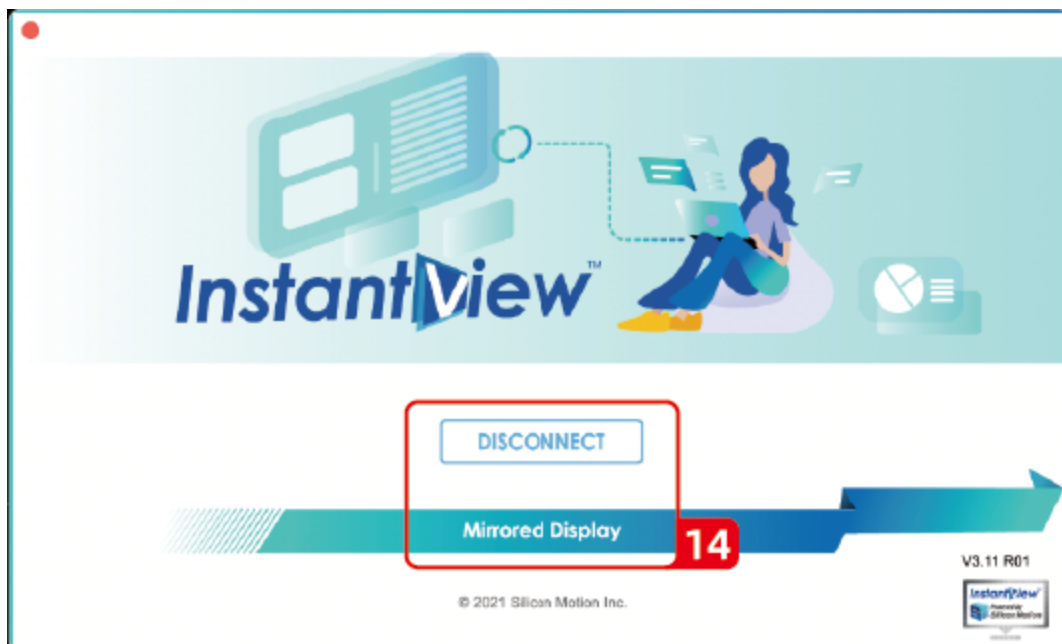
8. Click to and place a check mark next to the macOS InstantView entry.



9. You will be prompted to **Quit and Reopen** the InstantView application in order for the change take effect. So please do so:



10. The software has now been installed and you may connect your graphics adapter or docking station.
11. When the computer is connected to the docking station for the first time, the following window will appear after the driver is started. You can choose to disconnect or mirror the screen according to your personal usage. In addition, you can also close this window and go to the system settings to set the screen.



Chapter 3 Display Mode Settings and FAQ

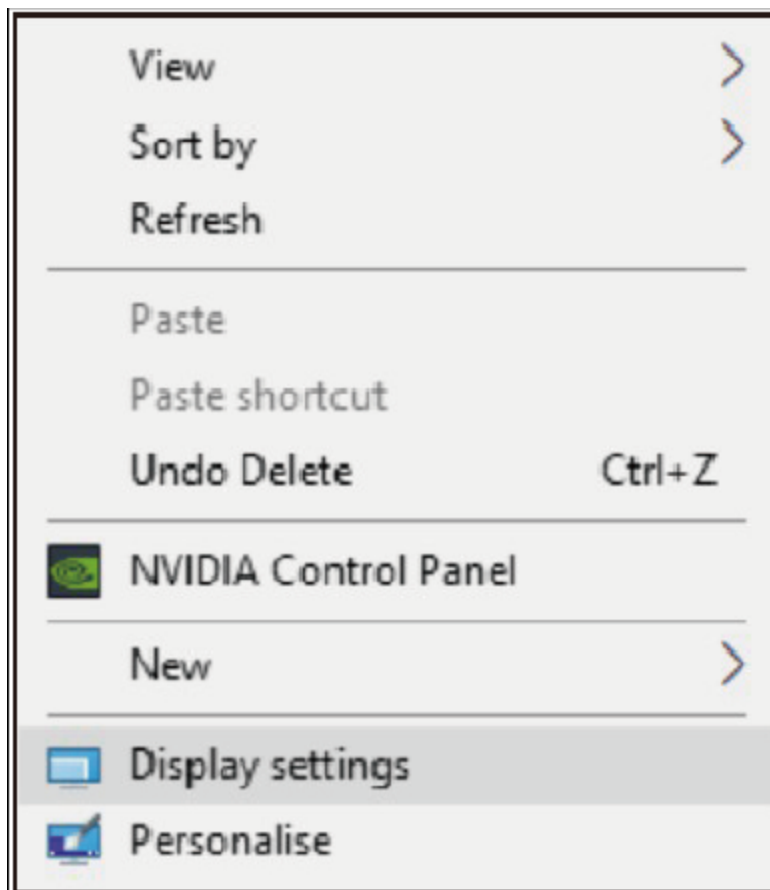
- [Display Mode Setting](#)
- [FAQ](#)
- [After Sales](#)

Display Mode Setting

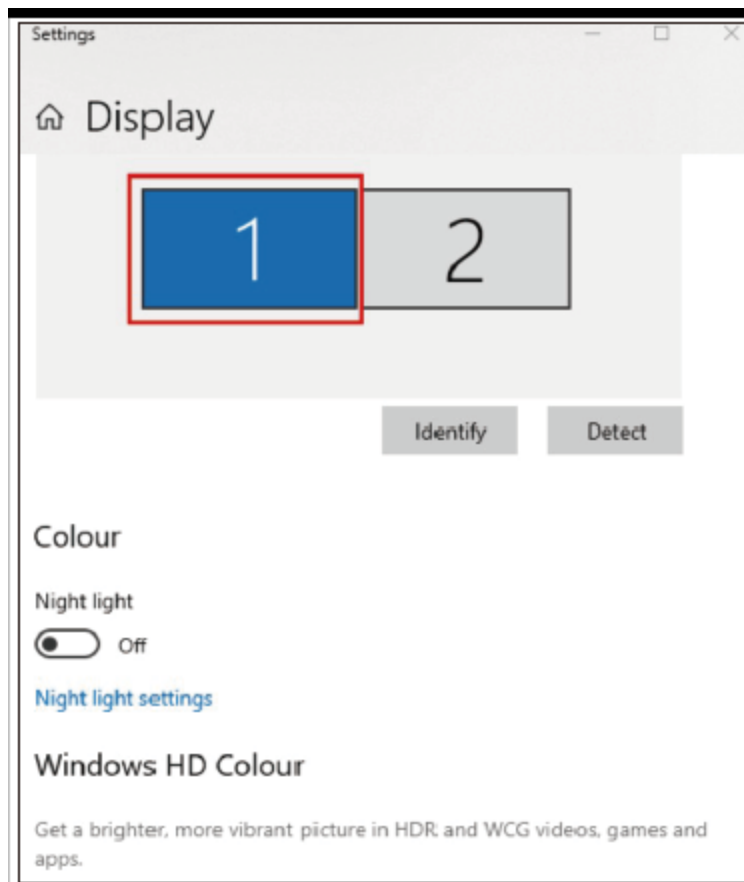
Before configuring the settings, please make sure this docking station has been connected to your laptop and monitors correctly.

For Windows

1. Right-click→ **Display settings**.



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



3. Scroll down to the **Multiple displays**, and select the mode in the drop-down list that is fit for your need.

Multiple displays

Duplicate these displays

Extend these displays

Show only on 1

Show only on 2

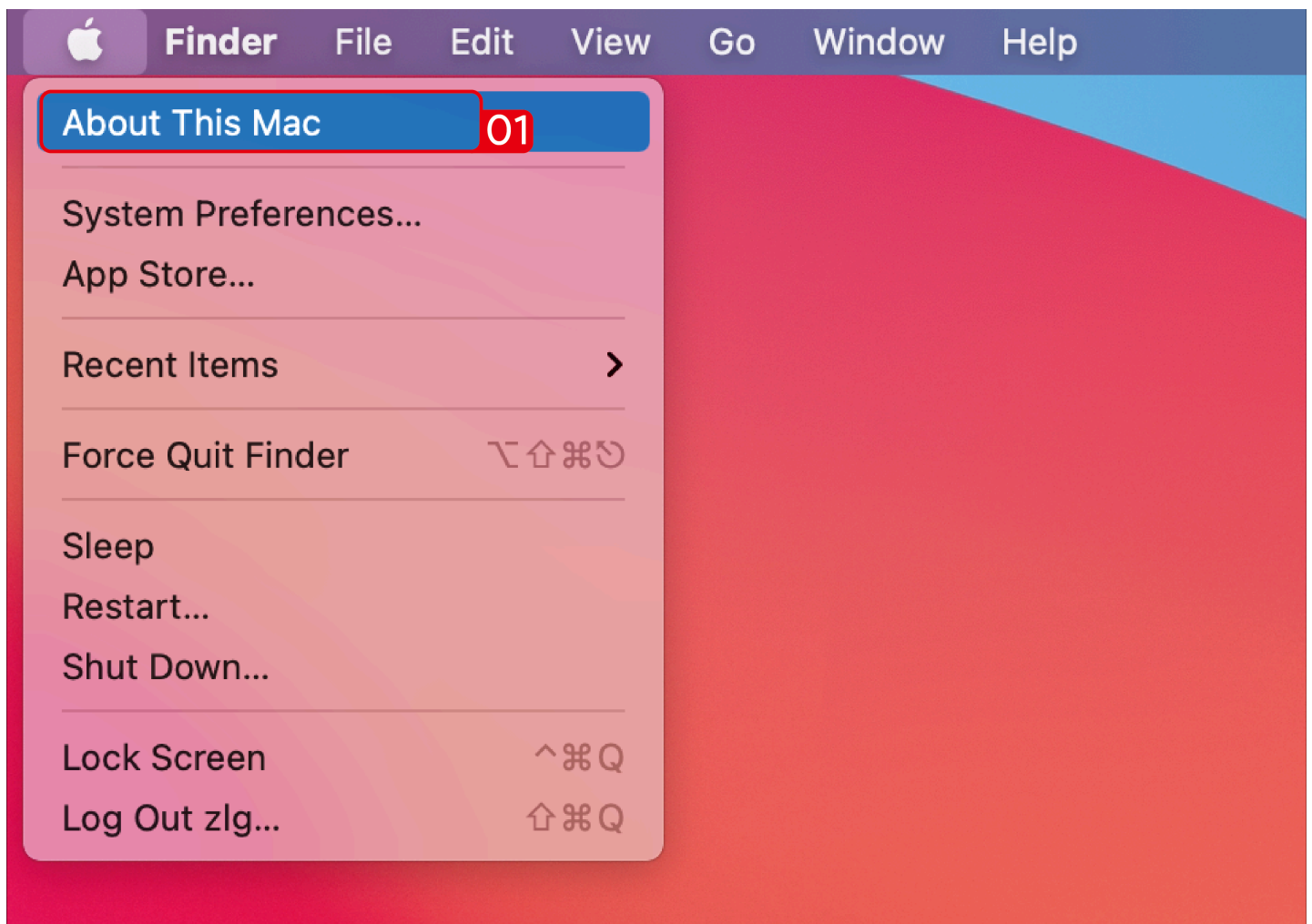
[Connect to a wireless display](#)

[Advanced display settings](#)

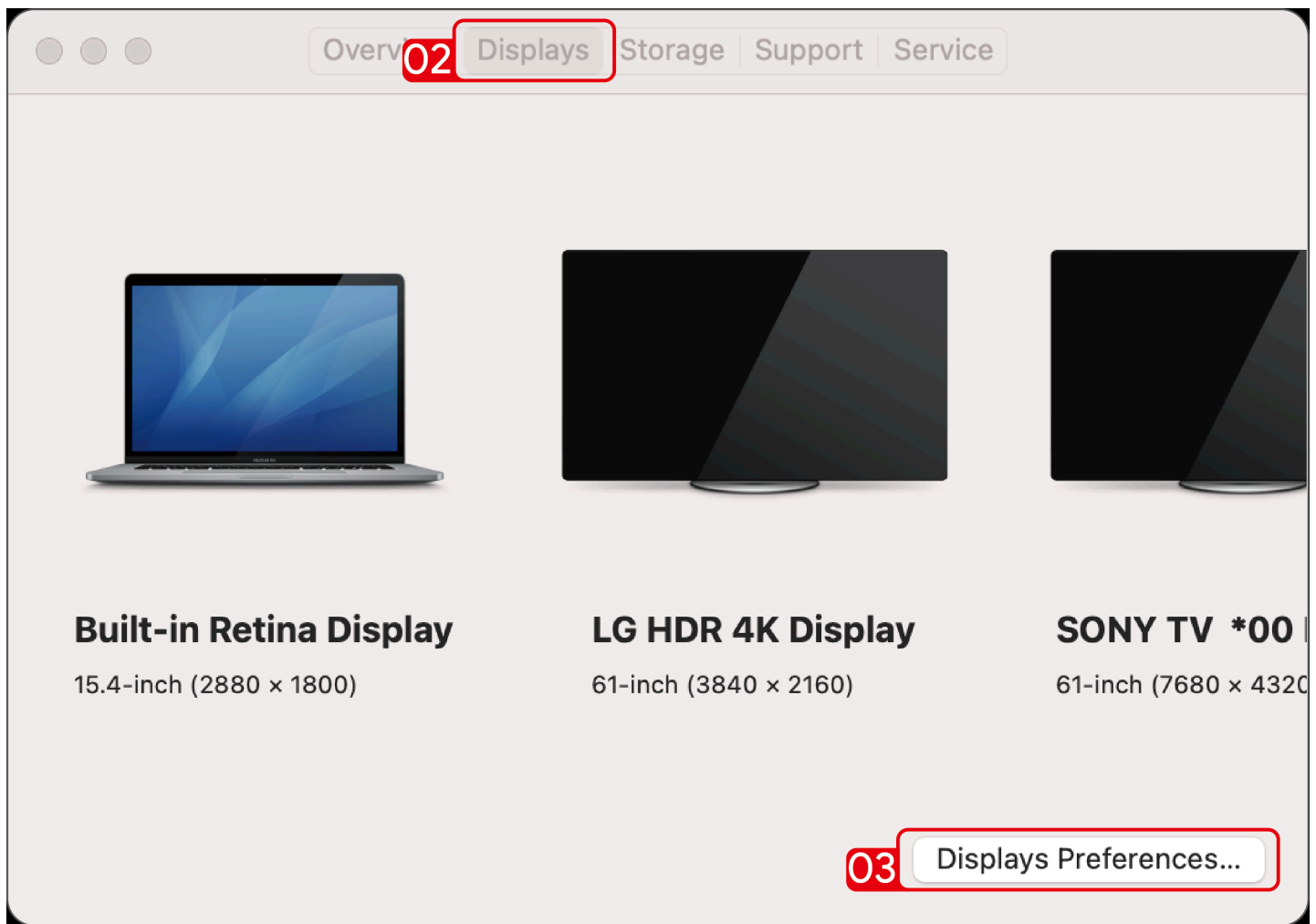
[Graphics settings](#)

For Mac OS

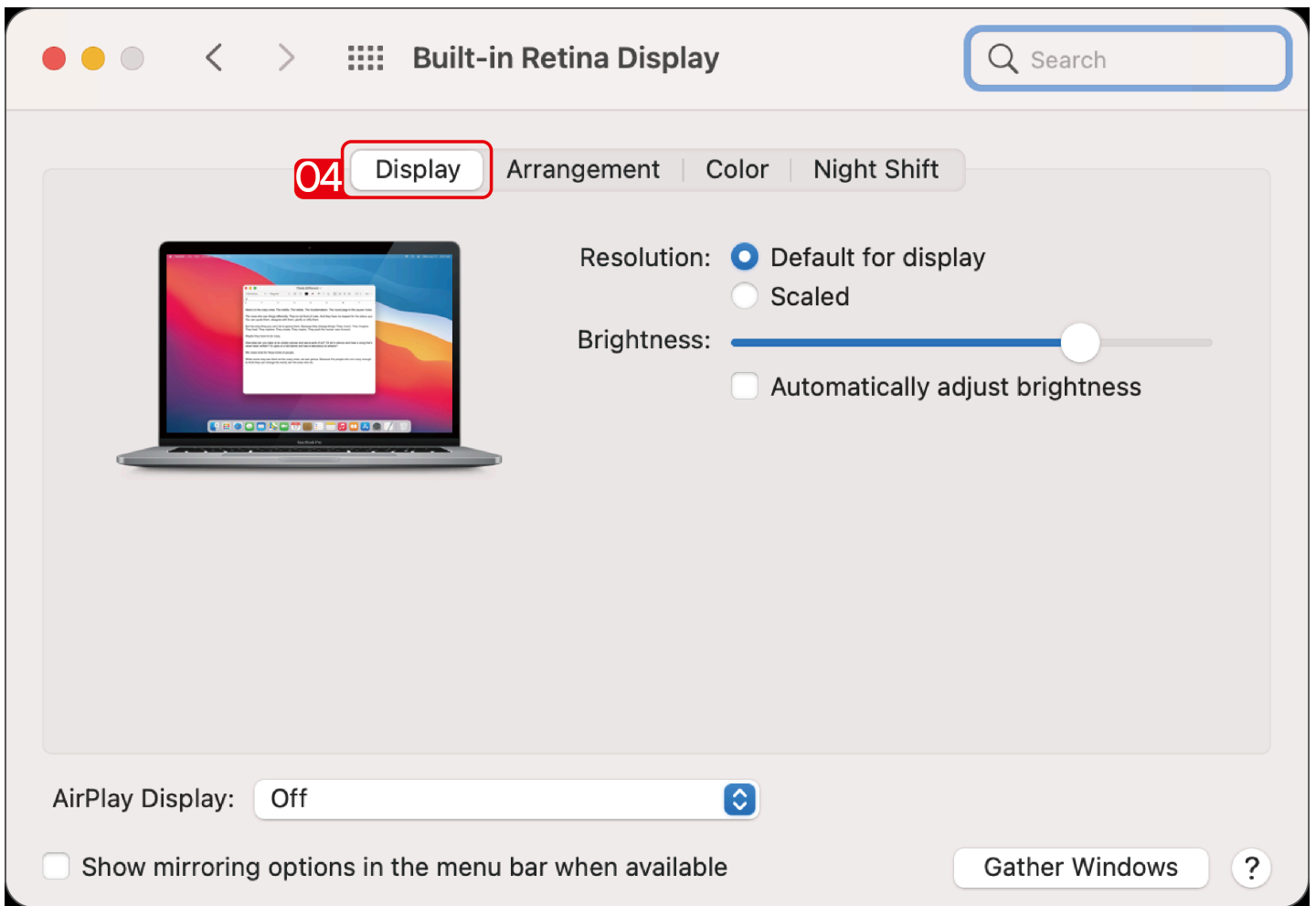
1. Click **Apple** icon→ **About This Mac**.



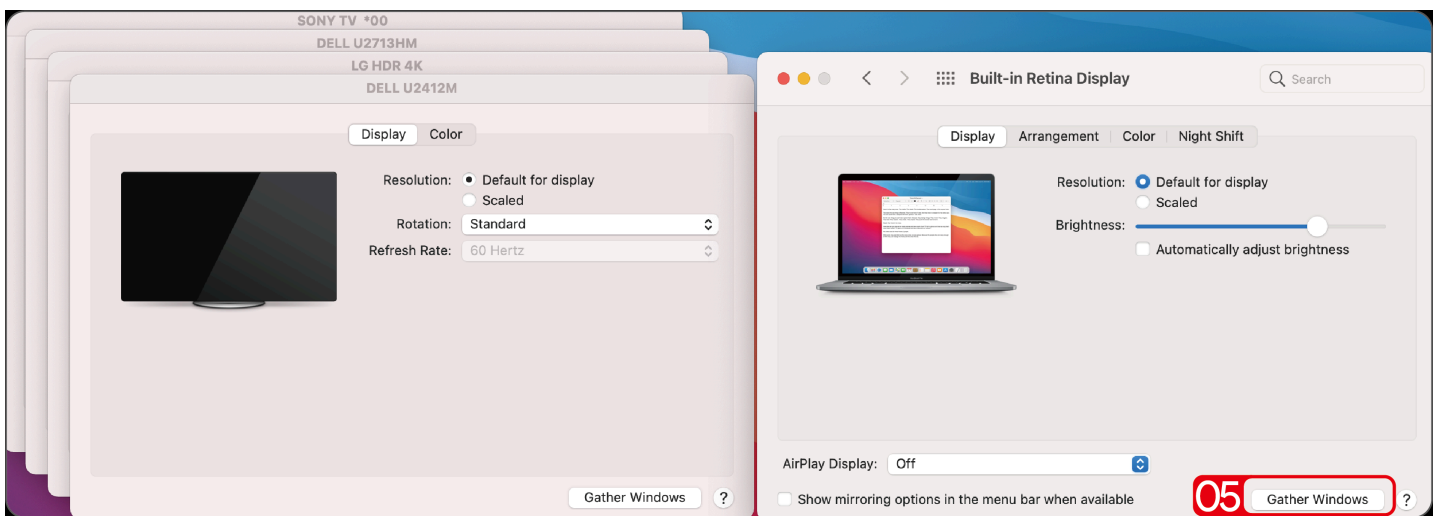
2. Click **Displays** → **Displays Preferences**.



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

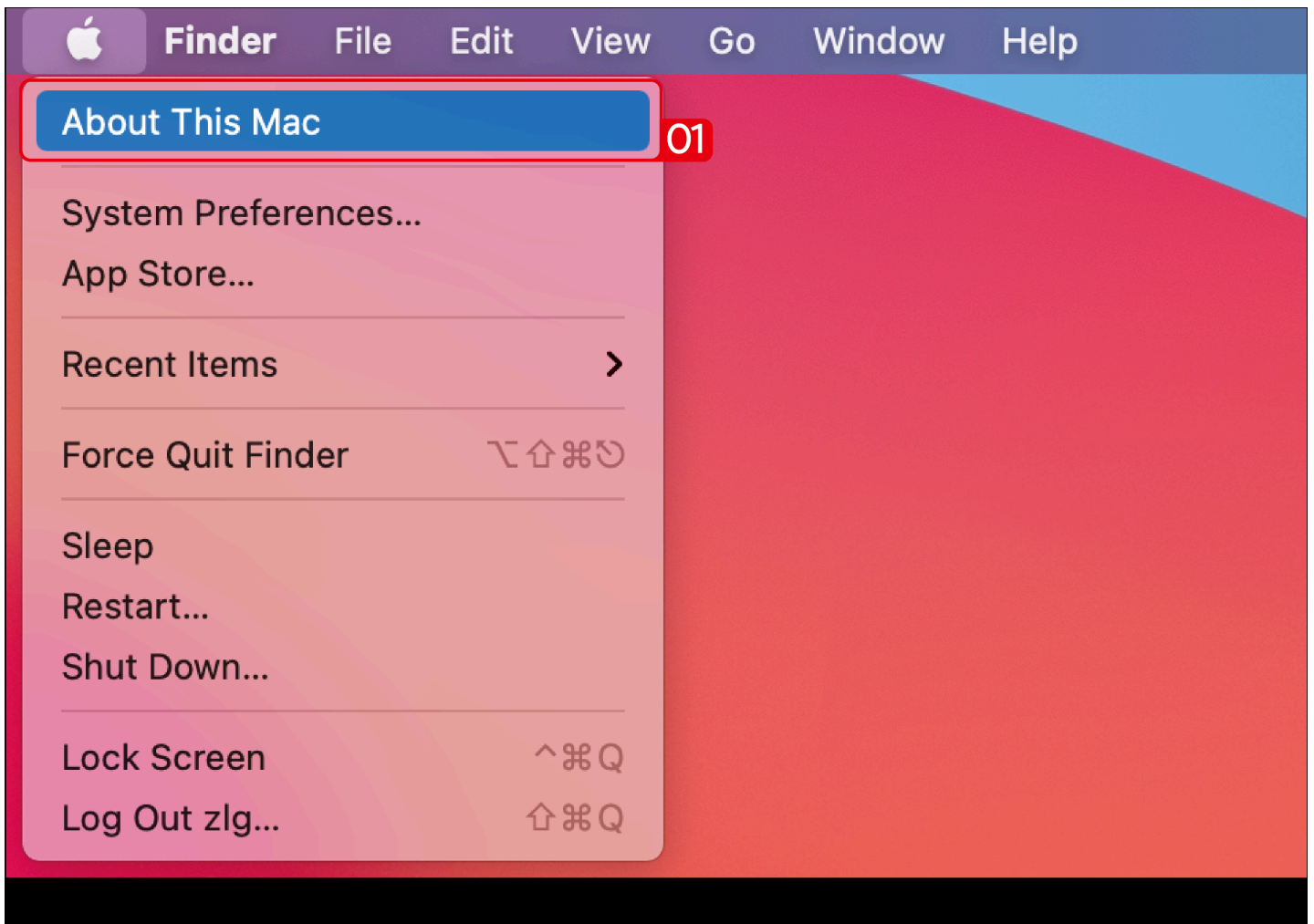


4. Or click **Gather Windows** to gather all connected displays and make separate settings.

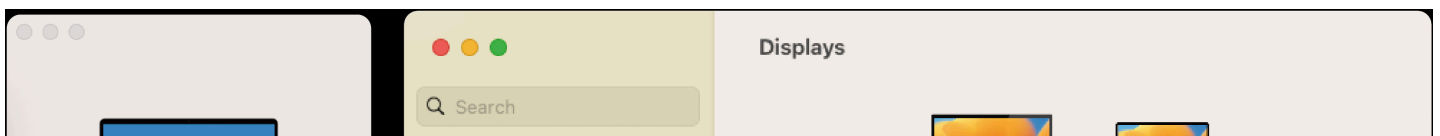


For Mac OS X13

1. Click **Apple** icon→ **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.



FAQ

Q1. Why does the App want to record my screen when I install the App for my Macbook?

A1. Mac OS requires users to permit “Screen Recording” for the Silicon Motion driver to work properly. But the Silicon Motion will not send any information to the Wavlink and the Silicon Motion. Please do not worry about that.

Q2. Why can't the Apple TV, Hulu, and Netflix play when the docking station is connected?

A2. The docking could not support HDCP, so protected content such as Apple TV, Hulu, and Netflix can't play when the docking station is connected. Please disconnect it when you are playing these videos. Or you could also try to use the Chrome browser to watch these videos and disable the Hardware Acceleration.

After Sales