see the world

Triple Display 4K Docking Station

Model: WL-UG77PD1 PRO

@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
Underlined	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.

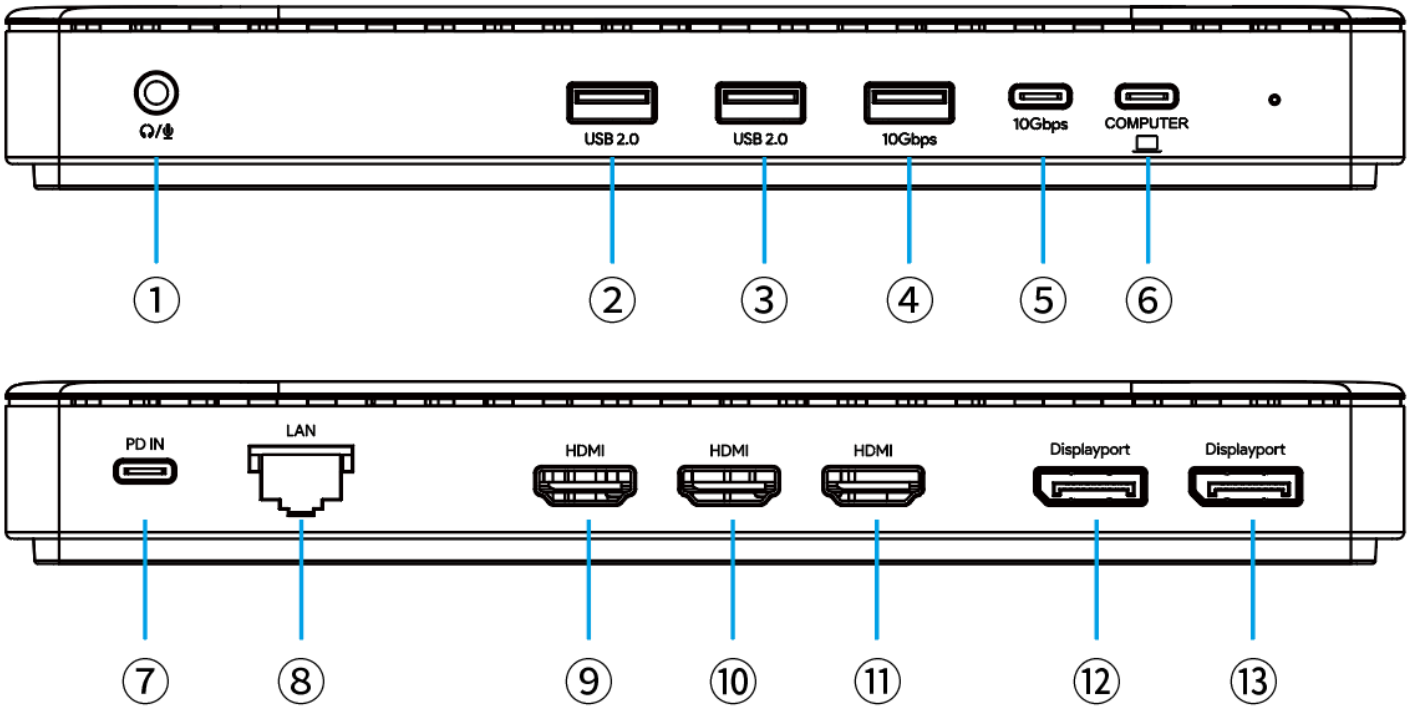
WEEE Directive & Product Disposal

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 Overview

- Overview
- System Requirements
- In the Box

Overview



① 4-Pole Phone Jack

② USB-A 2.0

③ USB-A 2.0

④ USB-A 10G

⑤ USB-C 10G

⑥ USB-C Upstream (Host, PD 100W)

⑦ PD IN (120W)

⑧ LAN (2.5G)

⑨ HDMI

⑩ HDMI

⑪ HDMI

⑫ Displayport

⑬ Displayport

System Requirements

- Microsoft Windows 10/11
- Mac OS 13 or later
- Compatible with Thunderbot 4/3, USB3.1/3.0, and legacy USB-A port laptops

In the Box

- 1 × Triple Display 4K Docking Station
- 1 × USB-C to USB-C Cable with USB-C to USB-A Adapter(1M)
- 1 × GAN Power Adapter
- 1 × Quick Start Guide

Chapter 2 How to Connect

This chapter introduces the steps of connecting the docking station.

Ensuring the driver has been installed before using this Docking Station.

Step 1: Connect the Host

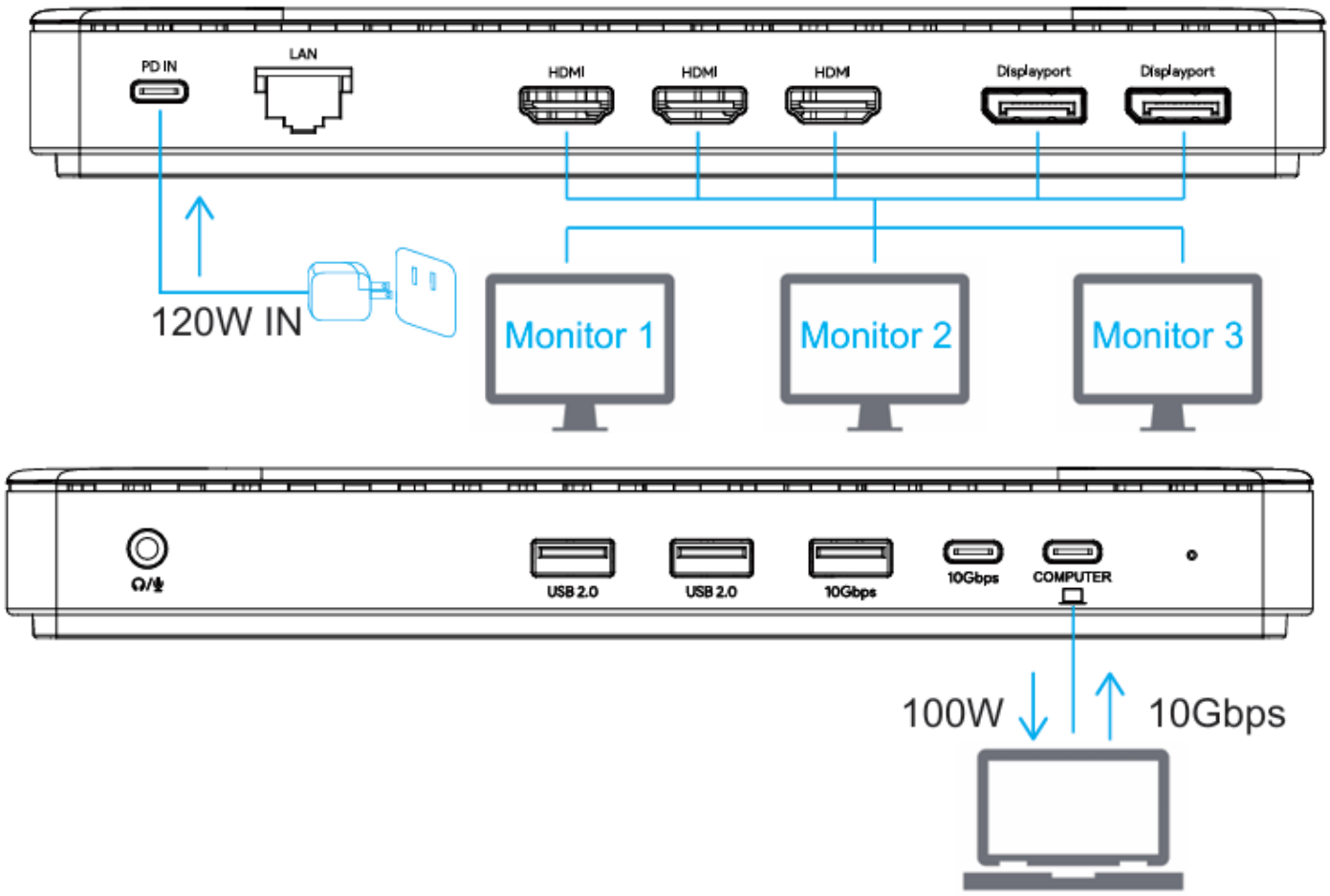
Connect one end of the USB-C cable to the USB-C Upstream port of the docking station, then connect the other end to the USB-C on the computer. (If it is a USB-A port, then use the USB-C to USB-A Adapter to connect.)

Step 2: Connect the Monitors

This docking station supports up to 3 displays, please select any one/ two/three of them to extend or mirror the screen.

Step 3: Connect the Power

Connect one end of a power adapter to the PD IN, then plug the other end of it into the power outlet.



Chapter 3 Display Resolution

Items		Extend	Mirror
Single Display	Windows	3840x2160@60Hz	
	Mac		
Dual Display	Windows	3840x2160@60Hz	
	Mac		
Triple Display	Windows	3840x2160@60Hz	
	Mac		

Chapter 4 Driver Installation

This chapter introduces the steps of driver installation.

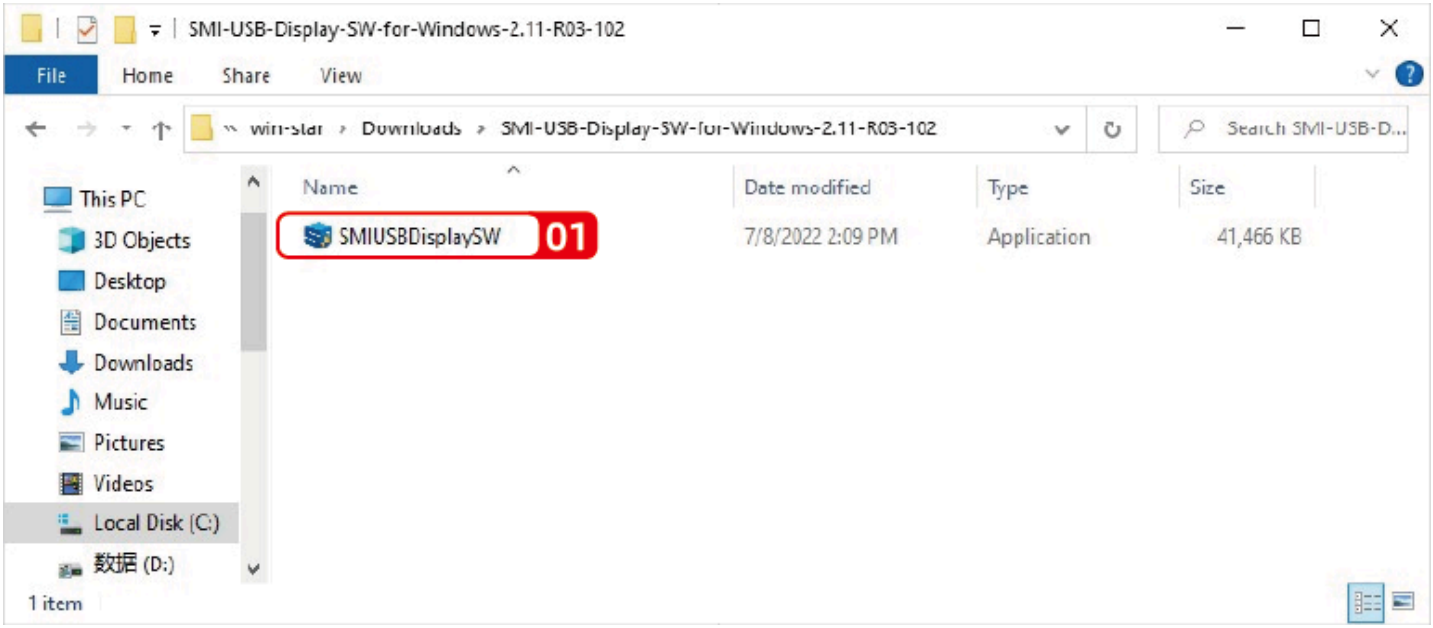
• For Windows

• For Mac

Before using this adapter, please make sure the latest PC/laptop driver has been installed. If driver can not be installed automatically, please visit www.wavlink.com/en_us/WL-UG77PD1-PRO or enter https://www.siliconmotion.com/downloads/SM770-drivers.html to find and install it.

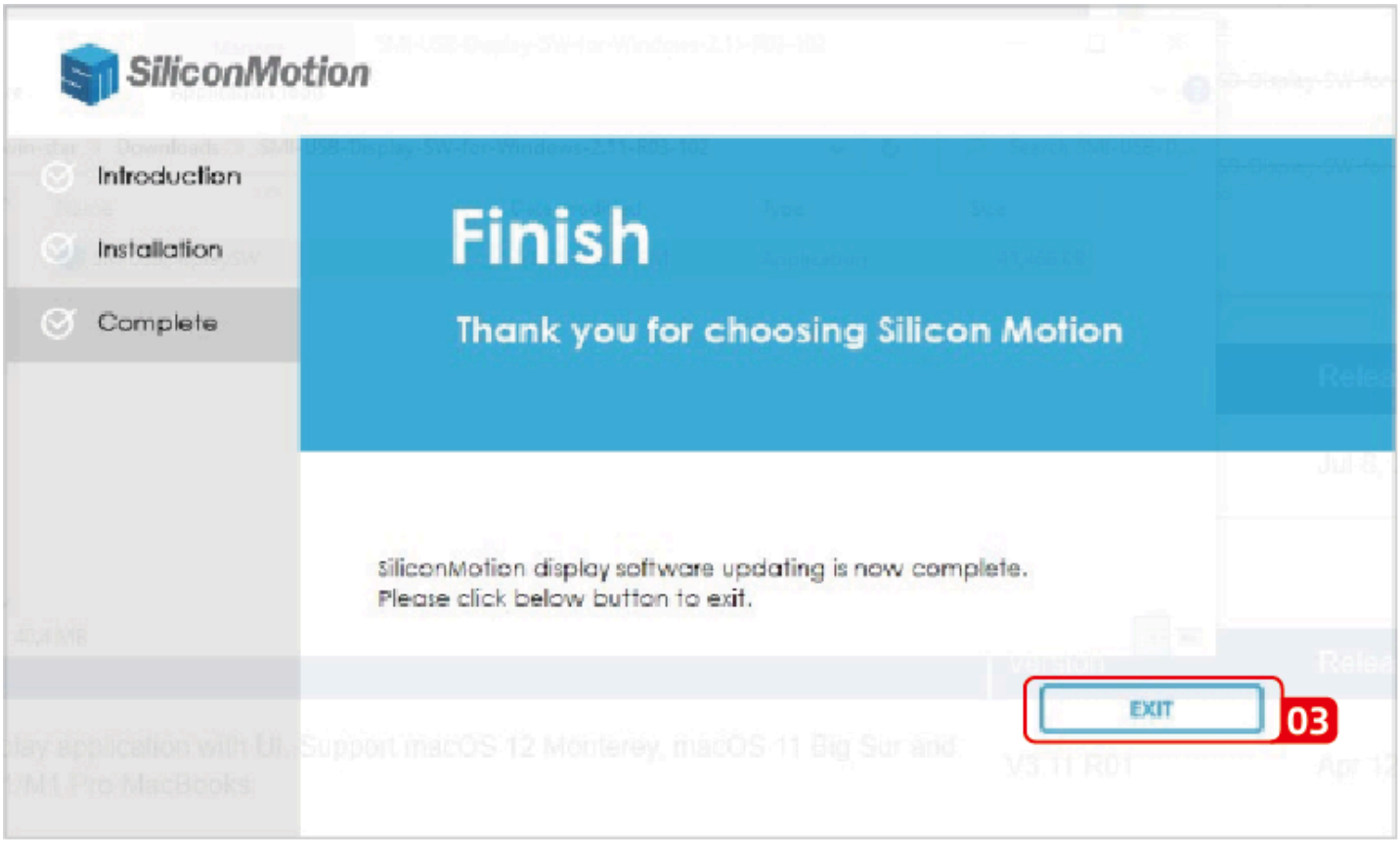
For Windows

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



2. Click **UPDATE**.

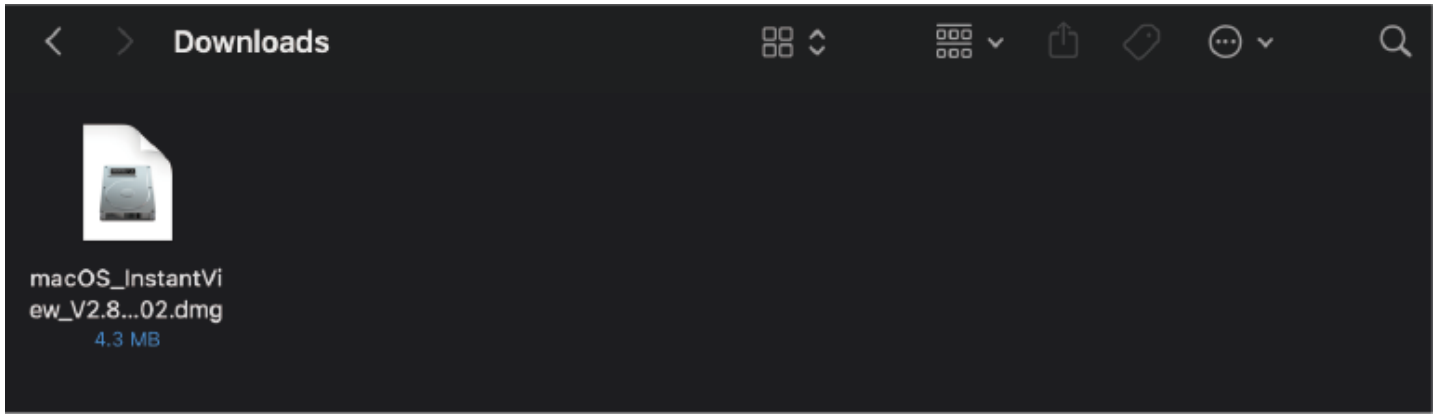
3. Click **EXIT** to finish the installation process.



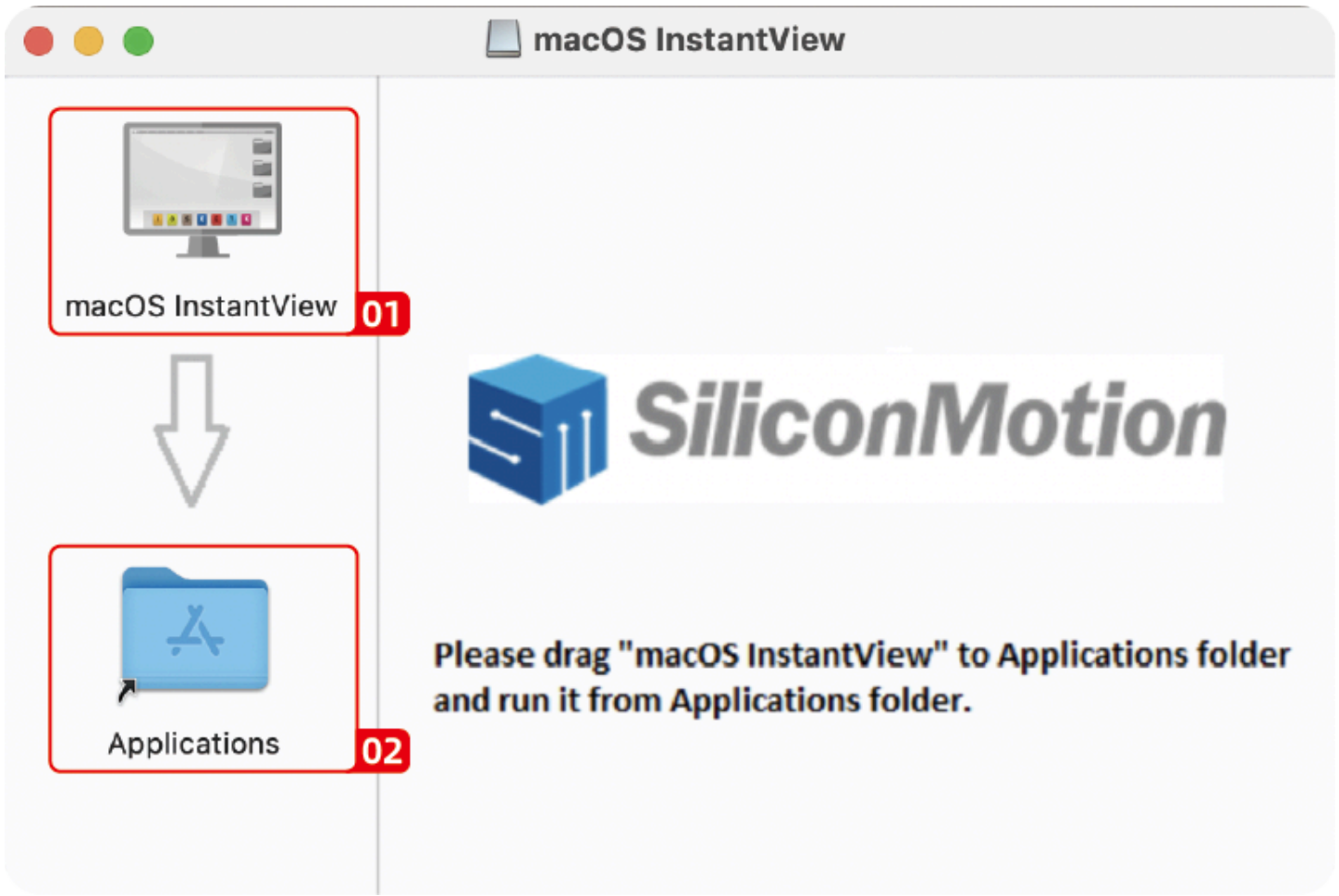
For Mac

Download the Silicone Motion InstantView application for Mac OS found here: www.wavlink.com/en_us/WL-UG77PD1 to find and manually install it.

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

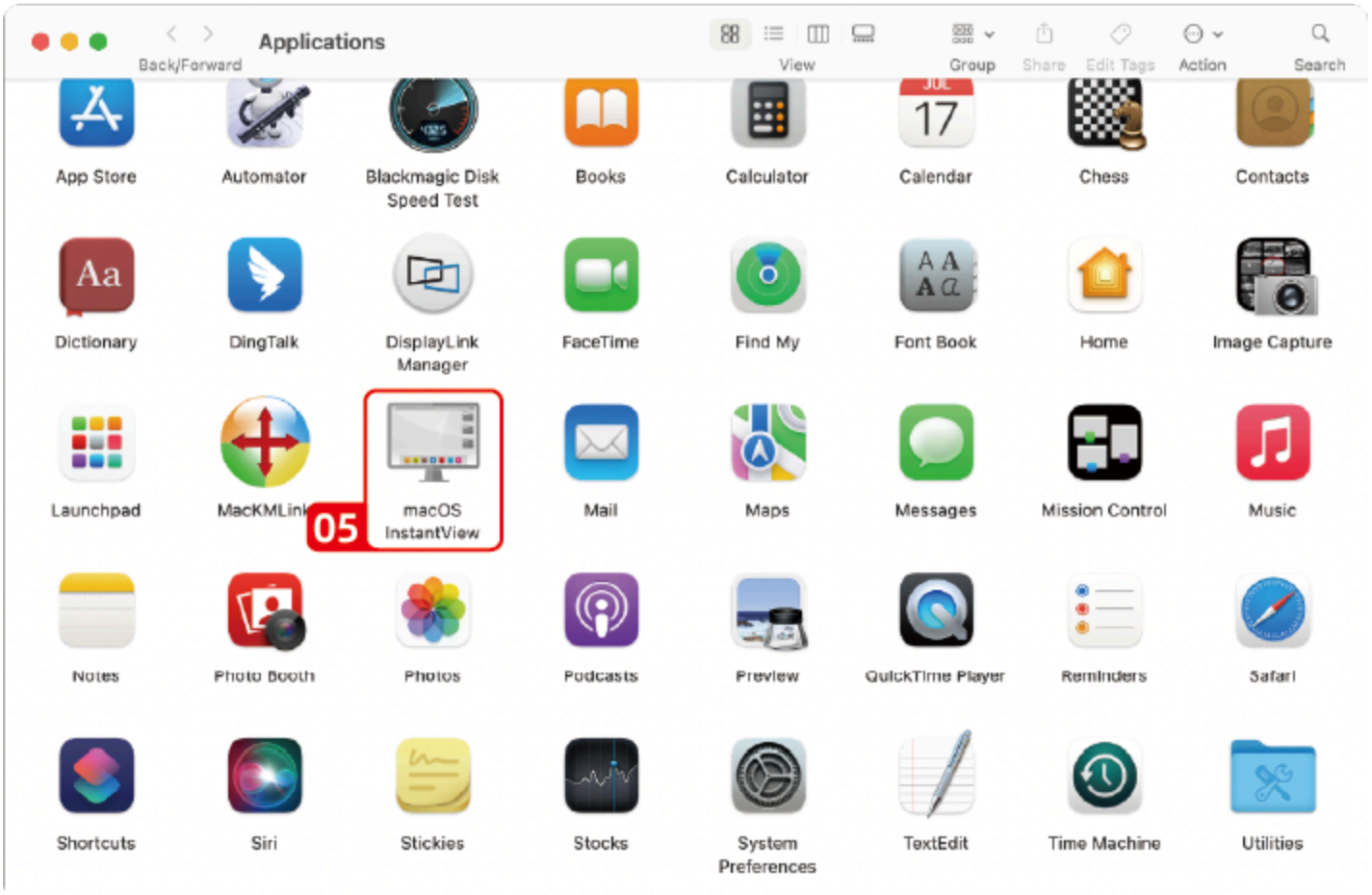


2. Drag the **macOS InstantView** application icon into the **applications** folder in the open window.

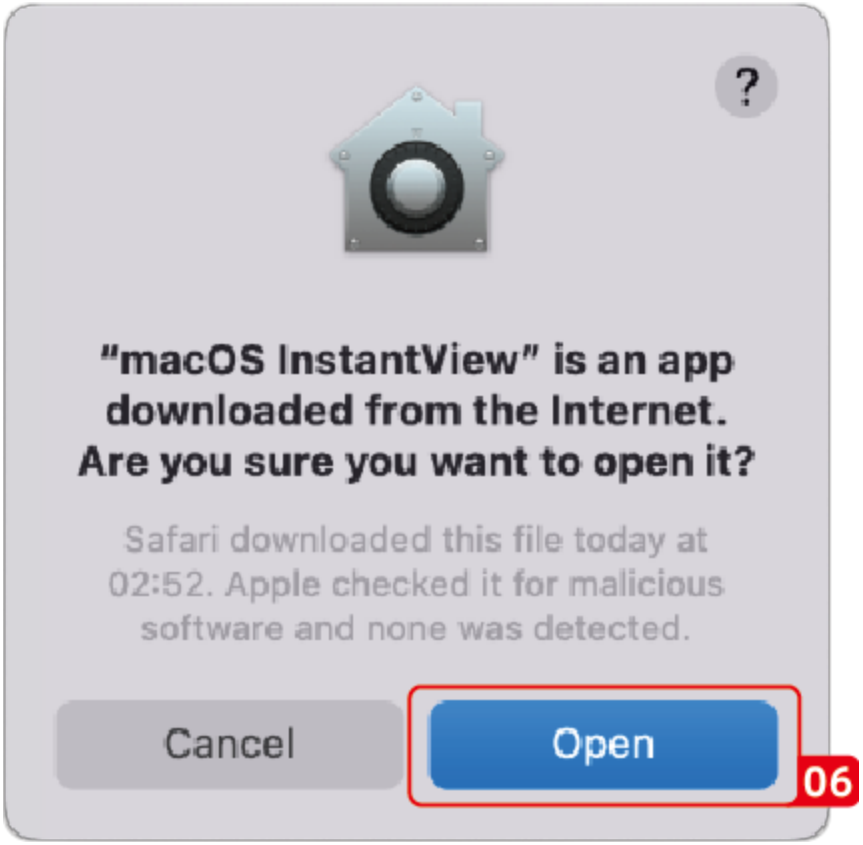


3. Navigate to your launchpad or applications folder to find the **macOS InstantView** and double click to launch it.

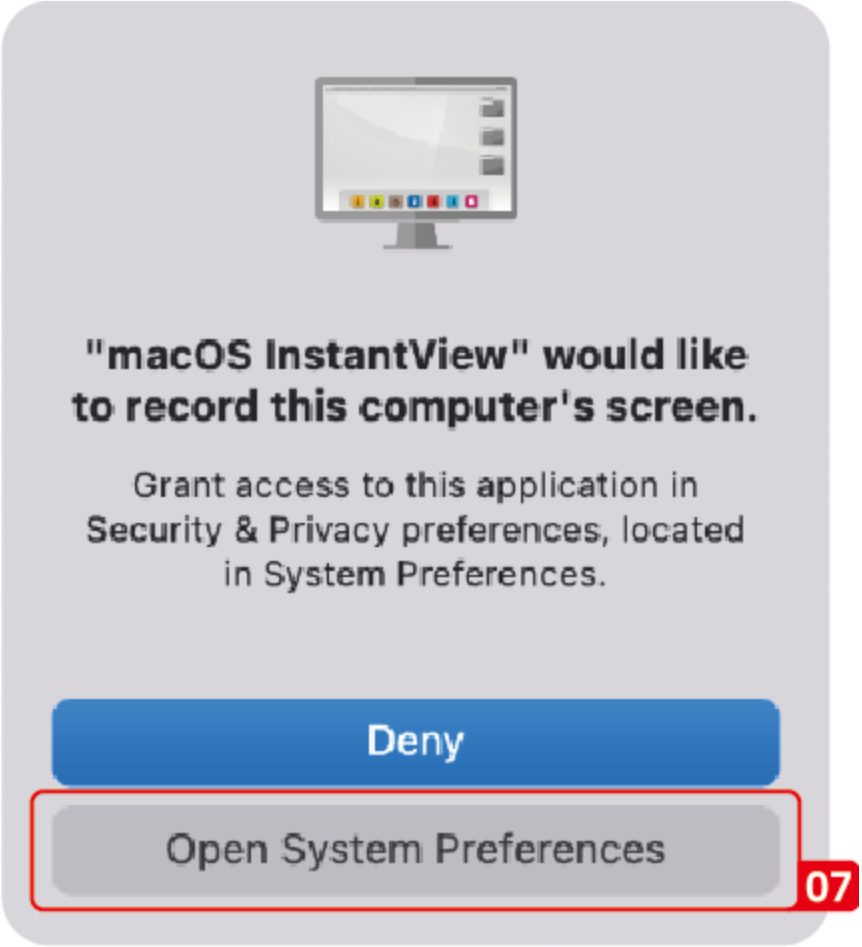
Finder
File
Edit
V
03
Go
Window
Help
Back ⌘ [
Forward ⌘]
Select Startup Disk ⇧⌘▲
Recents ⇧⌘F
Documents ⇧⌘O
Desktop ⇧⌘D
Downloads ⌥⌘L
Home ⇧⌘H
Computer ⇧⌘C
AirDrop ⇧⌘R
Network ⇧⌘K
iCloud Drive ⇧⌘I
Shared ⇧⌘S
04
Applications ⇧⌘A
Utilities ⇧⌘U
Recent Folders
Go to Folder... ⇧⌘G
Connect to Server... ⌘K


Applications
Back/Forward
View
Group
Share
Edit Tags
Action
Search
App Store
Automator
Blackmagic Disk Speed Test
Books
Calculator
Calendar
Chess
Contacts
Dictionary
DingTalk
DisplayLink Manager
FaceTime
Find My
Font Book
Home
Image Capture
Launchpad
MacKMLink
05
macOS InstantView
Mail
Maps
Messages
Mission Control
Music
Notes
Photo Booth
Photos
Podcasts
Preview
QuickTime Player
Reminders
Safari
Shortcuts
Siri
Stickies
Stocks
System Preferences
TextEdit
Time Machine
Utilities

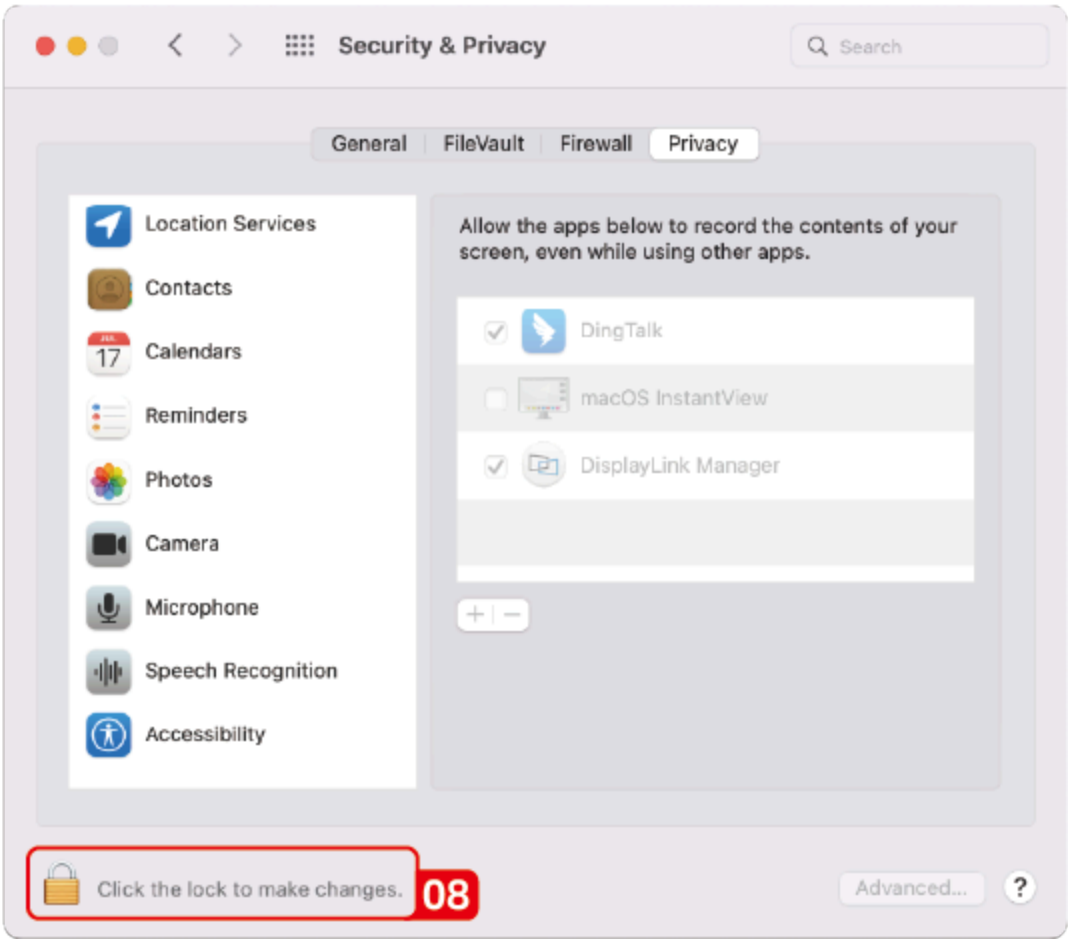
4. Click **Open**.


"macOS InstantView" is an app downloaded from the Internet. Are you sure you want to open it?
Safari downloaded this file today at 02:52. Apple checked it for malicious software and none was detected.
Cancel
Open
06

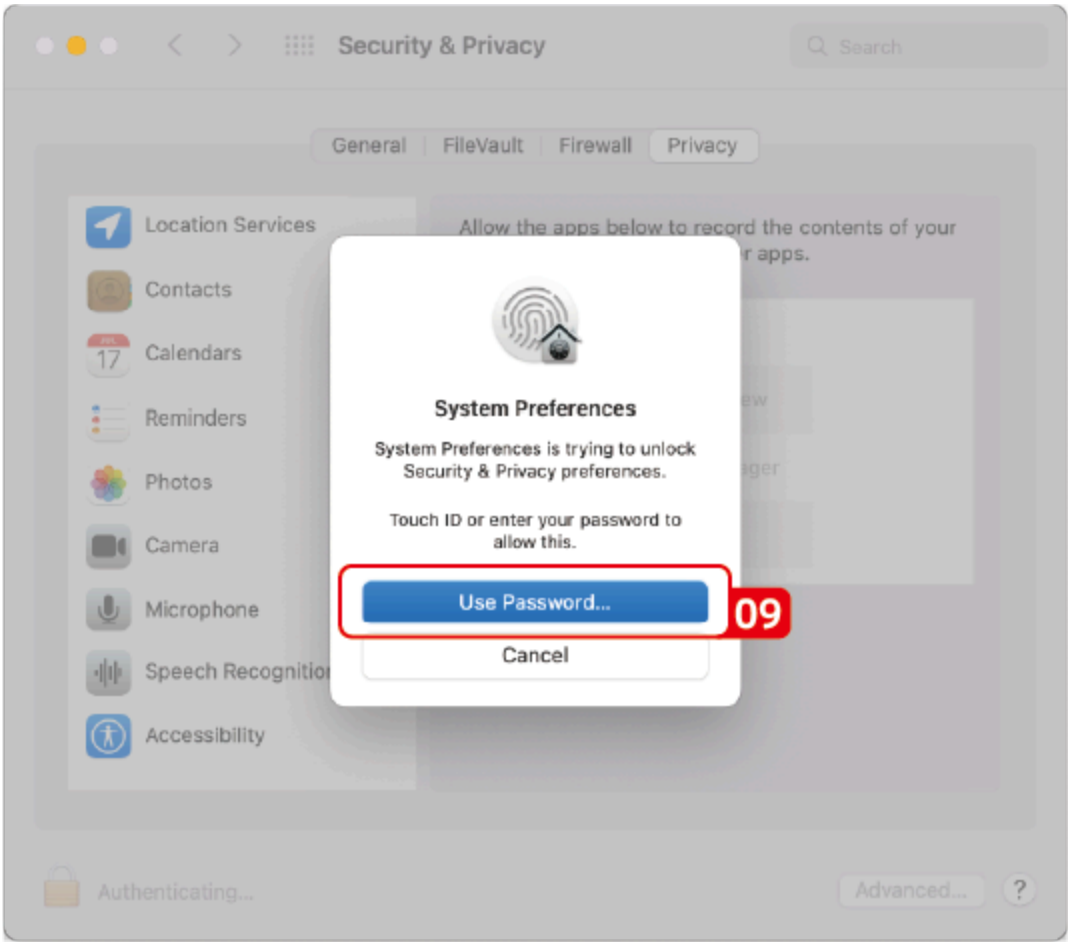
5. Click **Open System Preferences**. (Note: this should automatically open the **Security and Privacy** section, but if it does not, you can manually open the **Security and Privacy settings**.)

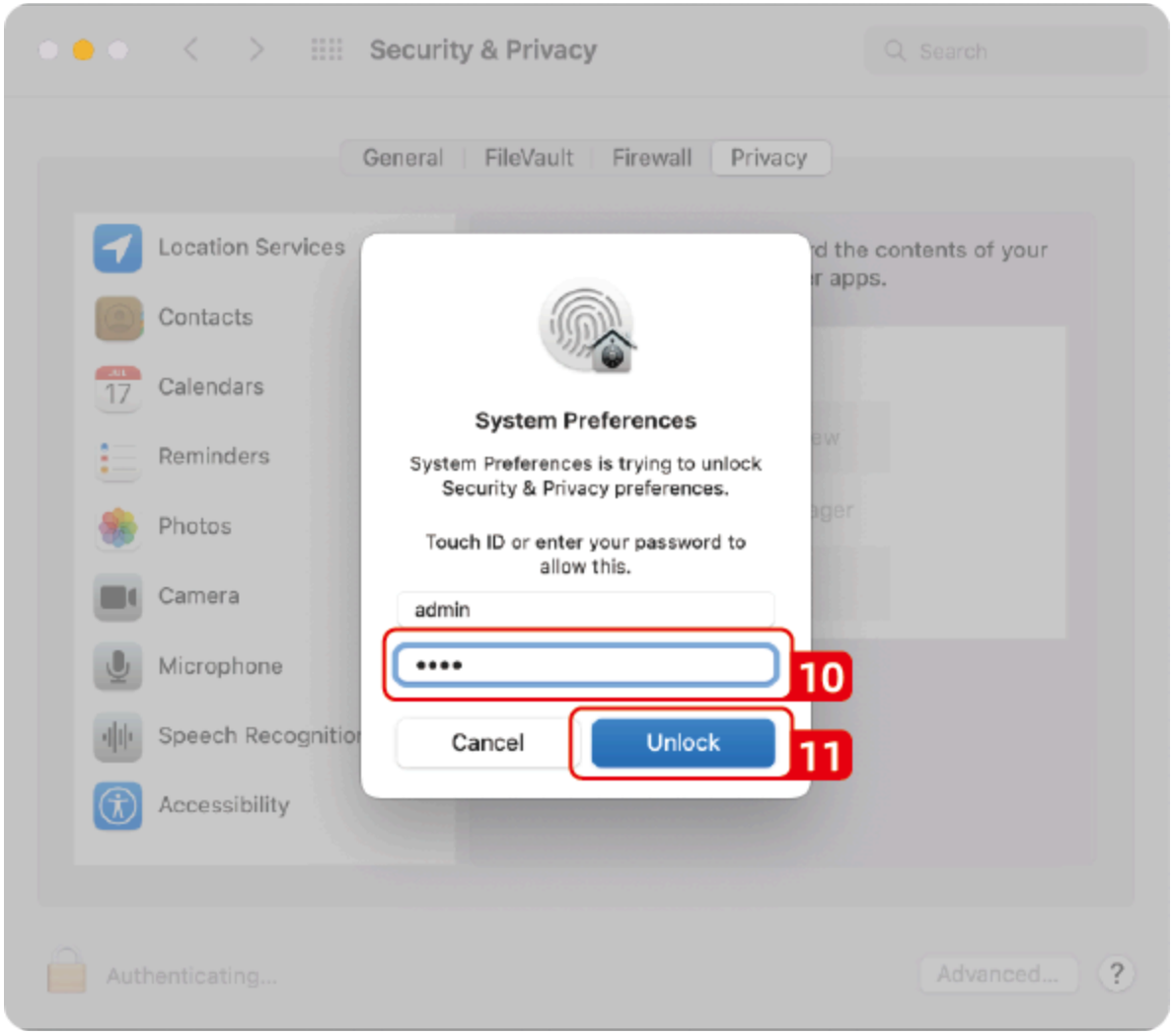


6. Click on the gold pad lock on the bottom of the application window to enable changes.

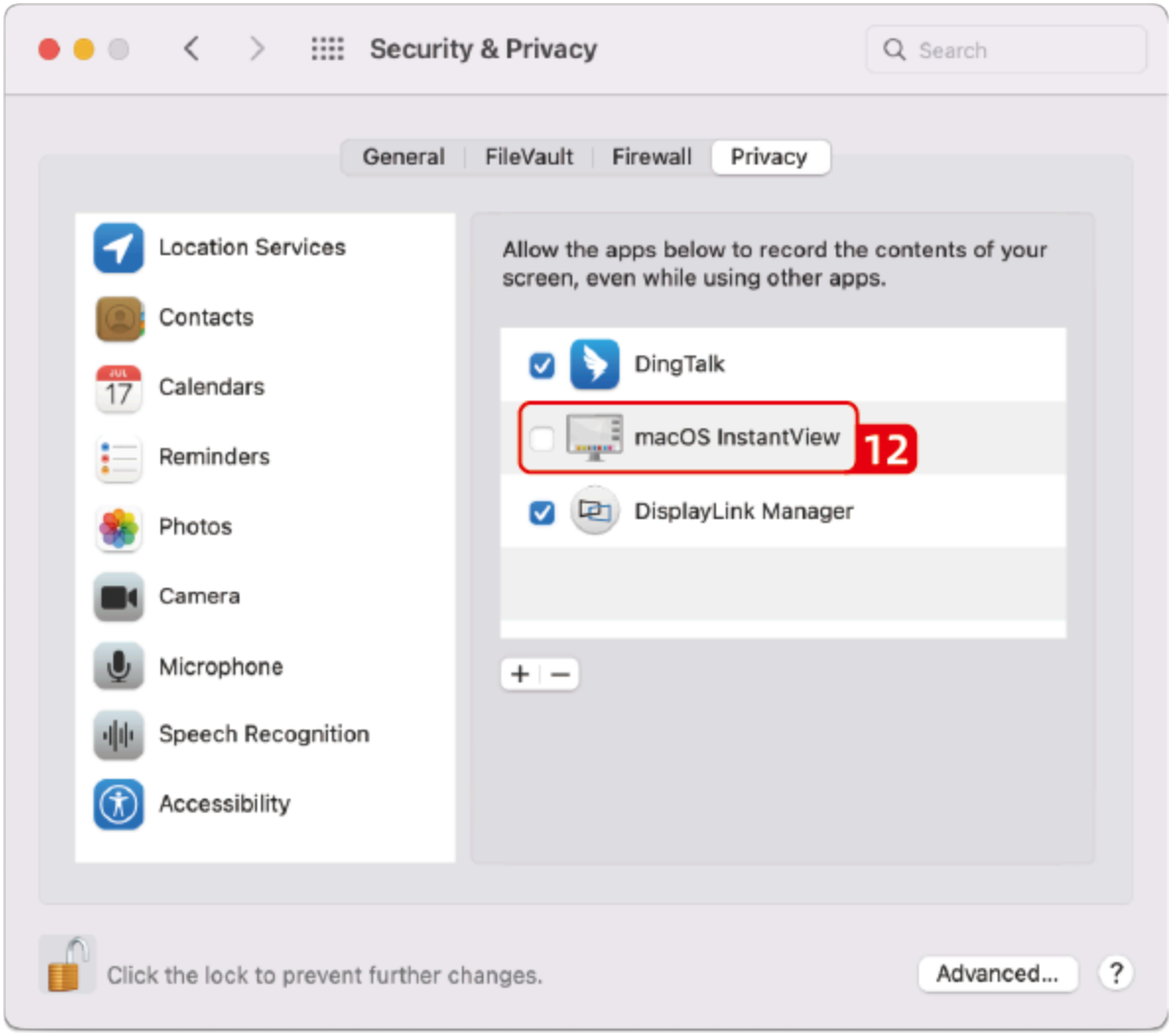


7. If promoted, enter your password and click the **Unlock** button.

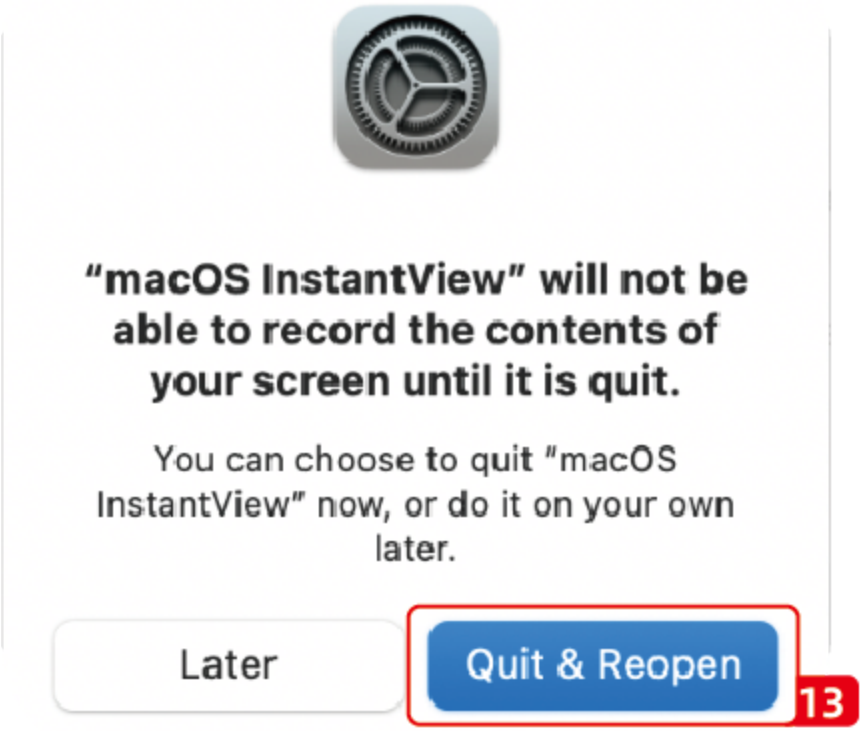




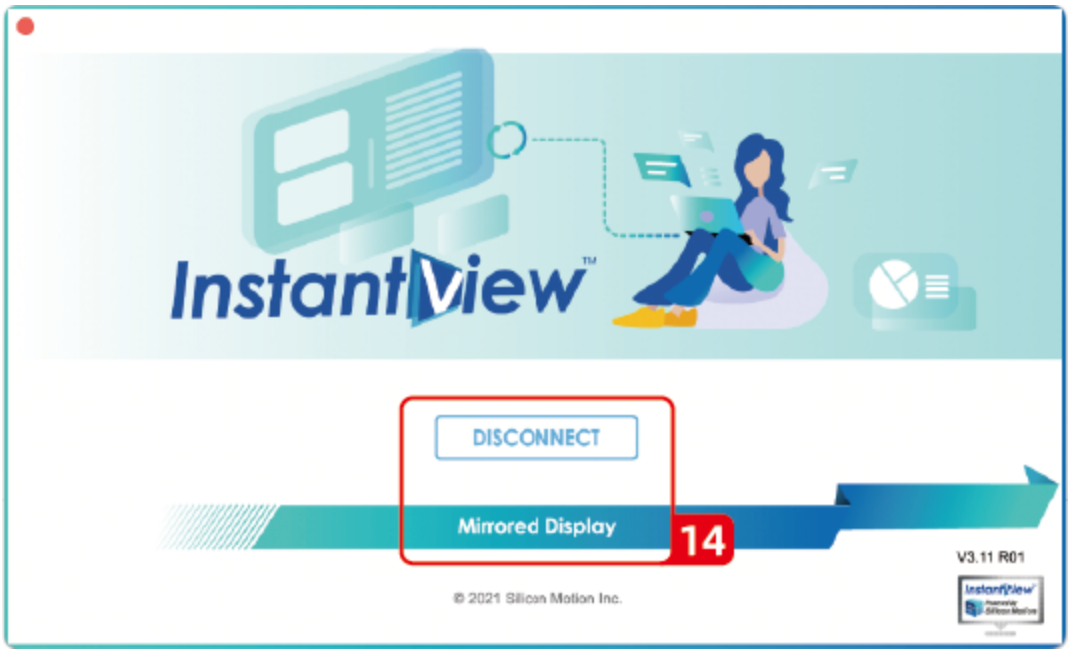
8. Click to and place a check mark next to the macOS InstantView entry.



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 5 Display Mode Settings

This chapter introduces the steps of display mode settings.

• For Windows

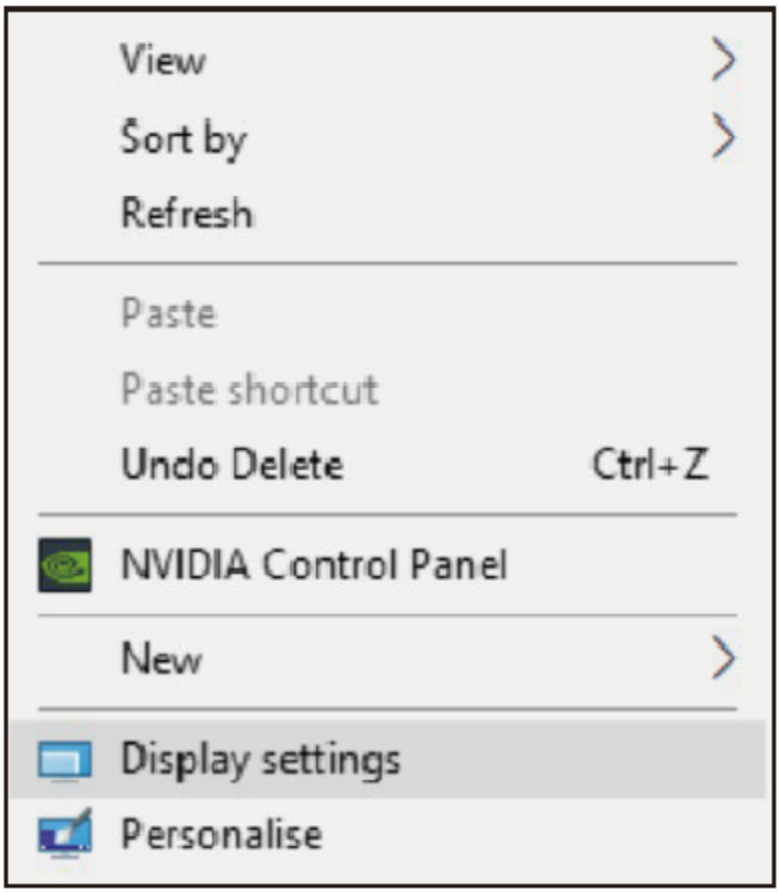
• For Mac OS

• For Mac OS X13

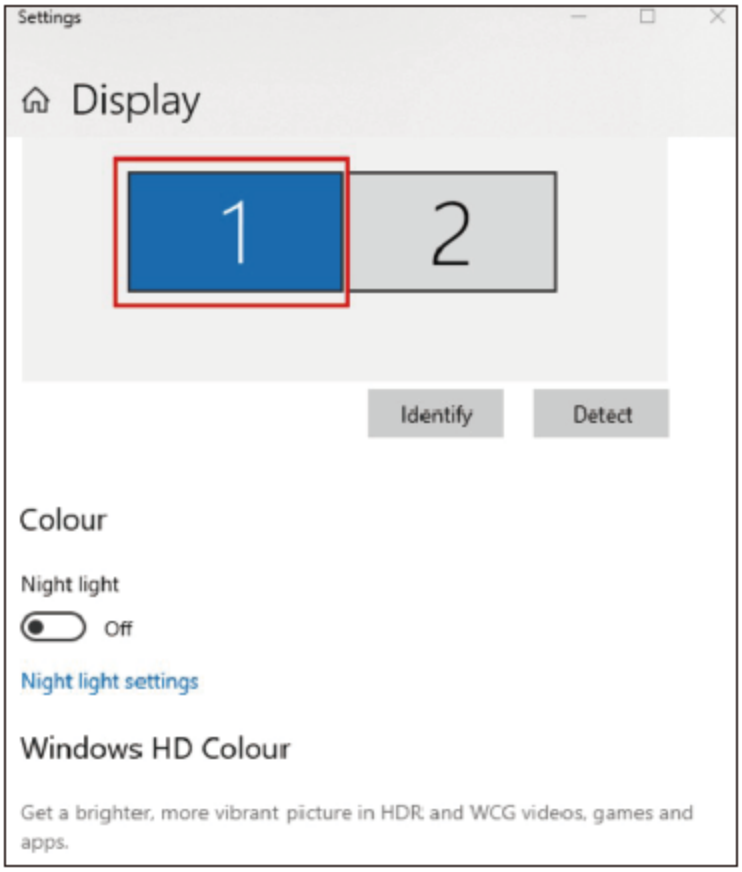
Before configuring the settings, please make sure this docking station has been connected to your laptop and monitors correctly.

For Windows

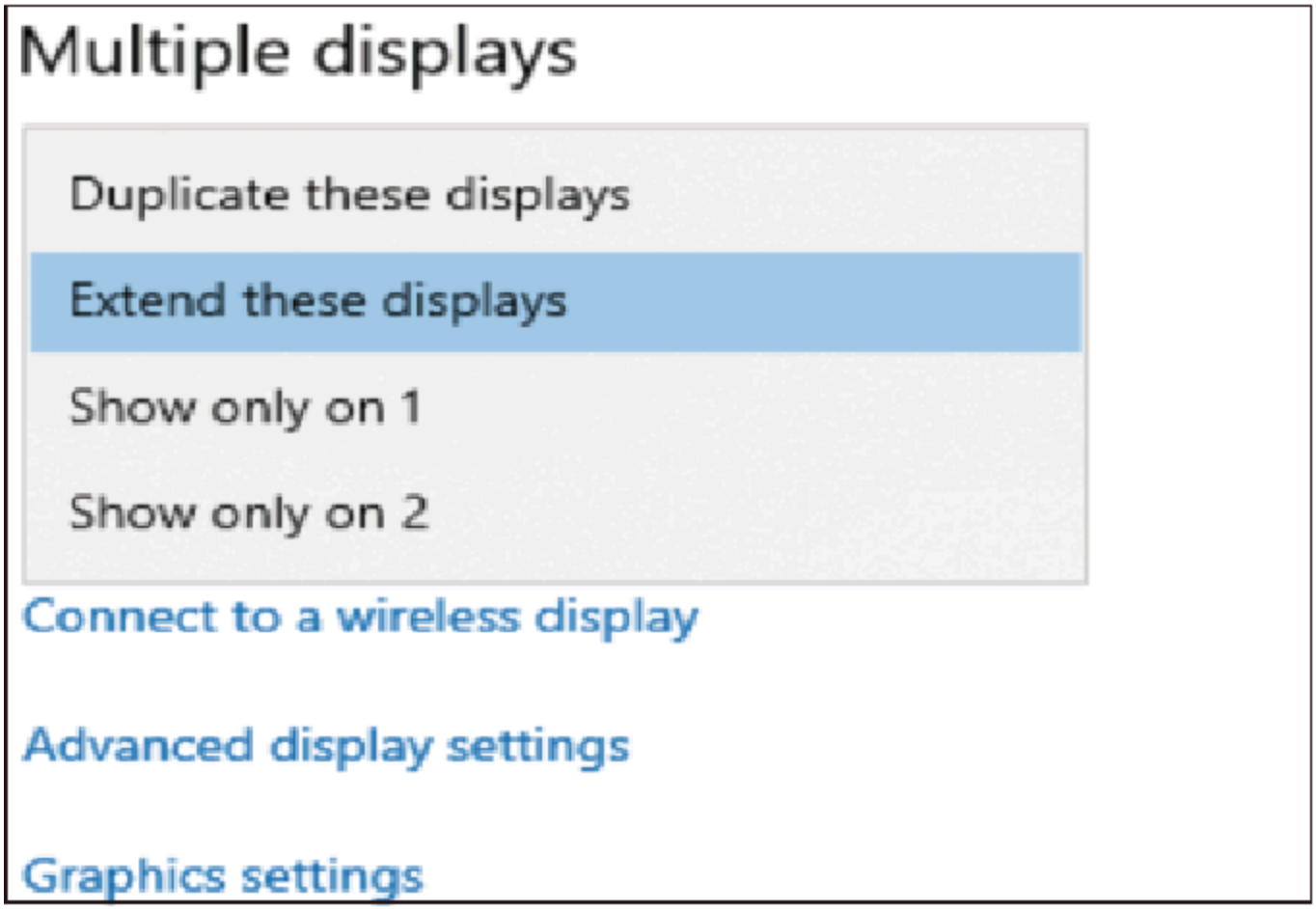
1. Right-click→ **Display settings**.



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

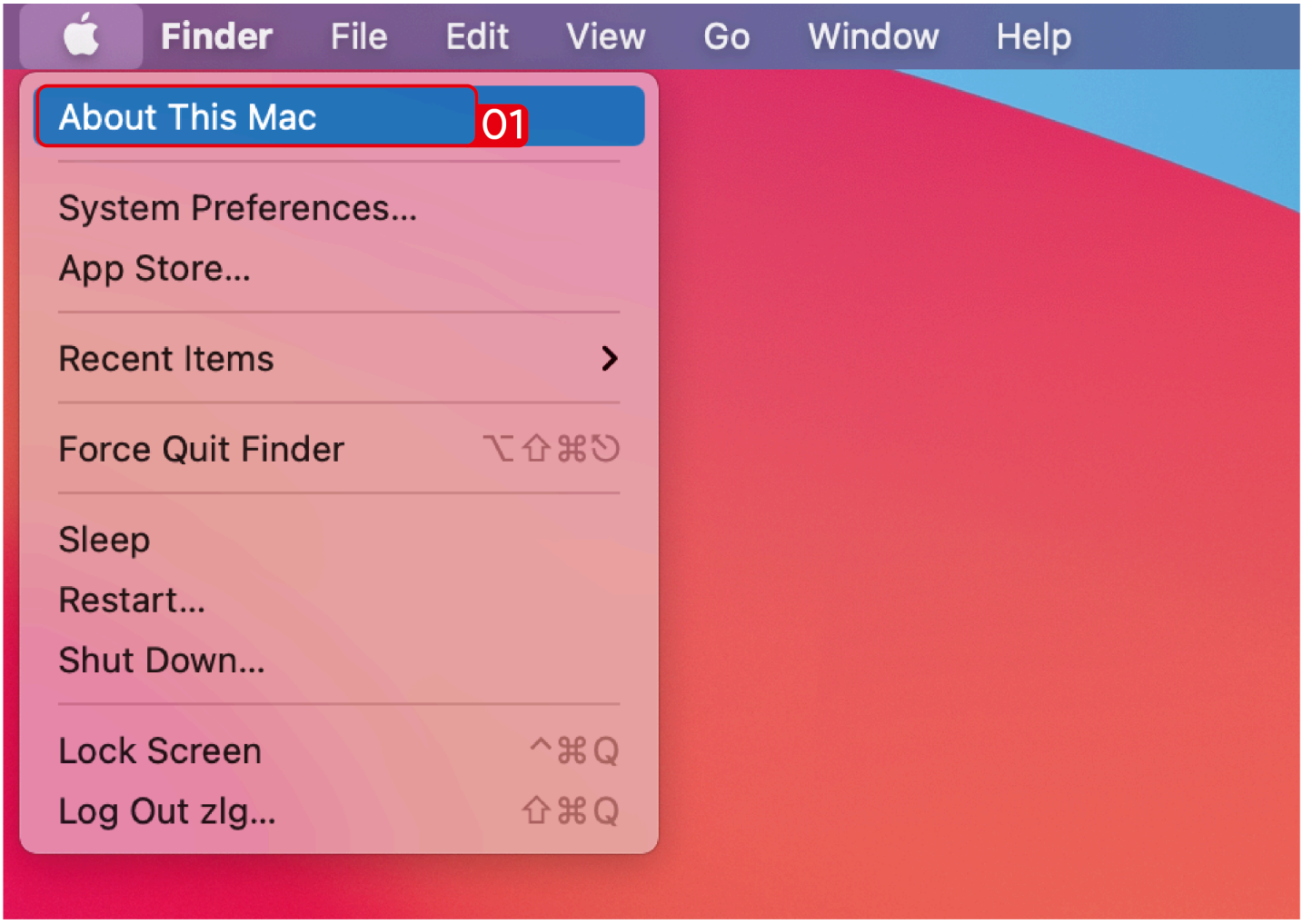


3. Scroll down to the **Multiple displays**, and select the mode in the drop-down list that is fit for your need.

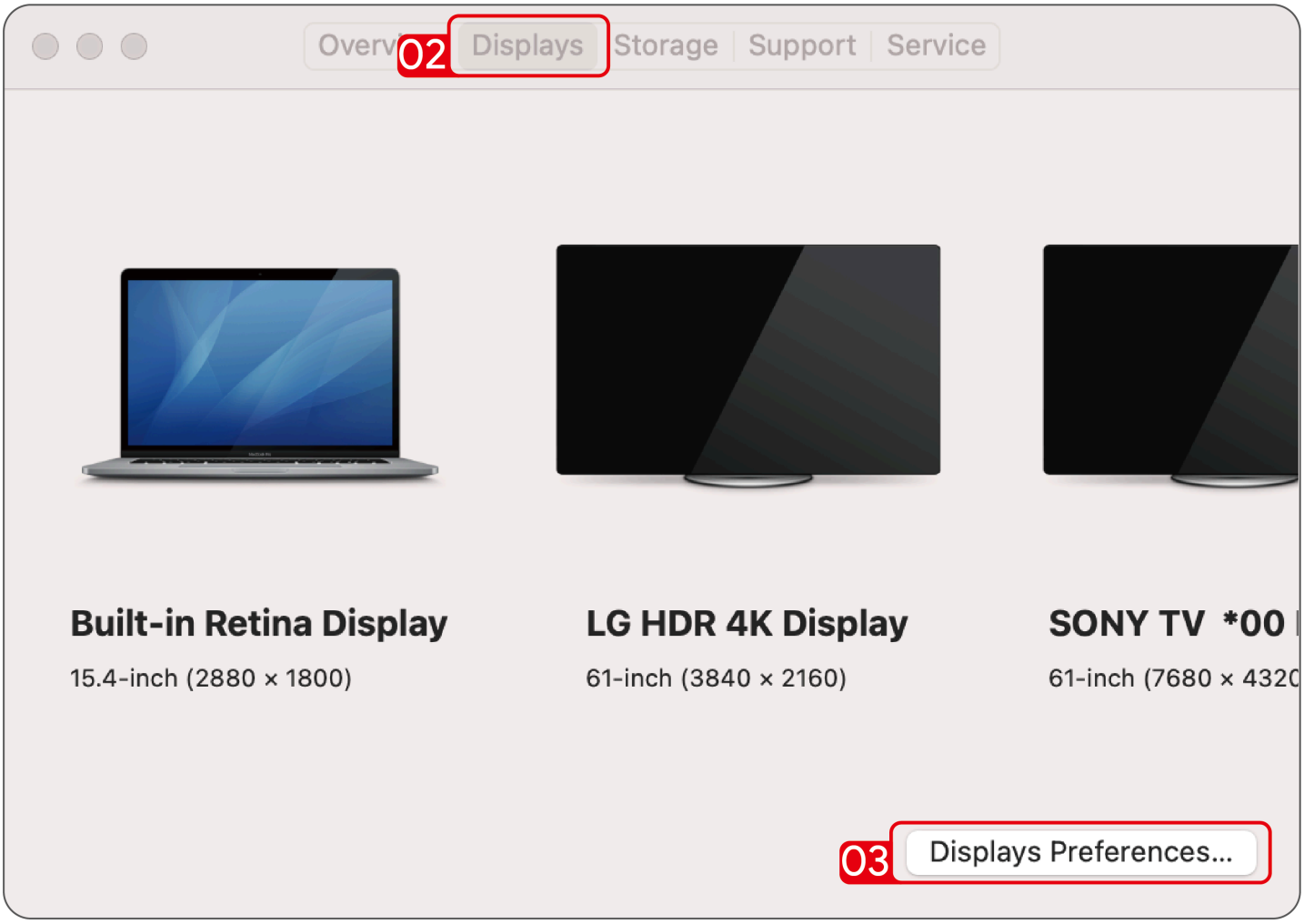


For Mac OS

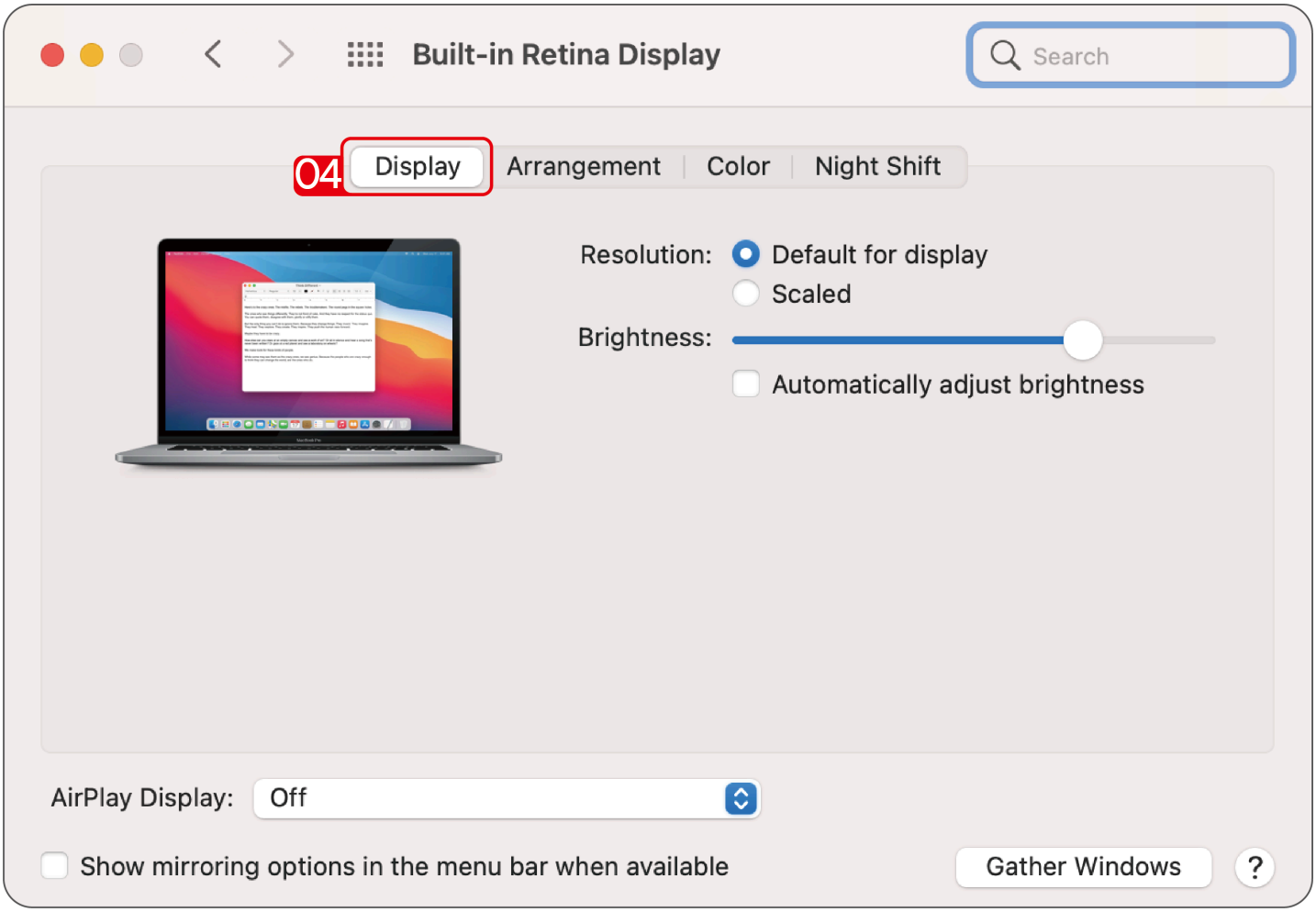
1. Click **Apple** icon→ **About This Mac**.



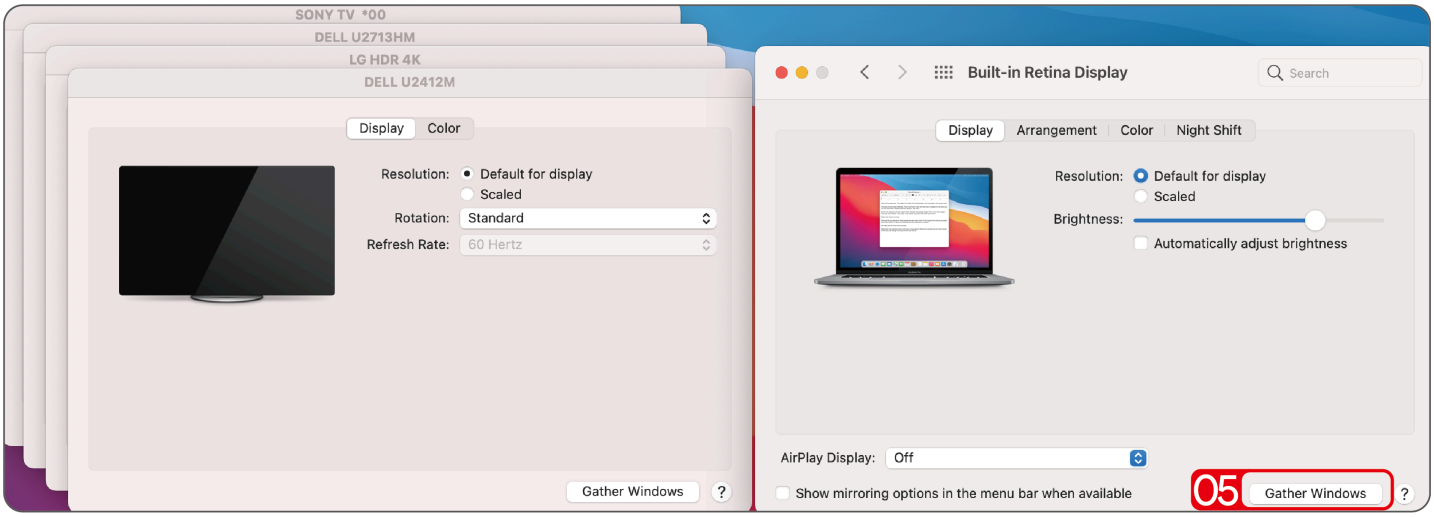
2. Click **Displays** → **Displays Preferences**.



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

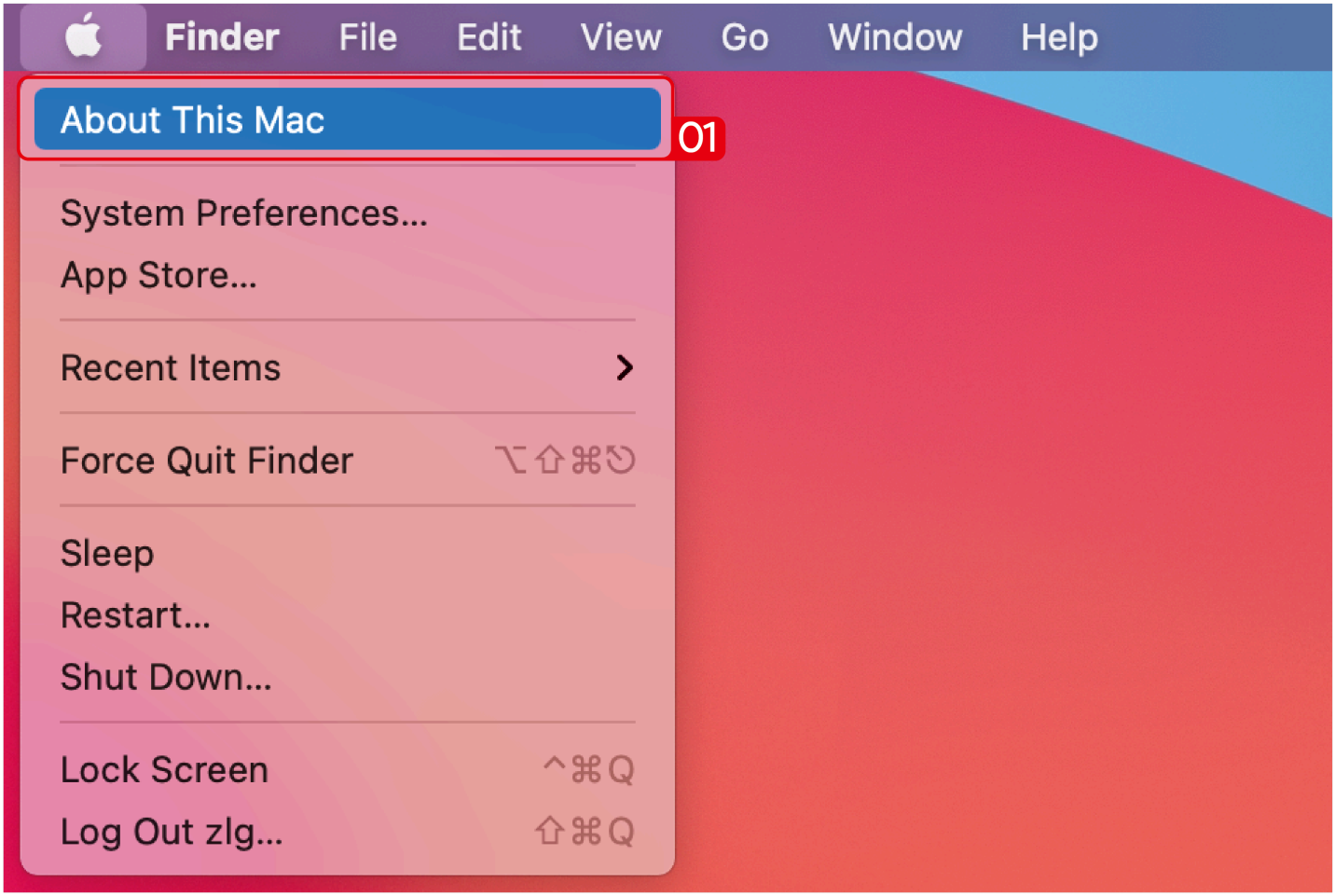


4. Or click **Gather Windows** to gather all connected displays and make separate settings.

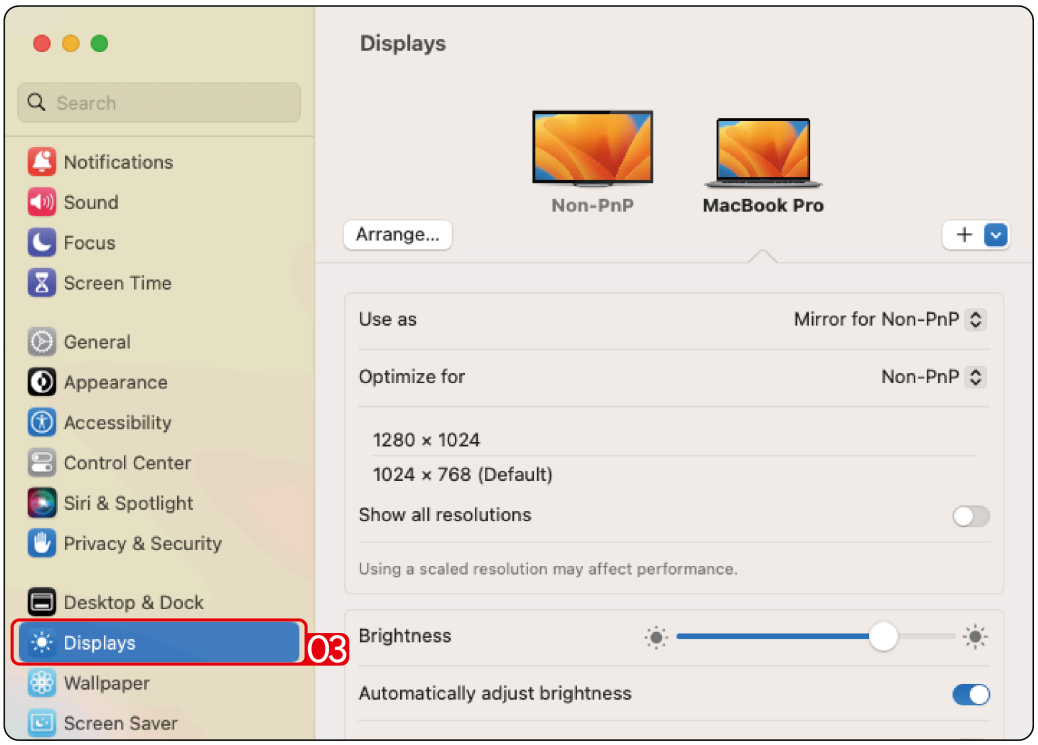


For Mac OS X13

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.



Chapter 6 FAQ and After-sale Service

This chapter includes FAQ and After-sale Service.

- FAQ
- After-sale Service

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-sale Service

Need help?

We're here for you!

Online support: wavlink.com
Available Mon-Fri 8:30 am-5:30pm (UTC+8)

support@wavlink.com
Available Mon-Fri 8:30 am-5:30pm (UTC+8)

+1 8889730883 (US Local)
Mon-Fri 9:00 am - 10:00 pm (UTC-5)

www.wavlink.com

Thank you for purchasing WAVLINK product!