



InstantView

SMI macOS InstantView™ User Manual

Revision V2.0.0.4

Dec 2024

Revision History

Revision	Release Date	Description
V1.0.0.1	12/04/2020	First Draft.
V1.0.0.2	12/30/2020	Added one function and one important note.
V1.0.0.3	09/07/2021	Updated the new function of the menu bar drop-down box.
V1.0.0.4	12/01/2021	Deleted legacy driver support part.
V1.0.0.5	01/24/2022	Added SMI Support Tool function.
V1.0.0.6	02/22/2022	Added display rotation and unlock Mac with Apple watch function support.
V1.0.0.7	07/05/2022	Added Display Sleep in Clamshell function support.
V1.0.0.8	10/21/2022	Added Auto-update function description.
V1.0.0.9	12/16/2022	Added Support function and HiDPI switch function description.
V1.0.0.10	04/18/2023	Modified function description of "Display before Login".
V2.0.0.1	08/15/2023	Adopted new format design with overall text modifications.
V2.0.0.2	08/31/2023	Modify some screenshot with old macOS and fix some grammar mistakes.
V2.0.0.3	09/21/2023	Update screenshot with latest macOS and fix some descriptions.
V2.0.0.4	12/12/2024	Add SM770 support.

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1. Overview

SMI macOS InstantView™ App provides up to four additional external displays. Installing and updating the software is very simple. The App keeps your docking well maintained and easy to use. Please read the following guidance of SMI macOS InstantView App and enjoy our products.

2. Requirements

2.1 Hardware and OS Support

Minimum Hardware Requirements:

- SMI USB Display Adapter.
- USB host: USB 2.0 or USB 3.0 or USB 3.1(SM770 Only).
- Support of multiple USB display adapters needs a high-end Mac Device, such as MacBook Pro 2017 or above.
- Due to USB 3.0 hub performance limitation, multiple SMI devices on a single USB hub do not work well.

OS Support:

- macOS “Sequoia” 15.x
- macOS “Sonoma” 14.x
- macOS “Ventura” 13.x
- macOS “Monterey” 12.x (SM768 Only)
- macOS “Big Sur” 11.x (SM768 Only)
- macOS “Catalina” 10.15.x (SM768 Only)

2.2 Languages Support

- English
- Simplified Chinese (简体中文)

3. How to Use macOS InstantView App

This chapter introduces the functions of SMI macOS InstantView App and recommended steps to use the App.

There are two methods to get the macOS InstantView.

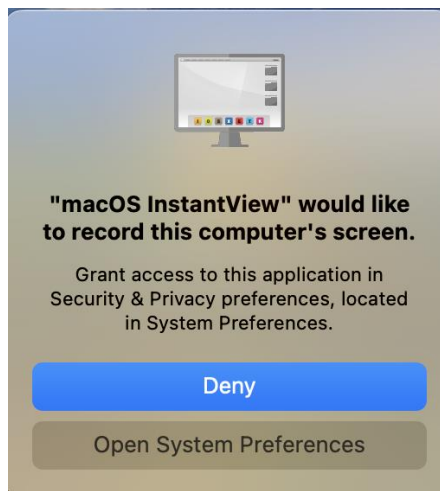
- Get the “InstantView” App from SMI USB Display Adapter (with built-in flash drive).
- Download the App from: <https://www.siliconmotion.com/downloads/index.html>:

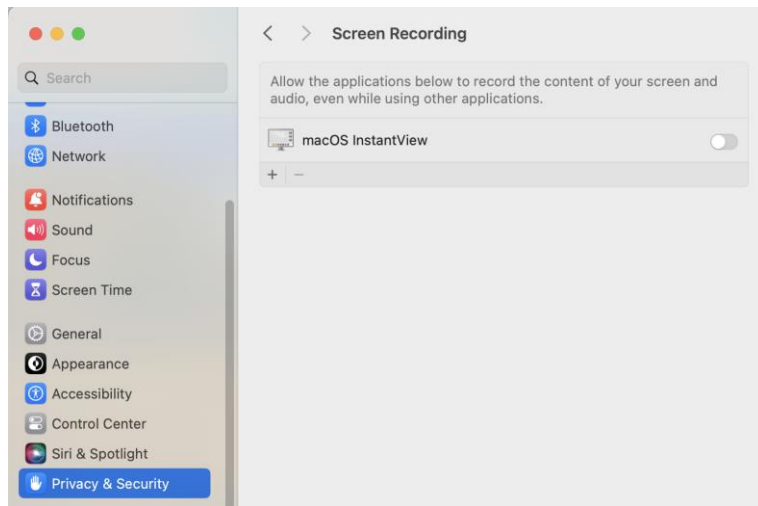


macOS
InstantView

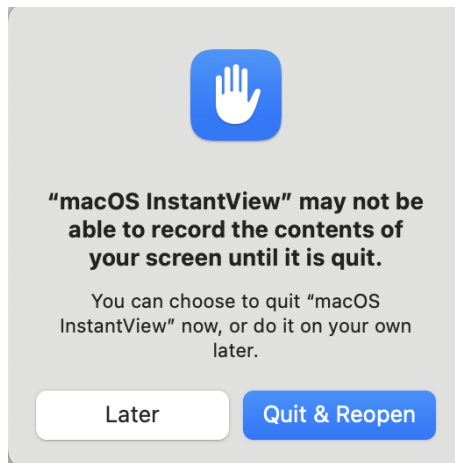
3.1 Run SMI macOS InstantView App

- (i) When you run the macOS InstantView for the first time, open the macOS User Account Control to get user permissions. Click **“Open System Preferences”** and click the lock icon at the bottom left corner of the window. Enter your password to allow the App to record your screen content.

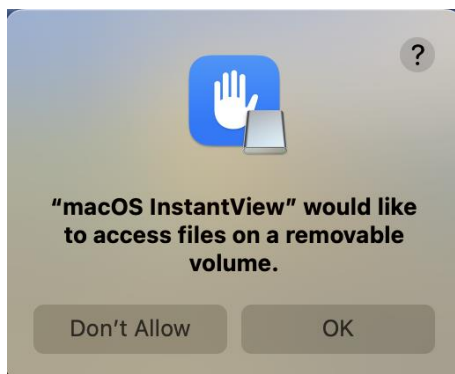




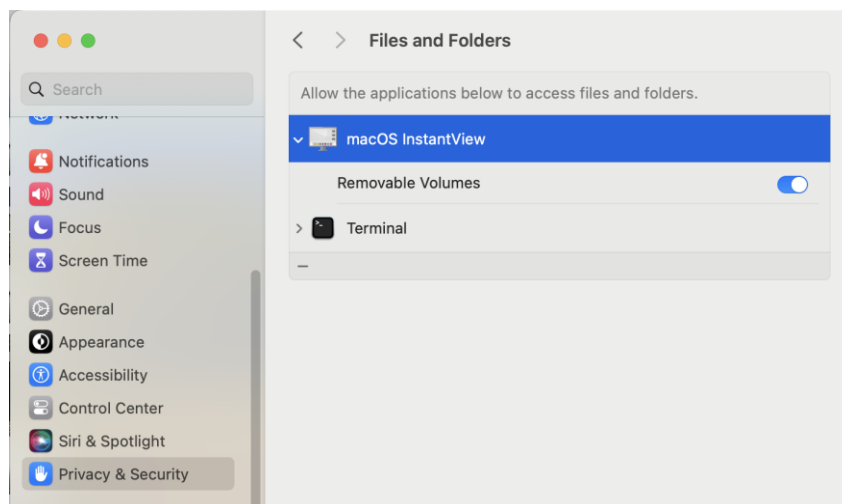
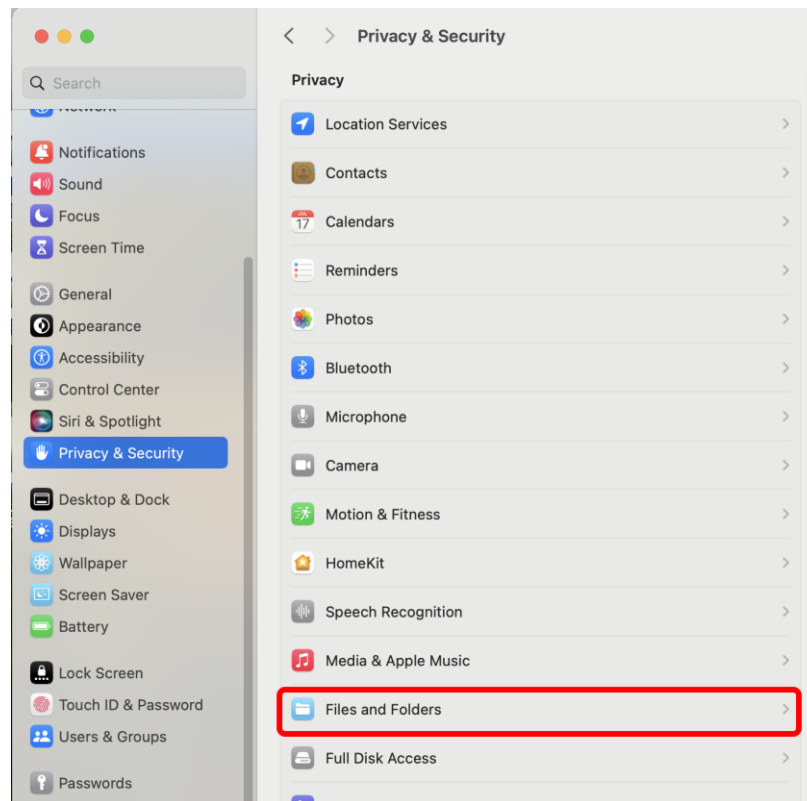
(ii) Click **“Quit & Reopen”** to proceed.



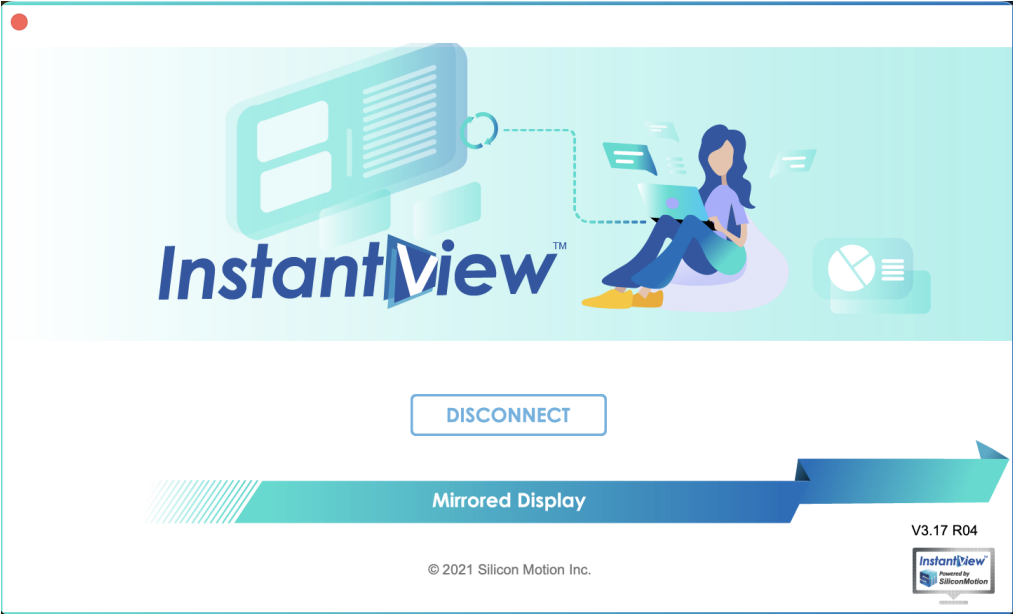
(iii) Click **“OK”** if the macOS InstantView App asks for permission to access files on a removable volume.



If users click “**Don’t Allow**” in this step, SMI macOS InstantView App cannot load customized logo, but other functions are not affected. This function can also be activated in System Preferences > Privacy & Security > Files and Folders.



(iv) Plug in SMI Docking Station/Dongle with monitor(s), and the main frame will display as below.

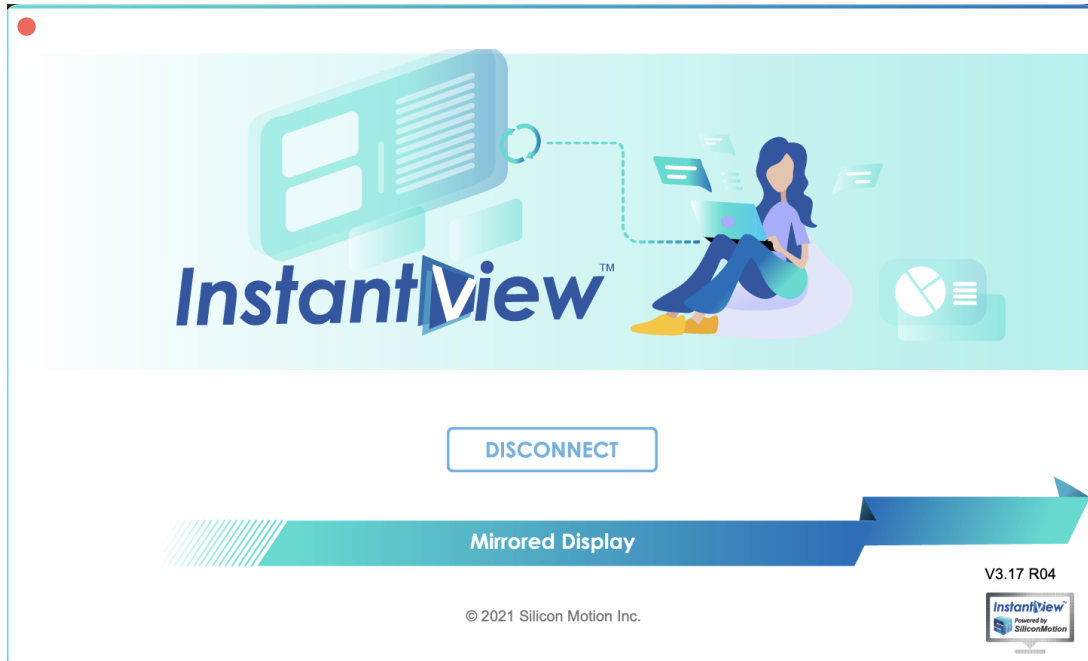


(v) You are all set to use the device now.

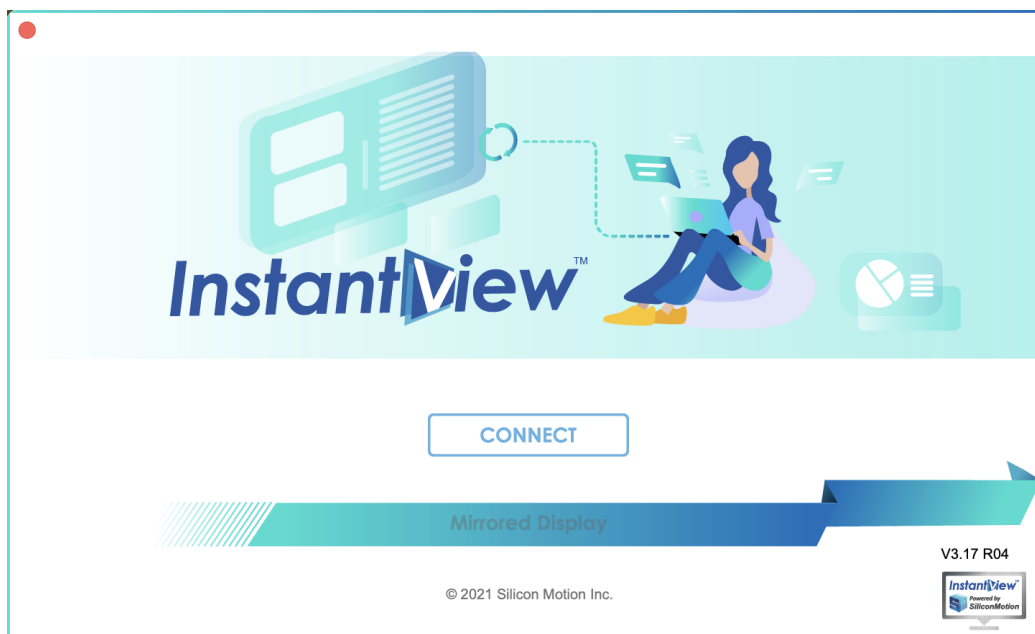
3.2 Functions of SMI macOS InstantView

3.2.1 Disconnect/Connect the Display

- Click “**DISCONNECT**” to turn off the monitor.

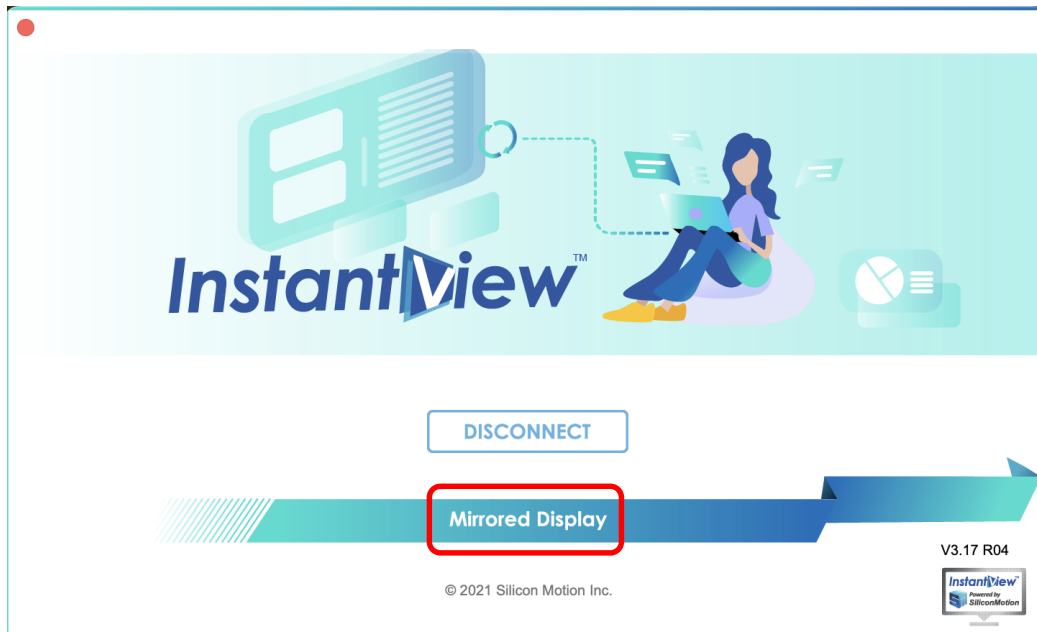


- Click “**CONNECT**” to turn on the monitor.

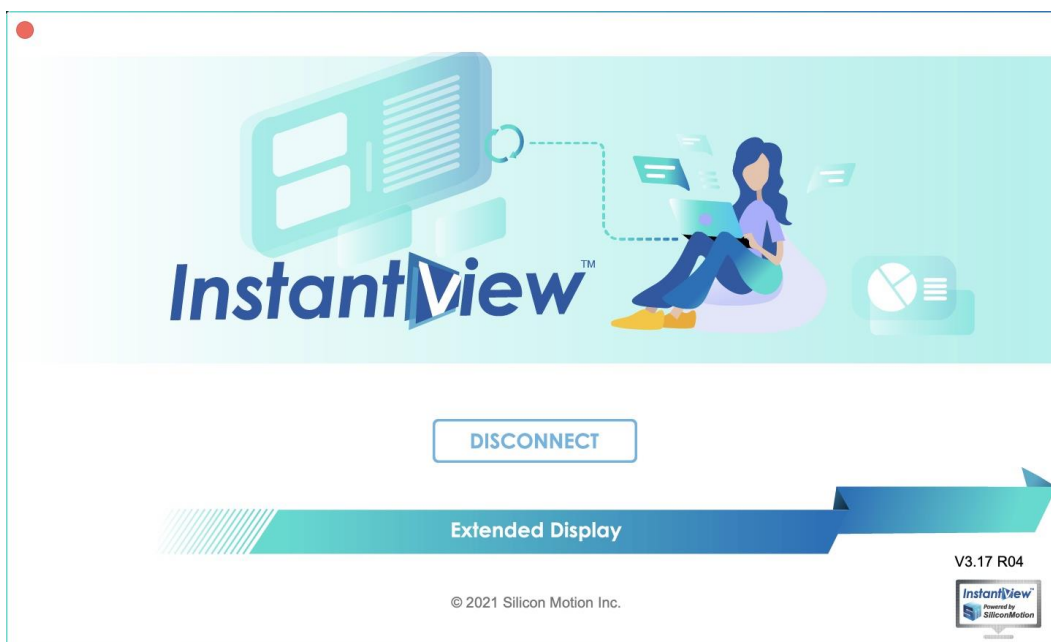


3.2.2 Mirror/Extend the Display

- Click “**Mirrored Display**” to mirror the display.

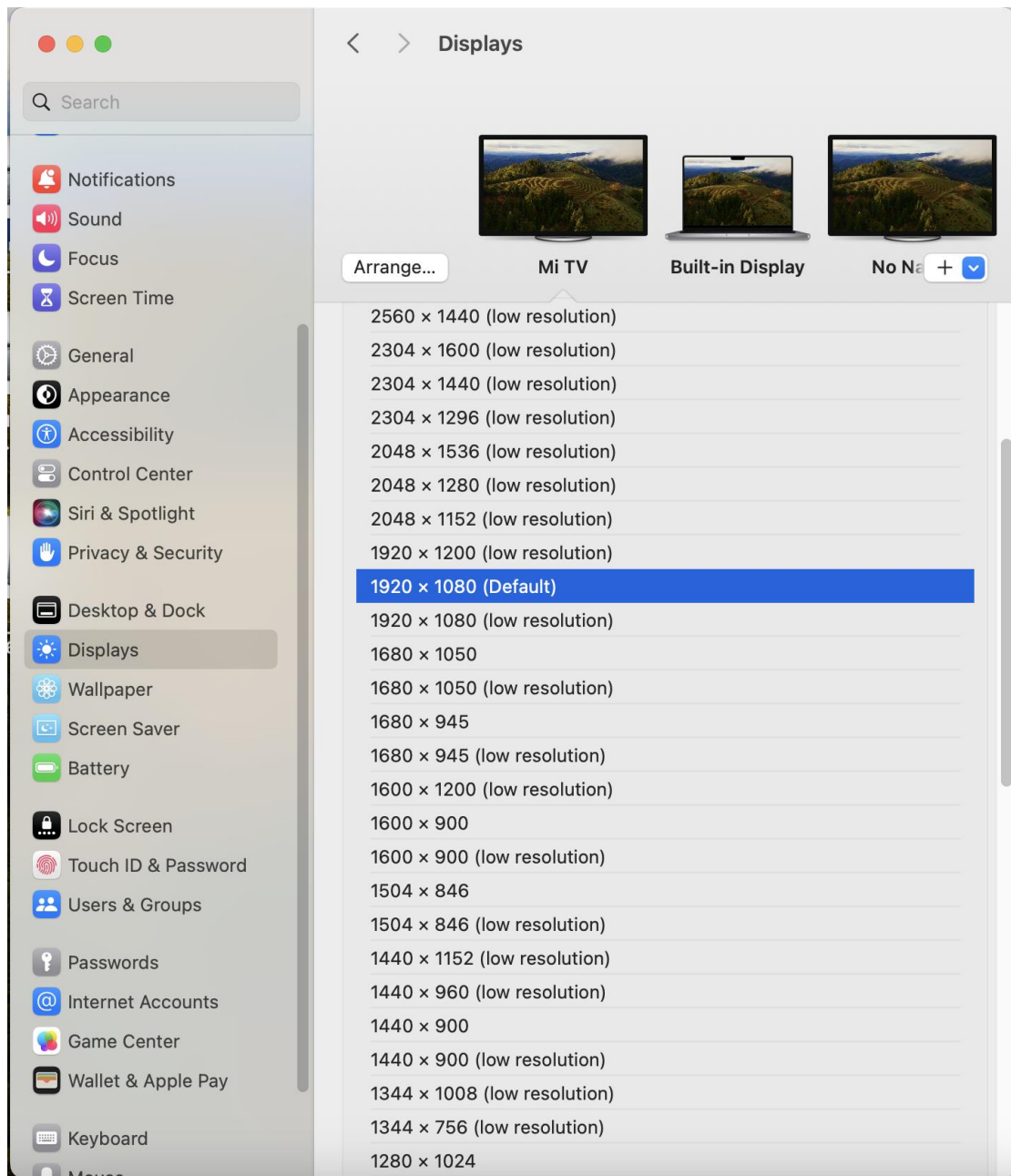


- Click “**Extended Display**” to extend the display(s).

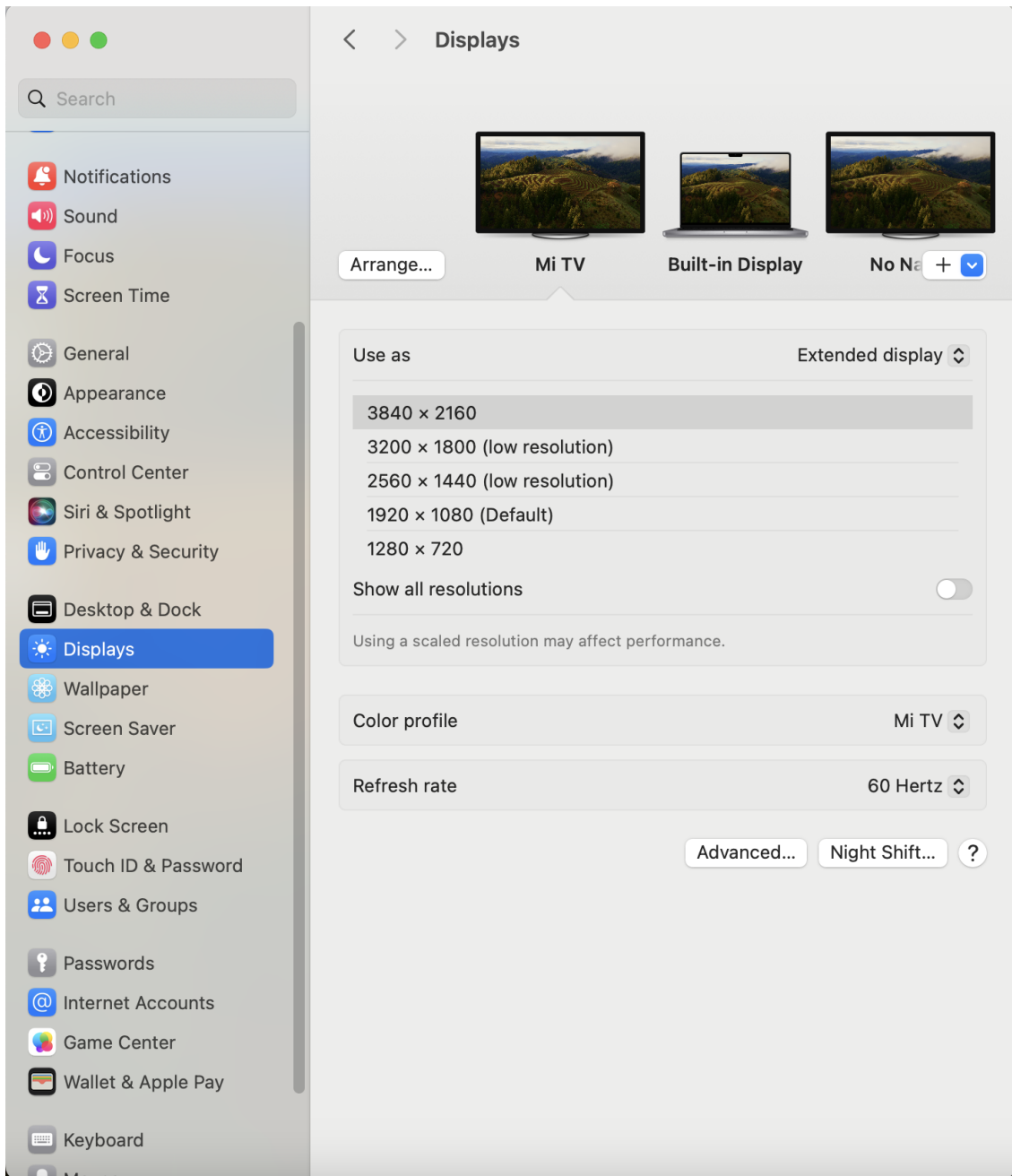


3.2.3 Change Display Resolution

With “Extended Display” applied, the macOS scales the default resolution to 1920x1080. If 1920x1080 is not your preference, change the resolution setting from “System Preferences”.



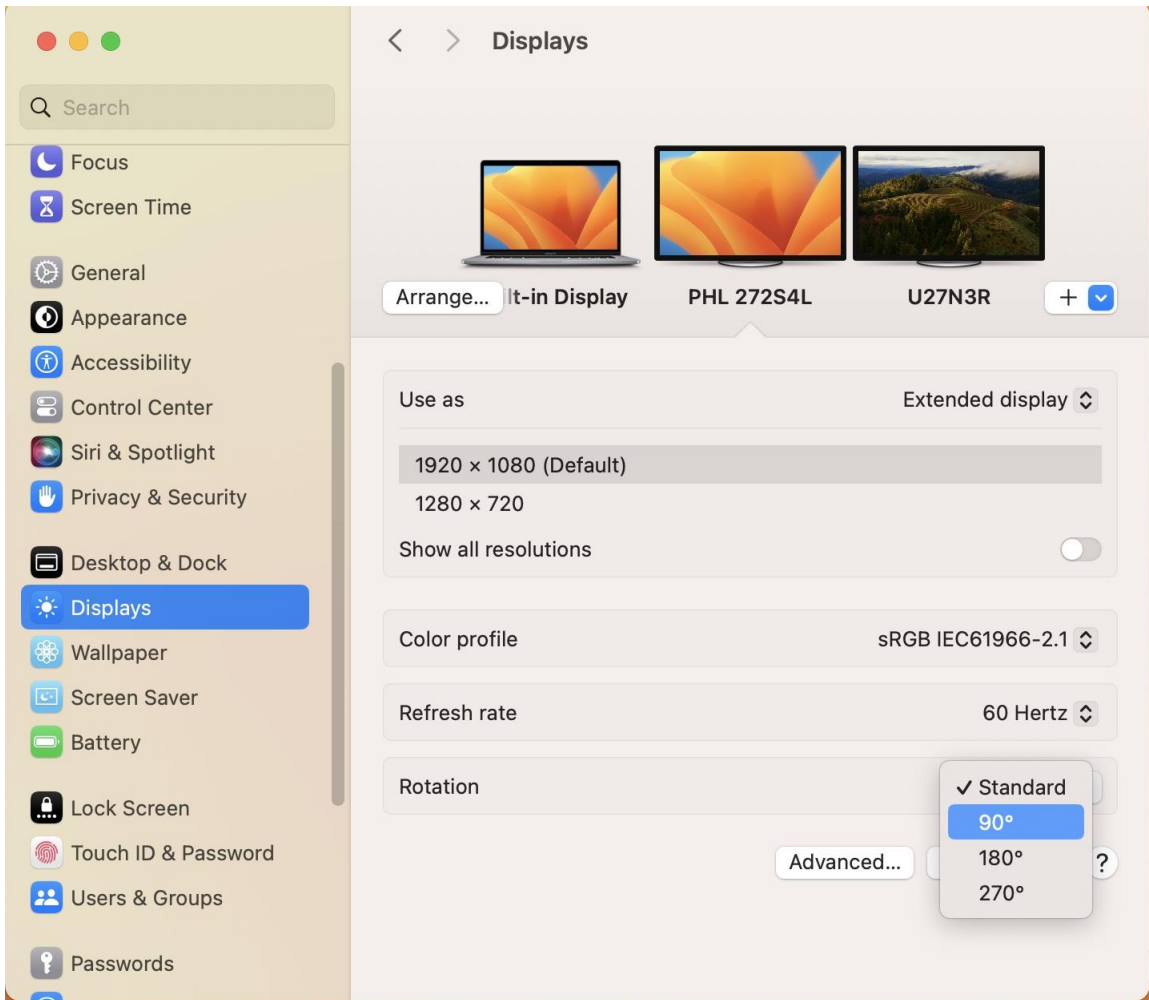
If users are using 4K displays on certain Apple silicon or Intel chip platforms, the HiDPI resolution by “System Preferences” is listed. It has a more delicate display than the low resolution.



3.2.4 Change Display Orientation

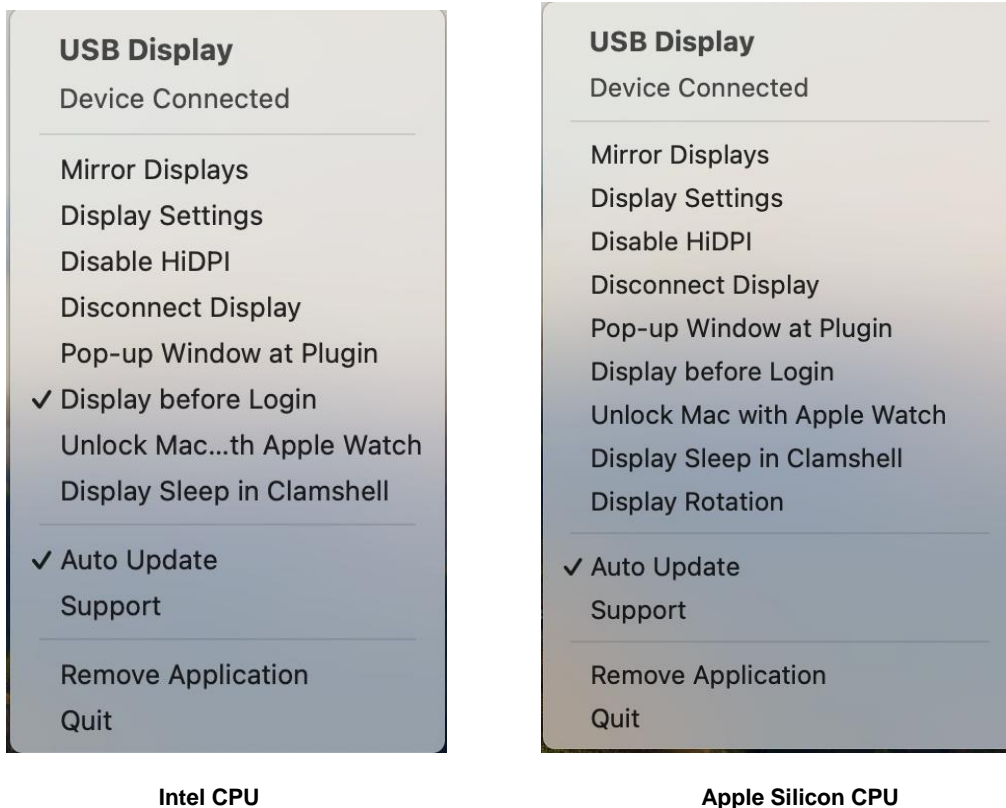
The rotation of SMI displays is available from macOS Big Sur (x86 platform).

Click “**System Preferences**” > “**Displays**” > “**Rotation**” and choose from 90° to 270° to rotate the image on the display.



3.2.5 Other Functions

Right click the SMI macOS InstantView icon on the taskbar to find out all the functions available in the InstantView App. The following sections introduce usages and descriptions of these functions.



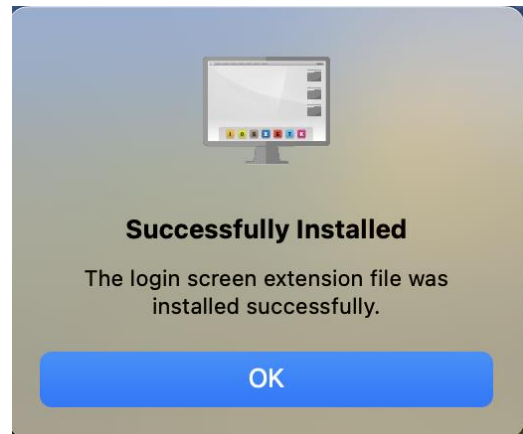
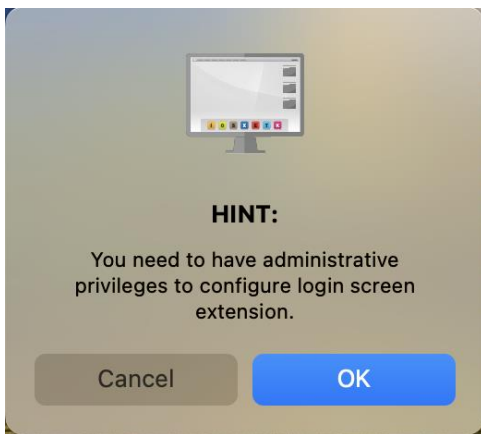
USB Display:

- **Device Connected/Disconnected:** Current status of device.
- **Extend/Mirror Displays:** Extend display(s) or mirror display(s).
- **Display Settings:** Open System Preferences -> Displays.
- **Enable/Disable HiDPI:** Enable or disable HiDPI function.
- **Disconnect/Connect Display:** Disconnect display or connect display.
- **Pop-up Window at Plugin:** Reboot OS and log in or plug in SMI Docking Station/Dongle. The UI of SMI Windows InstantView App will pop up.
- **Display before Login:** Light SMI Display before the user logs in to the system.
- **Unlock Mac with Apple Watch:** User can use Apple Watch to unlock Mac by enabling this option.

-
- **Display Sleep in Clamshell:** All displays will enter sleep mode automatically when the lid is closed. The display resumes itself when re-opening the lid. This feature started in macOS Monterey.
 - **Display Rotation (Apple Silicon only):** Users can jump to the system Settings rotation page through this button on Apple silicon.
 - **Auto Update:** The App updates automatically with user's permission if a new version is available.
 - **Support:** Trigger information collection for users to upload and request support from SMI.
 - **Remove InstantView:** Remove the macOS InstantView App from computer.
 - **Quit:** Exit the macOS InstantView App.

Special Instructions of Function “Display before Login”:

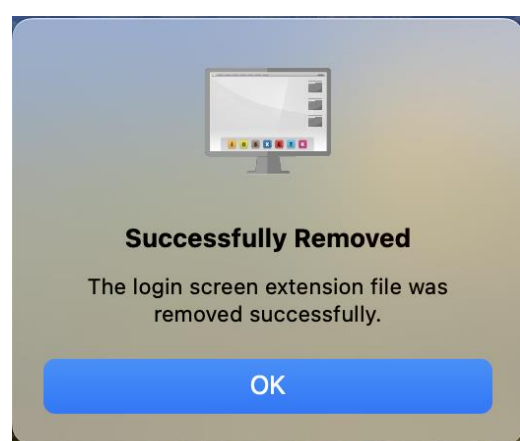
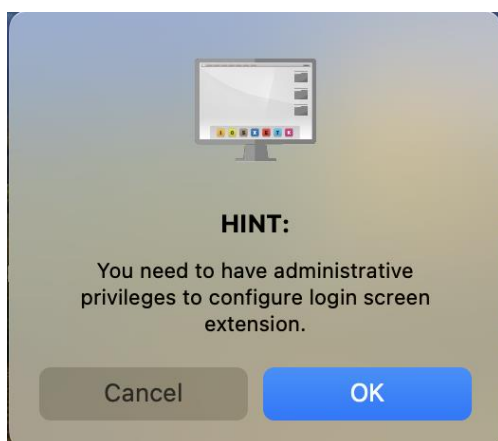
- “Display before Login” is disabled by default.
- If macOS InstantView is launched, the APPLICATION will not generate an InstantView icon inside Launchpad by default.
- After enabling the function “Open before Login”, macOS User Account Control will pop up to get user permission. Please click “OK” to agree the permission, and the next dialog “Successfully Installed” will be shown.



Note:

If “Display before Login” is enabled, the APPLICATION will generate new InstantView icon inside Launchpad if there is no existing InstantView icon.

- Disable the function “Open before Login”. The system will require the permission again.



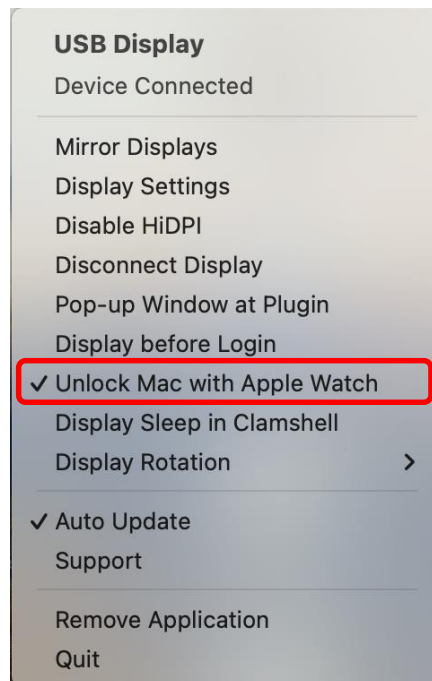
Note:

If “Display before Login” is disabled, the APPLICATION may remove InstantView icon inside Launchpad.

Special Instructions of Function “Unlock Mac with Apple Watch”:

Use Apple Watch to unlock your MacBook with SMI Device:

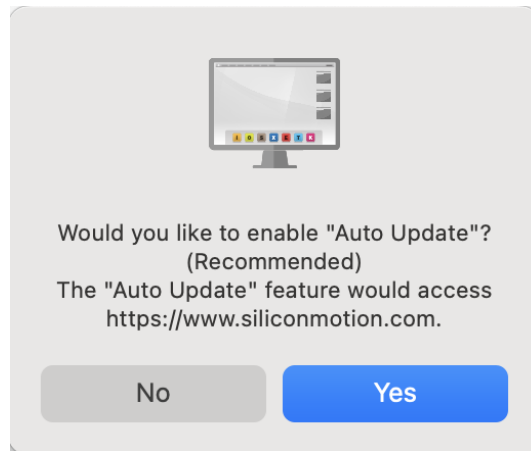
- Enable this feature via the RIGHT CLICK macOS InstantView application icon on the menu bar. Click “Unlock Mac with Apple Watch” to enable the option.



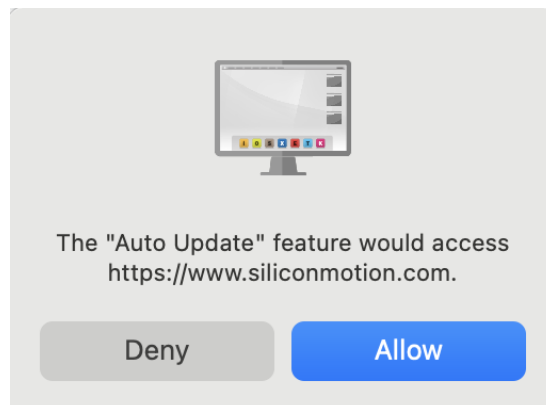
- Unlocking your MacBook with Apple Watch is a feature developed by Apple. Please learn how to configure your Apple Watch to unlock your MacBook from Apple: <https://support.apple.com/en-us/HT206995>.
- Please note that this feature is not compatible with screensavers. To unlock a MacBook using the Apple Watch, you must disable screensaver so that the monitor can go to sleep/power save mode.

Special Instructions of Function “Auto Update”:

- To download and use SMI macOS InstantView for the first time, the “Auto Update” feature is unchecked. The request-network-access dialog will pop up.

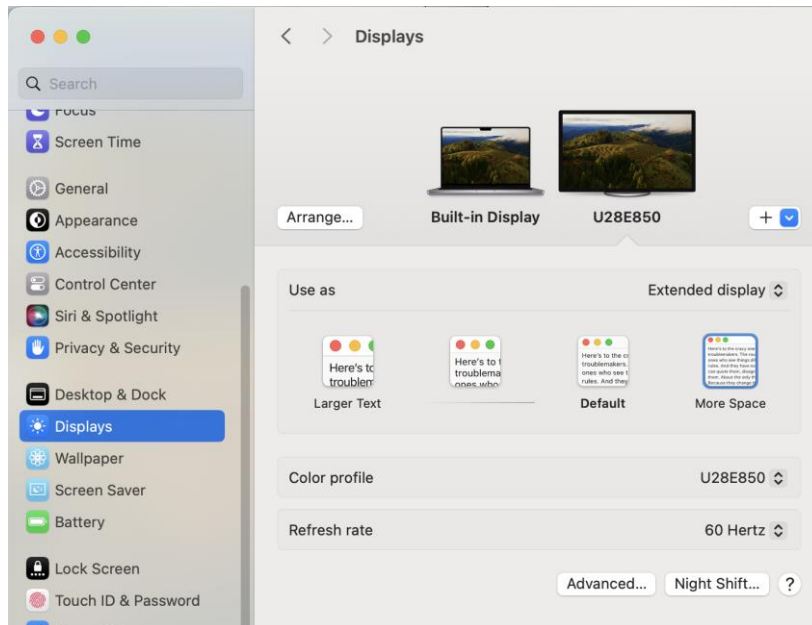


- Set “Auto Update” function from unchecked to checked. The request-network-access dialog will also pop up.

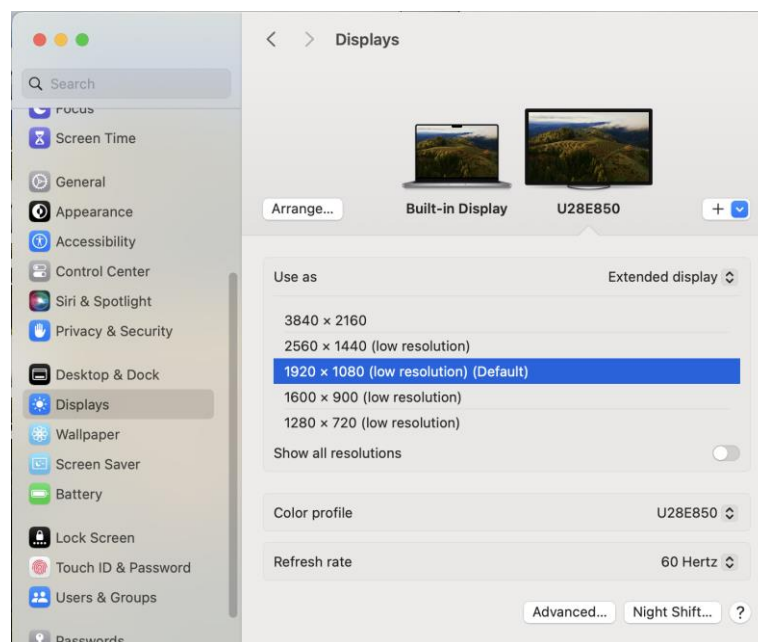


Special Instructions of Function “Enable/Disable HiDPI”:

- HiDPI function support for 4K monitors:
 - Intel-based Mac Device and Apple Silicon Mac Device (macOS 12.0 or above).
 - Apple Silicon Device (macOS 11.x) does not support 4K HiDPI resolution.
- Due to HiDPI resolution limitation, the system may not fit into smaller resolutions.
- If the HiDPI function is enabled, additional inferred resolutions (16:9, 21:9, and 32:9) are introduced on 4K displays.

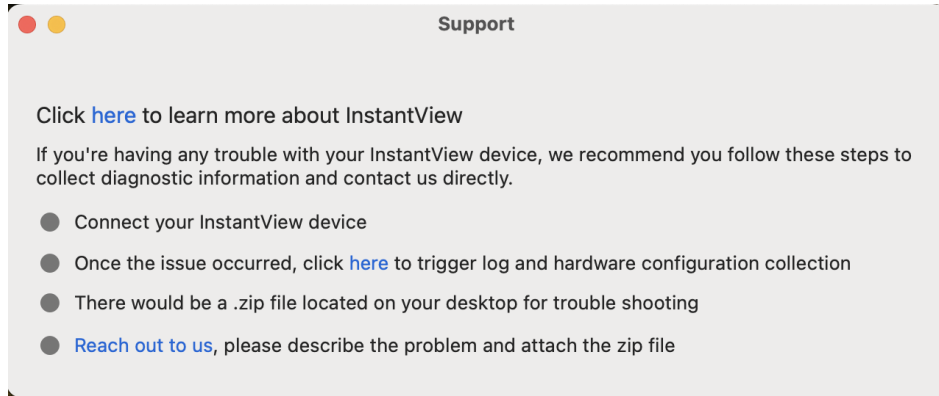


- If the HiDPI function is disabled, the resolution list is generated from the monitor’s EDID.



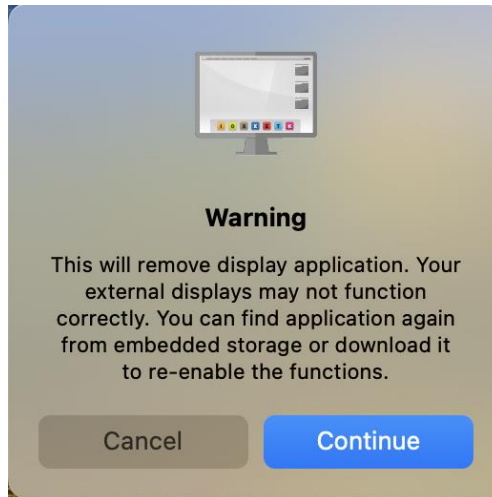
Special Instructions of Function “Support”:

- “Support” function is introduced from InstantView 3.14.



Special Instructions of Function “Remove InstantView”:

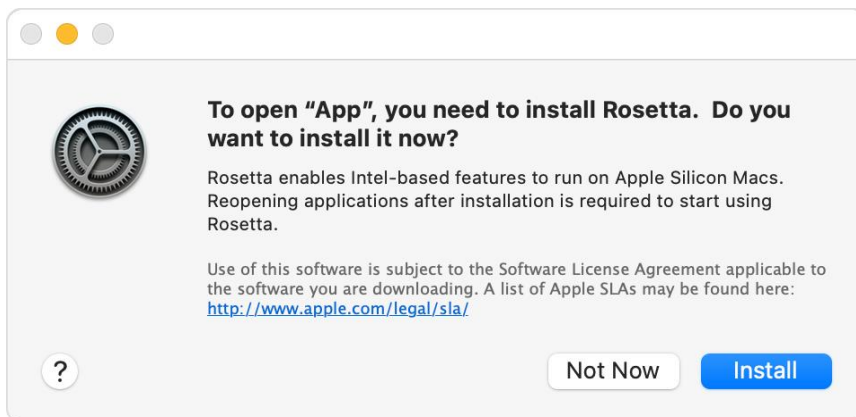
- Click function “Remove application” and click “Continue” to remove the InstantView App.



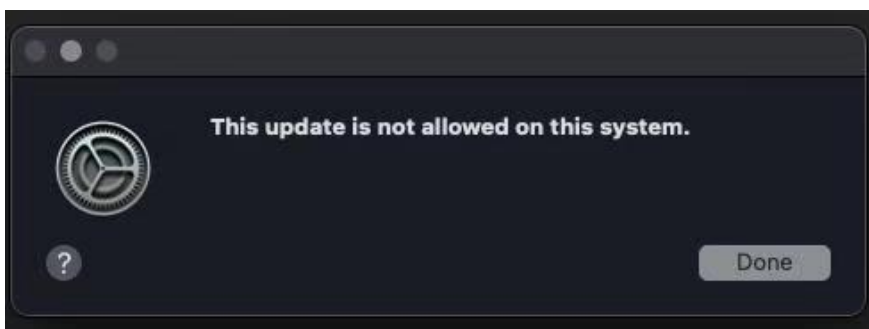
4. Appendix

4.1 Rosetta Installation on Apple M1 MacBook

- Run SMI MacOS InstantView App on Apple M1 MacBook, and click “Install”.



- If the dialogue “This update is not allowed on this system” pops up, please complete the setting according to the following steps.



- Open “**Privacy & Security**”, tick “**App Store and identified developers**”, and then install “Rosetta” again.

