



comsol CMSM02 Universal USB Dual HDMI Multiport Adapter User Manual

[Home](#) » [comsol](#) » comsol CMSM02 Universal USB Dual HDMI Multiport Adapter User Manual 

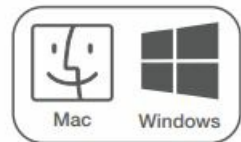
comsol CMSM02 Universal USB Dual HDMI
Multiport Adapter User Manual



Model: CMSM02
Universal USB Dual HDMI Multiport Adapter



User Manual v1.1





Port		Description
1	USB-C Male	Connect this cable to a USB-C port on your laptop.
2	USB-C to A Adapter	Connect to older laptops with a USB-A 3.0 if you do not have a USB-C port on your laptop. Note: Power Pass through is not supported with USB-A host
3	USB-C 3.1 Data Port	Connect a USB-C device including flash drives, a web cam or external storage devices to this high speed USB-C 3.1 port at speeds up to 5Gbps
4	2 x USB-A 3.0 Data Ports	Connect USB-A devices including flash drives, a web cam, a printer or external storage devices to these high speed USB-A 3.0 ports at speeds up to 5Gbps
5	HDMI Port 1	Connect your first monitor to HDMI 1 for maximum single display resolution
6	HDMI Port 2	Connect your second monitor to HDMI 2 for dual monitor display
7	USB-C Power Port	Connect your Laptop's USB-C power supply to this port to supply up to 100W of power pass through to your laptop

Contents

[1 Specifications](#)

[2 Operation](#)

[3 Silicon Motion Drivers for macOS](#)

[4 Documents / Resources](#)

[4.1 References](#)

Specifications

- Connect two monitors, a keyboard & mouse, USB storage devices & other USB devices all via a single USB-C connection
- Silicon Motion technology supports dual monitors in mirror or extended desktop mode for Windows and macOS, including MacBooks with M1, M2 or Intel chips
- Maximum single monitor resolution on HDMI 1 is 4K 3840 x 2160 @30Hz
- Maximum dual monitor resolution 1 x 4K 3840 x 2160 @30Hz & 1 x Full HD 1920 x 1080 @60Hz
- 2 x HDMI monitor ports

- 2 x USB-A 3.0 data ports (5Gbps)
- 1 x USB-C 3.1 data port (5Gbps)
- 1 x USB-C female port for up to 100W of power pass through
- 1 x USB-C male to connect to host computer
- 1 x USB-C to USB-A Adapter
- Dimensions: 110 x 65 x 17mm
- Weight: 94g

Operation

It is recommended to use the USB-C multiport adapter with your computer's power supply connected to the USB-C Power Port. This will provide power to the multiport adapter while also providing power to charge your computer.

Connect the multiport adapter to your computer by plugging the USB-C male cable into a USB-C port on your computer. Connect your computer's power supply to the USB-C Power Port. This adapter supports up to 100W of power pass through. Connect to an older laptop using a USB-A 3.0 port with the included USB-C to USB-A adapter. Power pass through is not supported when USB-A is the host connection

Connect 1 or 2 external monitors to the HDMI ports. This multiport adapter uses Silicon Motion Instant View technology for universal monitor support on Windows and macOS. Windows has Silicon Motion drivers built-in and the monitors should automatically start working after approximately 1 minute. macOS users, please follow the "Silicon Motion Drivers for macOS" section on Page 4 to install the drivers.

For maximum single display resolution, connect your monitor to HDMI Port 1. Maximum resolution supported in single monitor operation is 4K 3840 x 2160 @30Hz. You can run dual monitors in mirror or extended mode. Maximum resolution supported in dual monitor operation is 1 x 4K 3840 x 2160 @30Hz (HDMI 1) & 1 x Full HD 1920 x 1080 @60Hz (HDMI 2)

Connect your USB-A and USB-C devices to the USB-A and USB-C data ports such as keyboard/mouse, USB flash drives, external storage devices, webcams or other USB peripherals. The maximum data transfer rate is 5Gbps.

Silicon Motion Drivers for macOS

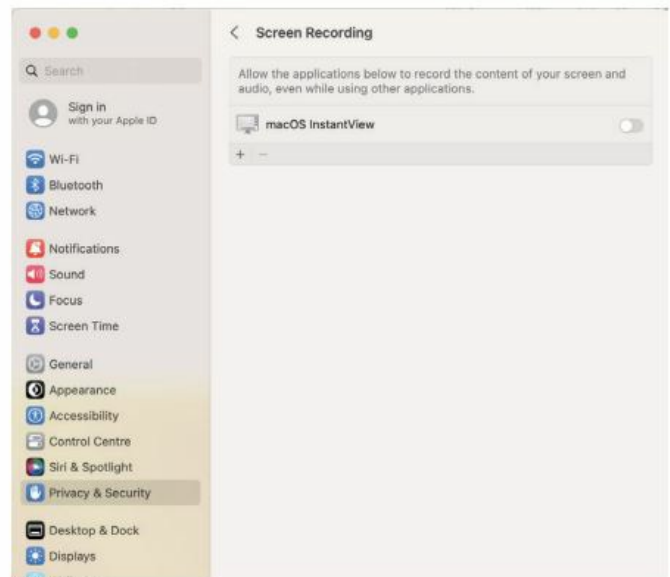
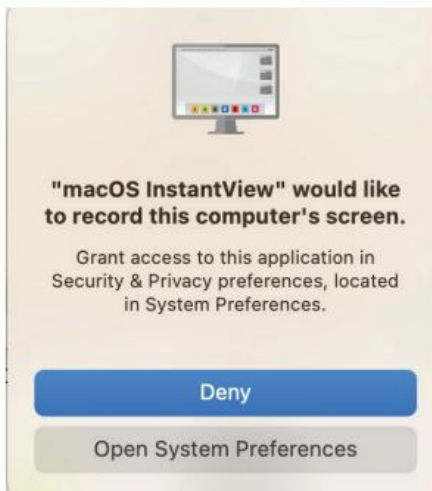
This adapter requires the host computer to have Silicon Motion Instant View drivers installed to support external monitors. Windows support Instant View natively and don't need additional drivers installed to run external monitors.

Note: macOS users will need to install Silicon Motion Instant View drivers to run external monitors. Silicon Motion Instant View drivers are available for MacOS X 10.10 onwards. For optimum performance it is recommended to download and install the latest version of Silicon Motion Instant View.

1. Visit <https://www.siliconmotion.com/downloads/index.html> and select "Recommended: Instant View display application with UI. Support macOS 13 Ventura, 12 Monterey, 11 Big Sur and 10.15 Catalina including MacBook Air/Pro (M1/M2 & Intel powered)"
2. Selecting the above will download the latest version of "Instant View display application"
3. After downloading and accepting the License, double click the downloaded file and run the Instant View Installer
4. Follow the on screen instructions to complete the installation
5. Make sure your external monitors are connected to the multiport adapter via a HDMI cable
6. When you run the Instant View app for the first time this box will display. This a necessary function of Instant

View however no data is permanently recorded or exported. To proceed click “Open System Preferences”

7. If the lock in the bottom left corner of the “Privacy & Security” window is locked, then click to unlock it and ensure that you check the box next to the macOS Instant View to enable Screen recording



Turn over to complete installation

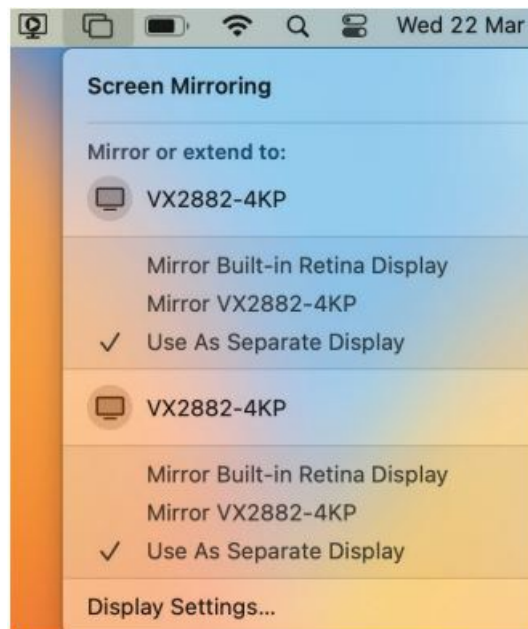
8. Once complete, the Instant View app launches, this is where you can disconnect the app if required or change from the default extend display mode to mirrored display if you require



9. The Instant View app can be accessed either here in the top menu by clicking the icon on the far left below or selecting it from the Applications folder of macOS



10. Clicking the icon with two screens on the top menu will help you select your desired Display Settings



Trouble Shooting

Monitors not Working If you are on MacOS and your displays do not work, ensure you have completed all the steps in this manual on pages 4 & 5 including allowing “Silicon Motion Instant View to record the contents of the screen”

If your Windows displays do not come on after a minute then visit the Silicon Motion Downloads page and update your drivers to the latest official drivers here <https://www.siliconmotion.com/downloads/index.html>

If after completing these steps your displays still do not work please contact Consul Tech Support here <https://www.comsol.com.au/tech-support> or using the Live Chat at <https://www.comsol.com.au/>

Connection Issues

If you are experiencing connection problems, unplug and relog the USB-C multiport adapter or unplug and replot the connection that is experiencing problems.

If you are using the USB-C multiport adapter to charge your phone, or connect a large external storage device or other USB devices that consumes a large amount of power, you must connect your computer’s power supply to the multiport adapter.

Laptop Charging not working

If you are connecting to a laptop using a USB-A port, the docking station will not provide power to charge the laptop. You must charge your laptop using its own power supply.

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Documents / Resources



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CMSM02 Universal USB Dual HDMI Multiport Adapter, CMSM02, Universal USB Dual HDMI M
ultiport Adapter, HDMI Multiport Adapter, Multiport Adapter, Adapter

References

- [Comsol | Stay Connected](#)
- [Comsol | Stay Connected](#)
- [Tech Support](#)
- [SM76x Driver Download - Silicon Motion](#)