



**SplitXtend USB 3.0 to Quad
HDMI Display Adapter
USER MANUAL**

SX-4C4K1080

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the service life of your equipment.

Please Activate your warranty by registering our product through the link below - www.orei.com/register

Technical Support

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Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

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Or

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Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

Safety Instructions

Before using this product, please carefully read the following safety instructions to ensure its proper use and keep this manual for future reference:

- To prevent electric shock, do not attempt to open the product.
- Only qualified personnel should perform any repairs or maintenance.
- Always place the product on a stable, flat surface to prevent it from falling.
- Do not expose the product to water, moisture, or high-humidity environments to avoid the risk of damage.
- To prevent damage from direct sunlight or high temperatures, do not expose the product to such environments.
- Do not place the product near heat sources like radiators, heat registers, stoves, or other heat-producing apparatus.
- Do not place any objects on top of the product to avoid damage.
- Use only the attachments and accessories specified by the manufacturer.

The SplitXtend SX-4C4K1080 is a USB A/C to Quad HDMI Display adapter that allows you to connect 4 displays to your laptop, enabling screen extension or duplication to boost productivity. It supports video resolutions up to 4K@30Hz on two ports and 1080p@60Hz on the other two. It is compliant with USB 3.0 and compatible with Thunderbolt 3/4 ports, and works seamlessly with Windows, MacOS, Ubuntu, and ChromeOS. Connect up to 8 displays on Windows and 6 on MacOS. This device is perfect for enhancing productivity.



Features & Package Contents


1. USB 3.0 compliant
2. Video output up to 4K@30Hz on two ports, and up to 1080p@60Hz on the other two ports.
3. Mirror or Extend up to 4 displays
4. Compatible with Thunderbolt 3/4 ports
5. Connect up to 8 displays on Windows and 6 on Mac using multiple units of this adapter
6. NOTE: Driver installation required
7. Ideal for general productivity
8. Minimum system requirements:
Windows 7/8/8.1/10 and above or Mac OS 10.10.x and above
CPU Processor: Core i5 and above.
RAM: 4GB and above

Package Contents

1.	SX-4C4K1080	1 pcs
2.	USB C Power Cable	1 pcs
3.	User manual	1 pcs

Driver Installation

Go to siliconmotion.com/downloads/ and download the correct drivers:



SM76x Driver Download



Windows

OS Description	Version	Release Date	Release Notes	Download
Windows 11, Windows 10, Windows 7, Windows 8.1 Driver	V2.14.R01	Jan 3, 2023	Release Notes	Download

macOS

OS Description	Version	Release Date	Release Notes	Download
Recommended: InstantView 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)	V3.14.R04	Jan 3, 2023	Release Notes	Download
Legacy Display Driver for macOS 10.15 Catalina, 10.14 Mojave and 10.13 High Sierra	V2.2.16.0	Jan 3, 2021	Release Notes	Download
Legacy Display Driver for macOS 10.10, 10.11 and 10.12	V2.1.4.0201	Dec 12, 2019	Release Notes	Download

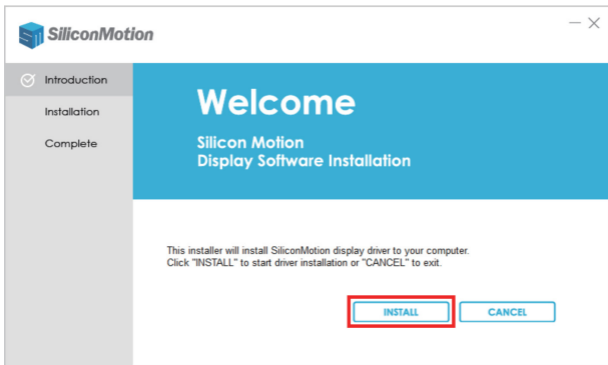
Android

OS Description	Version	Release Date	Release Notes	Download
Android 7.1 and above	V2.14.0.0	Jan 18, 2023	Release Notes	  Download

Driver Installation

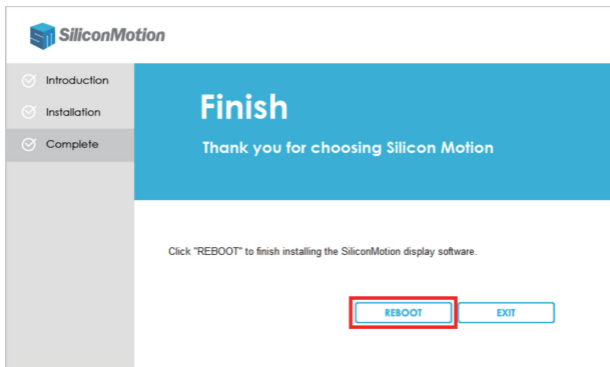
For Windows

1. Unzip the driver file, and double click to open the ".exe" file, and then click "INSTALL"



Note: If a security prompt pop-up appears, click "INSTALL" or "Run Anyway"

2. After installation, click "REBOOT" to restart the computer

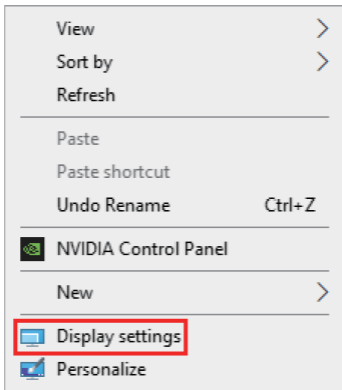


NOTE: The process is the same for MacOS and other OS. Please follow the instructions on your computer to install the drivers.

Display Mode Setting

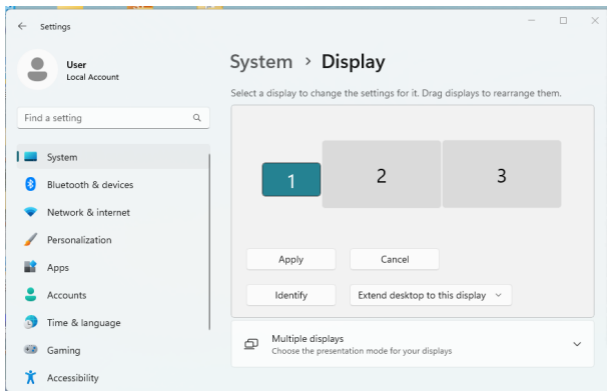
For Windows

1. Right click anywhere on the desktop and click "Display settings"



Display Mode Setting

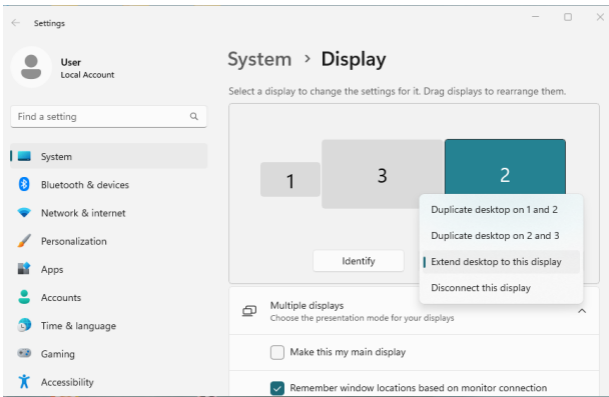
2. In the “Display” settings, click each of the display windows to set the needed resolution or change other settings. You can also arrange the displays based on their actual placement here.



Display Mode Setting

3. On the bottom right corner would be a dropdown with various settings to extend or duplicate the select display.

Select Extend to this display option to extend the display.

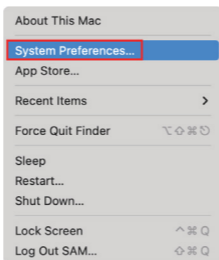


The screenshot shows the Windows Settings application at the 'System > Display' page. On the left, there is a navigation pane with categories like System, Bluetooth & devices, Network & internet, Personalization, Apps, Accounts, Time & language, Gaming, and Accessibility. The main area shows three displays labeled 1, 3, and 2. A context menu is open over display 2, offering options: 'Duplicate desktop on 1 and 2', 'Duplicate desktop on 2 and 3', 'Extend desktop to this display' (which is highlighted), and 'Disconnect this display'. Below the display area, the 'Multiple displays' section is visible, with options to 'Make this my main display' (unchecked) and 'Remember window locations based on monitor connection' (checked).

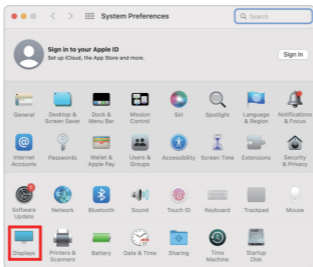
Display Mode Setting

For Mac OS

1. Left click the Apple icon and select "System Preferences"



2. Click on "Displays"



Display Mode Setting

3. On the "Display" page, click each of the display window to set its position or mirror or extend the displays

Arrange Displays

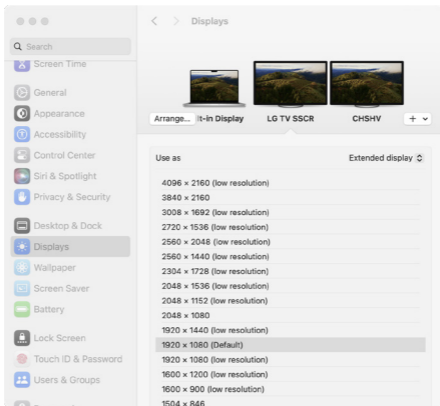
To rearrange displays, drag them to the desired position. To mirror displays, hold Option while dragging them on top of each other. To relocate the menu bar, drag it to a different display.



Done

Display Mode Setting

4. In the “Displays” settings choose each connected display to set the resolution and mode



Note

- Please note that MacOS devices do not support rotation mode, but M1/M2 Macs support clamshell mode.

- To use this adapter, your USB-C™/USB3.0 equipped device must support USB 3.0 data transmission.

Supported Resolutions

	1080p Port	4K Port
Windows	1920x1080@60Hz	3840x2160@30Hz
	1680x1050@60Hz	2560x1440@60Hz
	1600x1200@60Hz	1920x1080@60Hz
	1600x900@60Hz	1680x1050@60Hz
	1440x1050@60Hz	1600x1200@60Hz
	1440x900@60Hz	1600x900@60Hz
	1280x1024@60Hz	1440x1050@60Hz
	1280x800@60Hz	1440x900@60Hz
	1280x720@60Hz	1280x1024@60Hz
	1152x864@60Hz	1280x800@60Hz
	1024x768@60Hz	1280x720@60Hz
	800x600@60Hz	1152x864@60Hz
	720x480@60Hz	1024x768@60Hz
	640x480@60Hz	800x600@60Hz
	/	720x480@60Hz
	/	640x480@60Hz

Supported Resolutions

	1080p Port	4K Port
Mac OS	1920x1080@60Hz	3840x2160@30Hz
	1920x1080@30Hz	2560x1440@60Hz
	1600x900@60Hz	1920x1080@60Hz
	1280x720@60Hz	1920x1080@30Hz
	/	1600x900@60Hz
	/	1280x720@60Hz

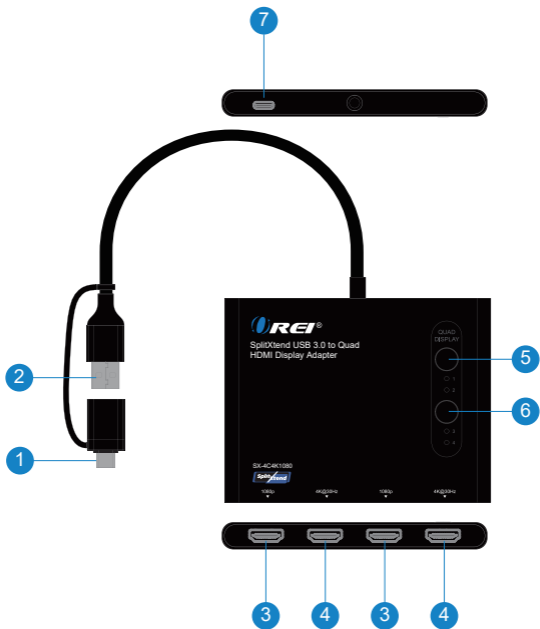
OS		1080p Port	4K Port
Windows	Mirror mode	1920x1080@60Hz	1920x1080@60Hz
	Extend mode	1920x1080@60Hz	3840x2160@30Hz
Mac OS	Mirror mode	1920x1080@60Hz	3840x2160@30Hz
	Extend mode	1920x1080@60Hz	3840x2160@30Hz

Specifications

Technical	
HDMI Compliance	HDMI 1.4
Video Bandwidth	1.65Gbps per channel (4.95Gbps all channels)
Video Resolution	4K@30Hz
Color Space	4:4:4/4:2:0
Color Depth	8/10/12 bit
Audio Formats	LPCM 2.0
HDR	Not supported
ESD Protection	Contact discharge ($\pm 4\text{kV}$), air discharge ($\pm 8\text{kV}$), Implementation of the standard: IEC61000-4-2
Connection	
Input	1 × USB [Type A/C, Male]
Output	4 × HDMI [Type A, 19-pin female]

Mechanical	
Housing	Aluminium Alloy + ABS
Color	Black
Dimensions	L: 117mm / 4.60in W: 90.5mm / 3.56in H: 12mm / 0.47in
Weight	305g / 10.75oz
Power Supply	FCC, CE, RoHS
Power Consumption	6W
Operation Temperature	0°C - 60°C / 32°F - 140°F
Storage Temperature	-10°C to 70°C
Relative Humidity	5% to 90% RH non-condensation

Operation Control & Functions

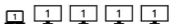


Operation Control & Functions

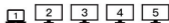
No.	Name	Function Description
1.	USB C	Connect to the USB C port on a Laptop
2.	USB A	Connect to the USB A port on a Laptop
3.	OUT1/OUT3	Connect a display device such as a TV or Monitor
4.	OUT2/OUT4	Connect a display device such as a TV or Monitor
5.	Button	On/off Button for OUT1 and OUT2 to turn both screens on/off
6.	Button	On/off Button for OUT3 and OUT4 to turn both screens on/off
7.	USB C	Connect to a 5V Power adapter via USB C Power Cable

Application Example

Mirror Mode & Extended Mode on both Windows & Mac OS



Mirror Mode



Extend Mode

FAQs & Troubleshooting

1. No video output

Try lowering the resolution from the laptop
Try changing the HDMI cables
Make sure your USB C port supports video output

2. No audio output

Check if the adapter is selected as the audio output in the settings

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website.
Our team will be more than happy to help you.

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