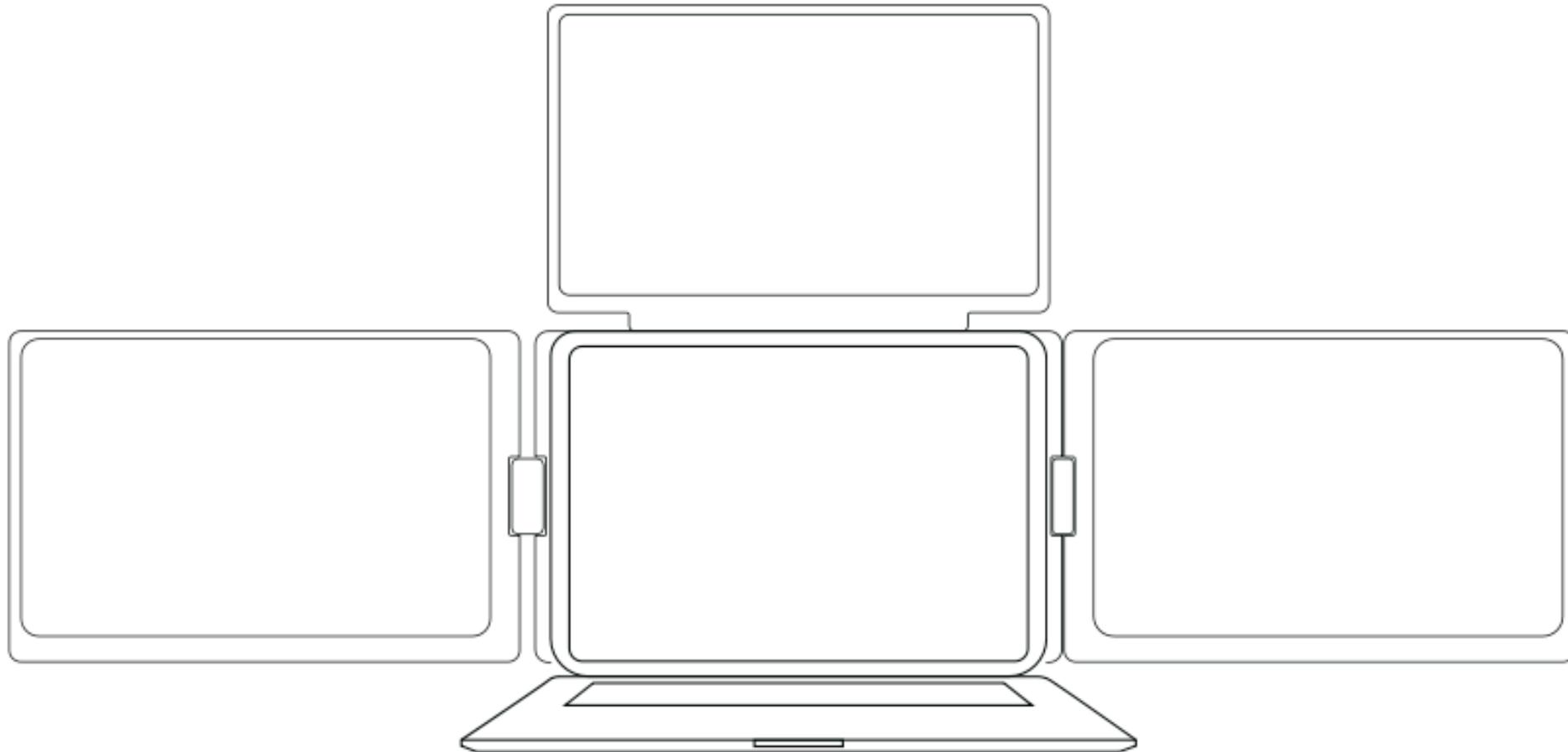


MagHub Quad 16" Laptop Screen Extender

INVZI

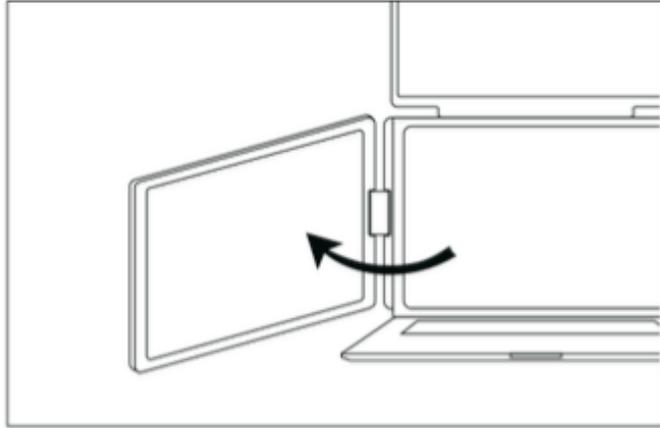


Attention!

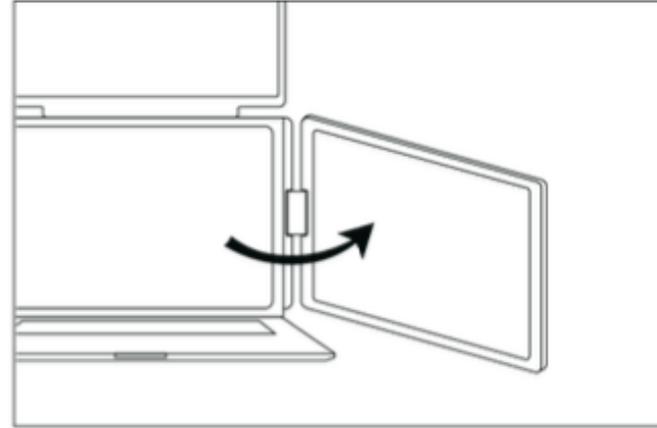
Please handle the MagHub Quad 16" with care and do not press the screens to avoid damage.

Do not exceed its maximum turning angle shown as below:

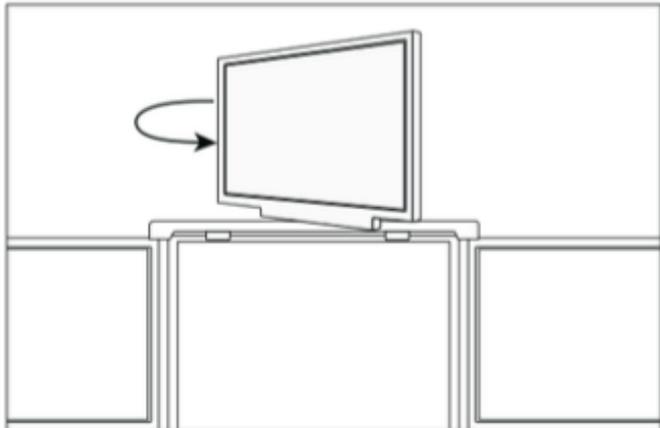
(0° - 360°)



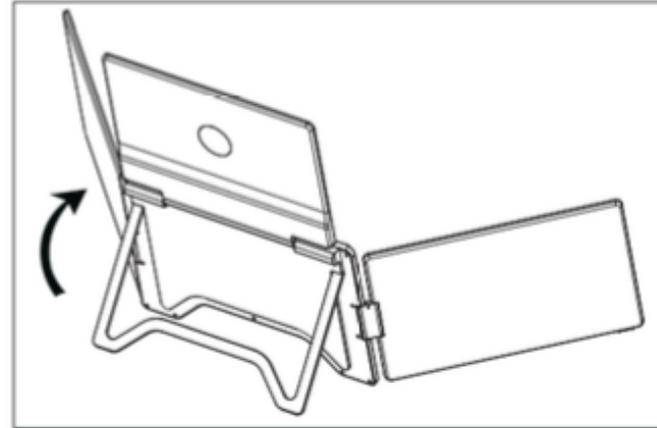
(0° - 360°)



(0° - 180°)



(0° - 180°)

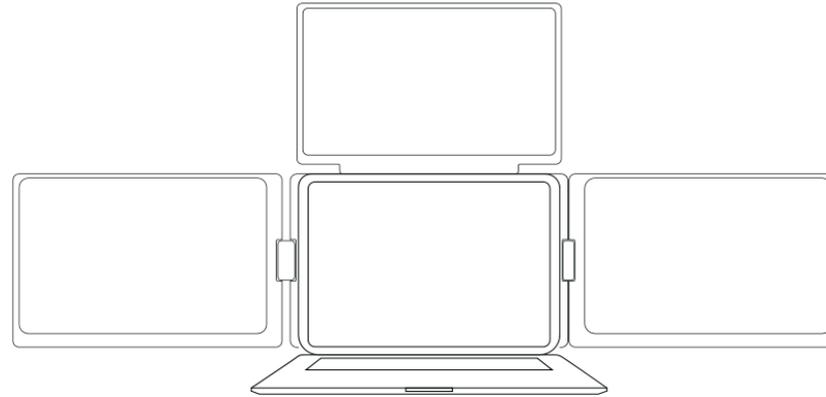


Rotating Angle of Screens

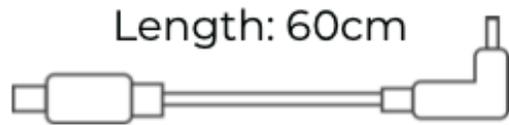
Left Screen (0° - 360°) / Right Screens (0° - 360°) / Top Screen (0° - 180°)

What's in the Box

MagHub Quad 16"



2 USB-A to
USB-C cable
(Video & Power)

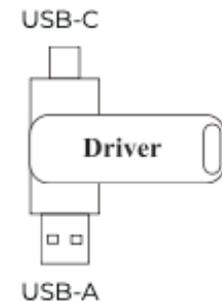


USB-C to
USB-C cable
(Video & Power)

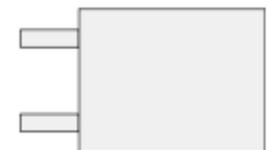


USB-C to
USB-C cable
(Power Only)

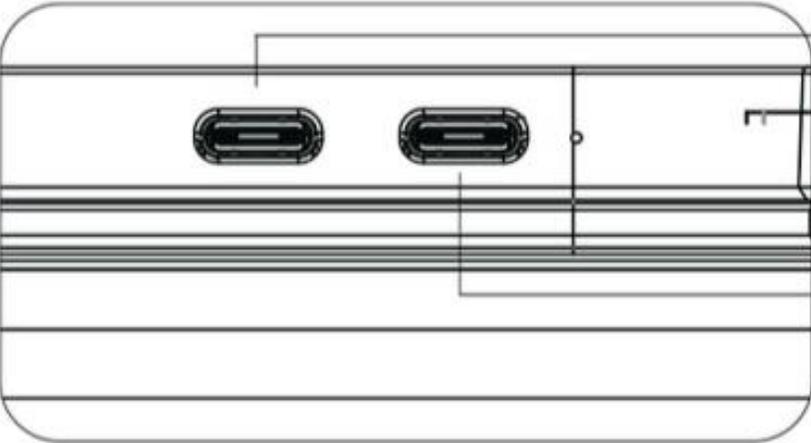
U disk (Including driver)



PD Power adaptor (30W)

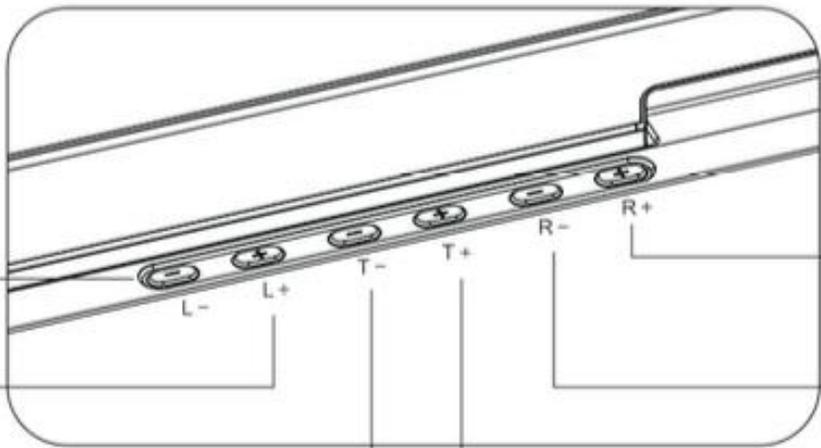


Inputs and Buttons



SS↔ Full functioned USB-C (Data signal)

SS↔ Full functioned USB-C (Data signal)



Brightness- (Left screen)

Brightness+ (Left screen)

Brightness- (Top screen)

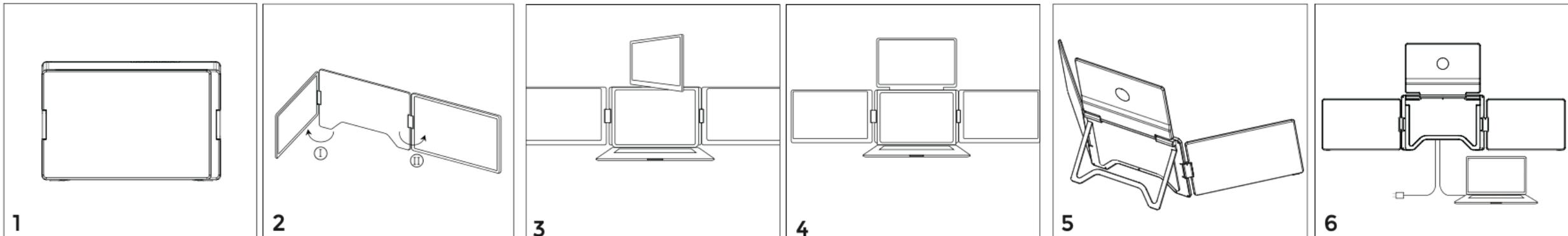
Brightness+ (Top screen)

Brightness+ (Right screen)

Brightness- (Right screen)

Setup Instructions

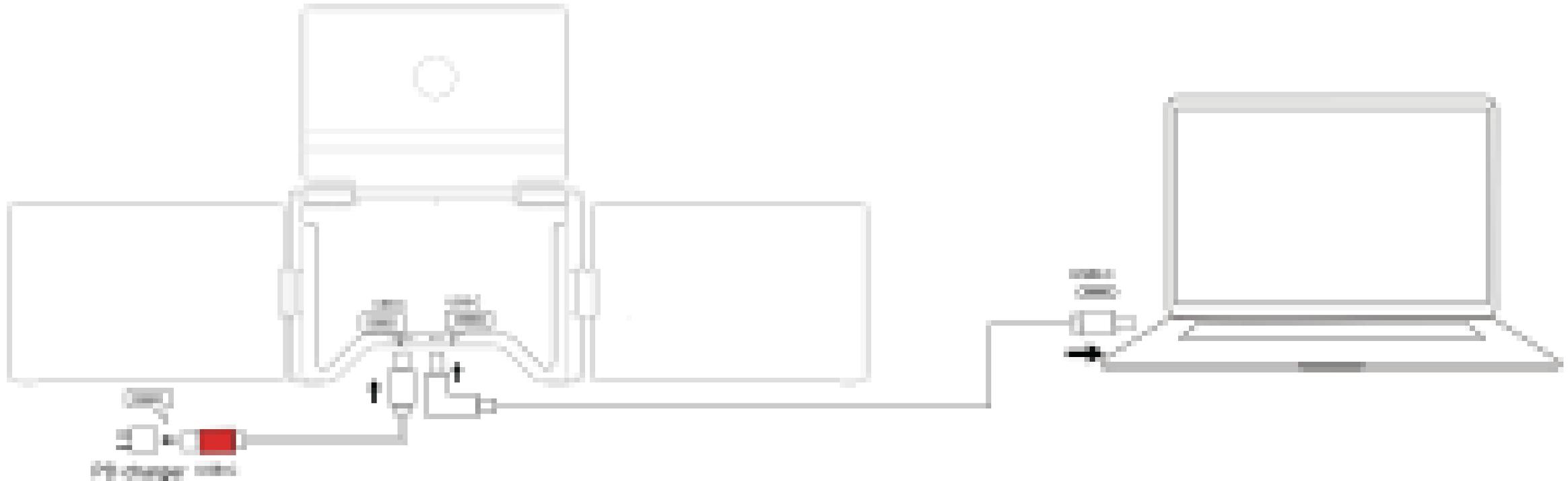
1. Remove the MagHub Quad 16" monitor from the box.
2. Gently unfold the left and right screens as shown in Figure 2.
3. Rotate the top screen upward, then adjust it horizontally until it aligns with your laptop screen (Figure 3).
4. Extend the rear support bracket to a stable position on the table.
5. Connect the MagHub Quad to your laptop using the included cables.
 - The top screen requires an external PD charger ($\geq 30W$). For best performance, use the PD charger included in the package.
 - Refer to the "Connection Methods" section for detailed cable setup.
6. Install the driver software to complete the setup. Refer to the "Driver Installation" section for step-by-step guidance.
7. Enjoy your new MagHub Quad 16" multi-screen workstation.



How to Connect with USB-C Port Triple Displays Mode

To enable all three external screens on the **MagHub Quad 16"**, follow these steps:

1. Connect the monitor to your laptop using the included **short USB-C to USB-C cable (Video & Power)**.
2. Plug in an **external PD charger (≥30W)** to power the **top screen**. If your laptop charger has a **USB-C output**, you may use it directly. Otherwise, use the **30W PD charger provided in the package**.
3. Once connected, the system will detect the additional displays. Adjust display settings in your operating system.



How to Connect with USB-A Port Triple Displays Mode

If your laptop does not support USB-C, you can connect the **MagHub Quad** using the included **dual USB-A to USB-C cable**.

1. Connect the **PD charger (≥30W)** to the monitor **FIRST**.
 - If your laptop charger has a **USB-C output**, you may use it.
 - Otherwise, use the **30W PD charger included in the package**.
2. Plug the **black USB-A connector** into your laptop.
3. The **top screen** requires external power to function.

💡 *Note: USB-A provides limited power. Always ensure the PD charger is connected for stable operation.*



How to Connect with USB-C Port

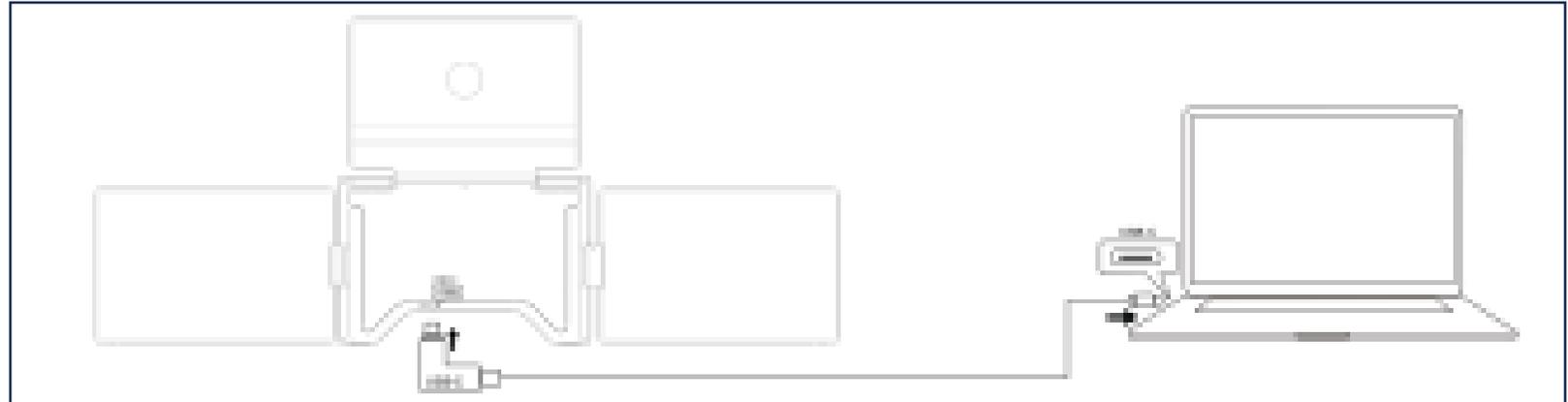
Dual Displays Mode- Left + Right Monitor

Connecting the MagHub Quad by USB-C to USB-C cable.

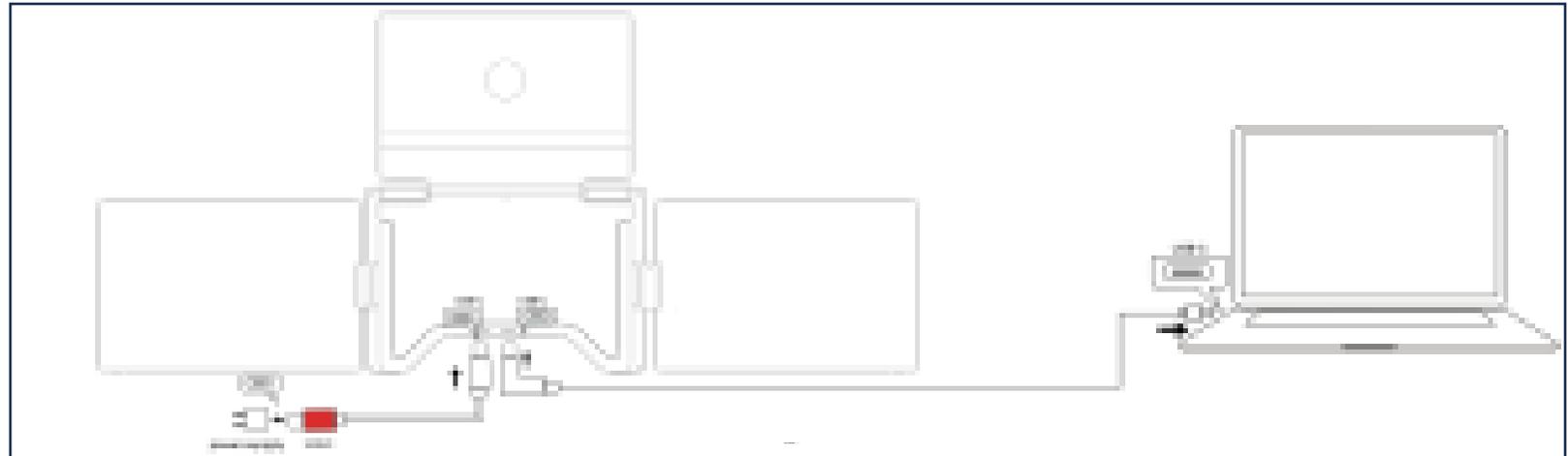
After the driver is installed, the left and right screens can be powered by one cable with the power of the laptop's USB-C port is $>10W$.

If the output power of the laptop port is lower than $10W$, external PD charger $\geq 15W$ is required.

Laptop Port Power $>10W$



Laptop Port Power $<10W$



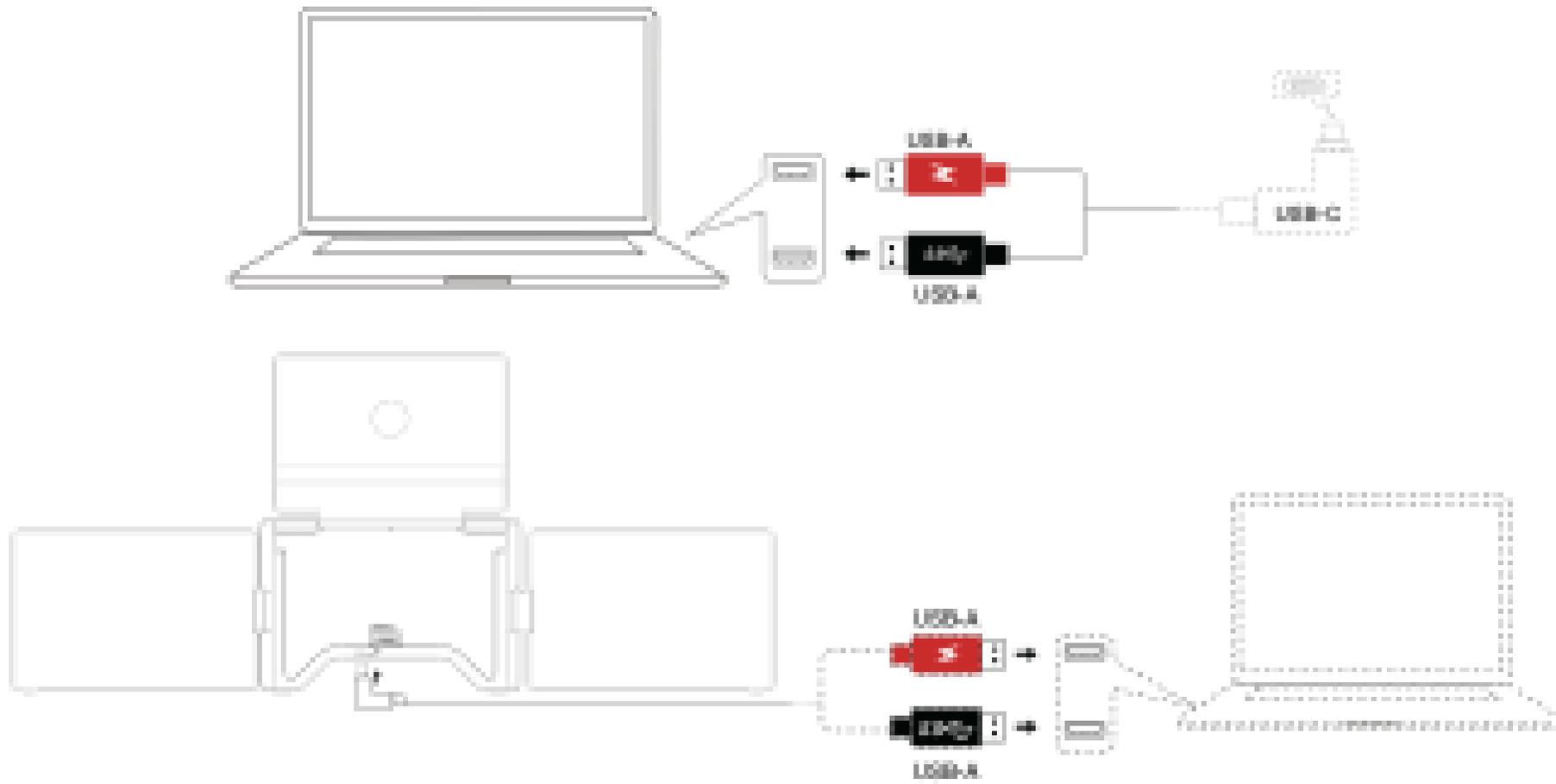
How to Connect with USB-A Port

Dual Displays Mode- Left + Right Monitor

Plug both **USB-A connectors** (black + red) into your laptop.

If only 1 USB-A port is available: connect **black USB-A** to the laptop and **red USB-A** to a **5V/3A PD charger**.

Connect the **USB-C ends** to the monitor.



Driver Installation

Windows 10 or Higher Version

Supported Systems: Windows 10 or higher.

- When the MagHub Quad 16" is connected via **USB-C or USB-A**, the driver will install automatically.
- Make sure your laptop is **connected to the internet** during installation.
- After installation, **restart your laptop** to begin using the monitor.
- If the driver does not install automatically, please install it manually using the included **U-disk**.

⚠ *Windows XP, 7, and 8 are not recommended or supported.*

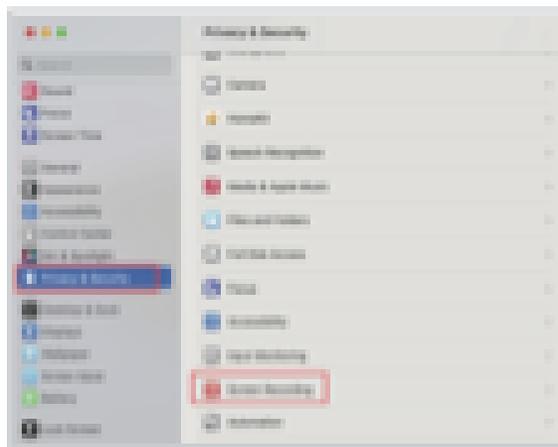


Driver Installation MacOS

Supported Systems: macOS 2019 or later (including M1, M2, M3).

1. Insert the included **U-disk** into your laptop. A folder named **“Drivers”** will appear.
2. Open the **“Drivers”** folder and select **“macOS”**.
3. Go to **System Preferences > Security & Privacy > Screen Recording**.
 1. Click **Unlock** (Apple ID and password required).
 2. Check **UsbDisplay** to allow the driver.
4. Restart your laptop after installation.
5. Connect the MagHub Quad monitor — it's now ready to use.

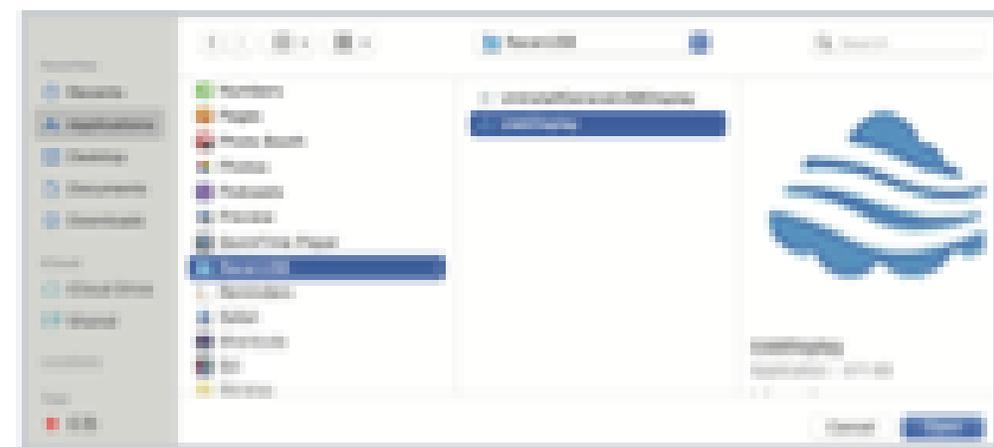
⚠ *Note: Only MacBooks from 2019 or later are supported.*



1. Enter "System Preferences" > "Security & Privacy" > "Screen Recording"



2. Click the "+" symbol as shown in the figure to add the driver

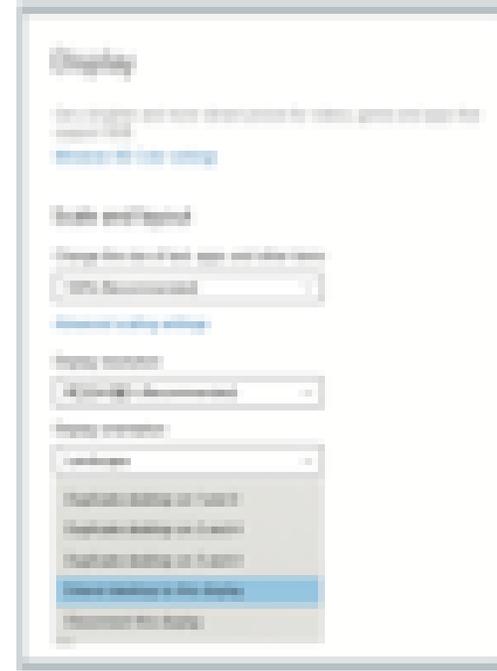


3. Click "Applications" > "RacerUSB" > "usbDisplay" > "Open" Follow the steps to add the driver. After successful installation, restart the laptop.

Laptop Display Configuration – Windows

Open **Display Settings**:

1. **Start > Settings > System > Display.**
2. Click **Identify**. A number will appear on each screen.
3. Drag and arrange the numbered screens to match the physical layout of your MagHub Quad.
4. If two screens overlap (e.g., 2/1 or 2/3), select one screen → go to **Multiple Displays** → choose **Extend desktop to this display**.
5. To adjust scaling, use **Change the size of text, apps, and other items**.
6. Recommended: **150%** (or set to your preference).



Laptop Display Configuration – MacOS

Open **System Settings > Displays**.

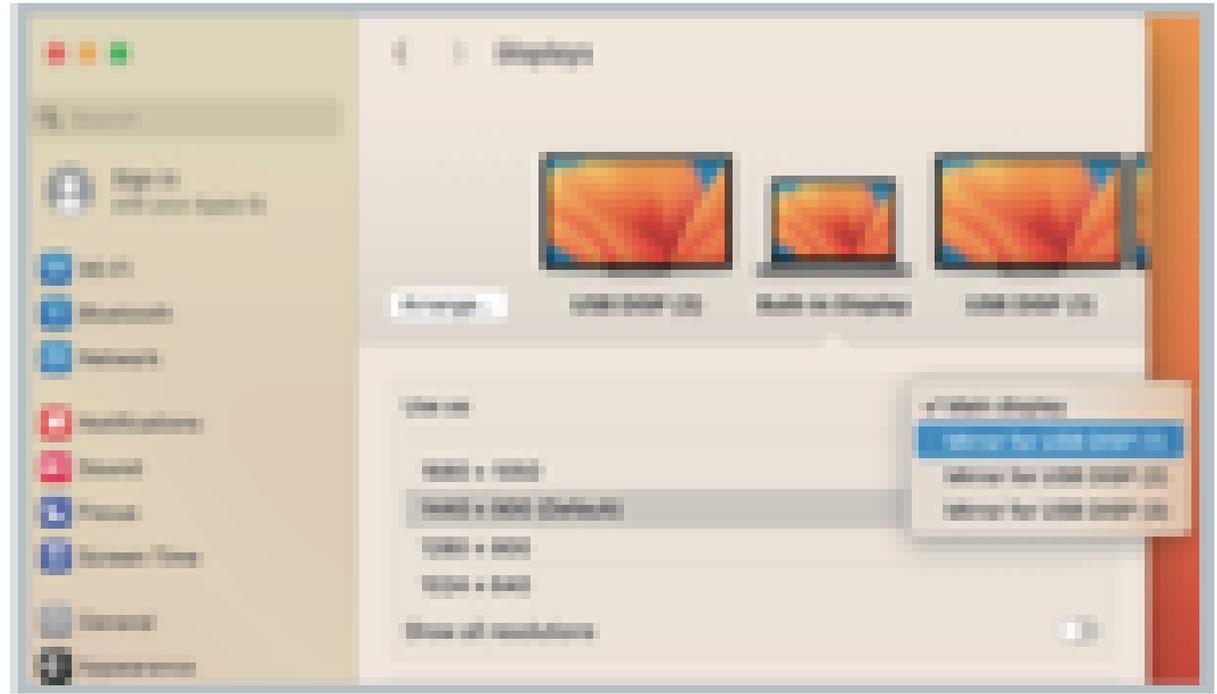
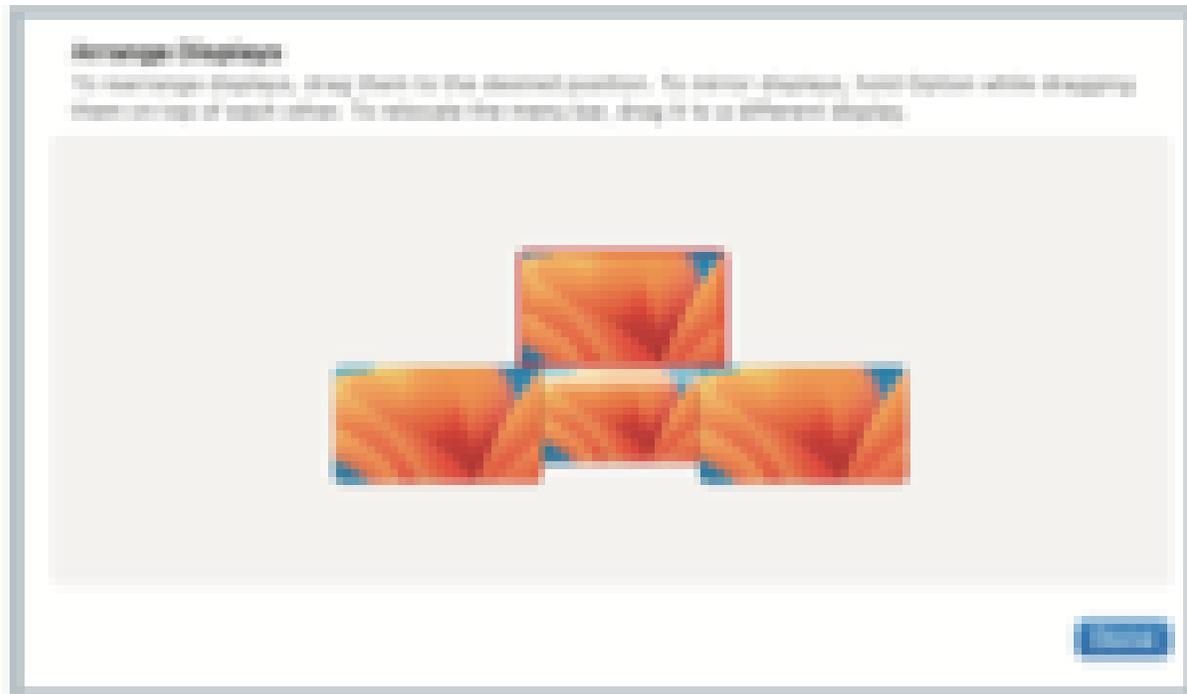
Click **Arrange Displays**.

A red frame will appear around each monitor. Identify which screen matches each icon.

Drag the display icons to match the physical layout of your MagHub Quad.

To mirror a screen: select the display → choose **Use as > Mirror for [device name]**.

To adjust scaling: select **Show All Resolutions** and choose your preferred resolution/zoom.



Auto-Rotation for Top Screen

Auto-Sensing Function

The **top screen** is equipped with an automatic sensing feature.

- When the top screen is **flipped down**, the displayed content will **automatically rotate** to match the orientation.
- This ensures a seamless viewing experience without manual adjustments.



Tech Specs

Screen Size	16-inch
Resolution	1920 X 1200
Aspect Ratio	16:10
Backlight Type	W-LED
Power Adapter	30W PD Charger
Speaker	None
USB-C1 Port	1920 X 1200 Video and Power Output
USB-C2 Port	1920 X 1200 Video and Power Output
Dimension	394 X 262 X 41.3 mm / 15.5 × 10.3 × 1.6 inches
Weight	2.64 KG / 5.82 LB

FAQ– MagHub Quad

FAQ – MagHub Quad 16"

- **Q1: Can I turn off any screen of the MagHub Quad?**

A1: Yes. You can turn off or restart any screen in your laptop's **display settings**.

- **Q2: Do I need to use the back stand?**

A2: Yes. The back stand must be used for stability when the monitor is set up.

- **Q3: Do I need to use the 30W PD charger included in the package?**

A3: Yes, the **top screen will not work without PD power**. We recommend using the included **30W PD charger**. A higher-power PD charger or a >20W PD power bank can also be used.

- **Q4: Can I use a docking station to connect the MagHub Quad?**

A4: No. Please connect the monitor **directly to your laptop ports** for stable performance.

- **Q5: After connecting to a MacBook, I see the boot logo but no display. What should I do?**

A5: Check if the driver icon appears in the menu bar. If not, open the **driver from the U-disk** and reinstall it.

- **Q6: My laptop has only one USB-C port (used for charging). How do I charge my laptop and use the monitor?**

A6: Use a **≥60W USB-C laptop power supply** to charge the MagHub Quad. Then connect the monitor's second USB-C port to your laptop — this allows **power pass-through** to charge your laptop.

- **Q7: Can I use the monitor without an external PD charger?**

A7: Without PD power, your laptop can support only the **left and right screens**. To use all three external screens, connect a **>20W PD power bank** or the included **30W PD charger**.

- **Q8: Do I need to install the driver manually?**

A8: On **MacBooks (2019 or later, including M1/M2/M3)** the driver must be installed manually. On **Windows 10+**, the driver usually installs automatically. If not, use the included **U-disk** to install it manually.

- Please feel free to contact us at: support@invzi.com