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› ACASIS 14-in-1 USB C Docking Station User Manual

ACASIS DS0202

ACASIS 14-in-1 USB C Docking Station User Manual

Model: DS0202

1. INTRODUCTION

Thank you for choosing the ACASIS 14-in-1 USB C Docking Station. This versatile docking station is designed to expand the connectivity of your USB-C or Thunderbolt 3/4 enabled laptop, transforming it into a powerful workstation. With a comprehensive array of ports, it allows for multi-monitor setups, high-speed data transfer, network connectivity, and power delivery, all through a single USB-C connection.



Figure 1: ACASIS 14-in-1 USB C Docking Station and included cables.

2. FEATURES

The ACASIS 14-in-1 USB C Docking Station offers extensive connectivity options:

- **Display Outputs:** 2 x HDMI (4K@60Hz), 1 x DisplayPort (4K@60Hz) for single 4K@60Hz or triple 4K@30Hz displays.
- **High-Speed USB Data Ports:** 3 x USB-C 3.1 (10Gbps), 2 x USB-A 3.1 (10Gbps).
- **Standard USB Port:** 1 x USB 2.0 (480Mbps).
- **Power Delivery:** 1 x USB-C PD 3.0 (Max 100W) for laptop charging.
- **Network Connectivity:** 1 x Gigabit Ethernet (1000Mbps RJ45).
- **Card Readers:** SD/TF 3.0 card reader.
- **Audio:** 3.5mm audio and microphone jack.

14-IN-1

USB C Docking Station



Figure 2: Detailed view of the 14-in-1 port configuration.

3. SETUP

3.1 System Requirements

Ensure your laptop has a full-featured USB-C port that supports Power Delivery, DisplayPort Alt Mode, and Data Transfer. This is crucial for the docking station's full functionality.

14 in 1

USB C Docking Station Triple Monitor



Figure 3: USB-C Port Compatibility Check.

3.2 Connecting the Docking Station

1. Connect the integrated USB-C cable from the docking station to your laptop's compatible USB-C or Thunderbolt 3/4 port.
2. Connect your external monitors to the HDMI and/or DisplayPort outputs on the docking station.
3. For power delivery to your laptop, connect your laptop's power adapter (or a compatible USB-C PD charger, not included) to the PD 100W USB-C port on the docking station.
4. Connect any other peripherals (USB devices, Ethernet cable, SD/TF cards, audio devices) to their respective ports on the docking station.

3.3 Display Configuration

The docking station supports various display modes depending on your operating system.

Windows System (DP 1.4)

Windows systems support both Mirror (SST) and Extend (MST) modes for single, dual, or triple displays.

Triple Display 4K for Windows(DP 1.4)

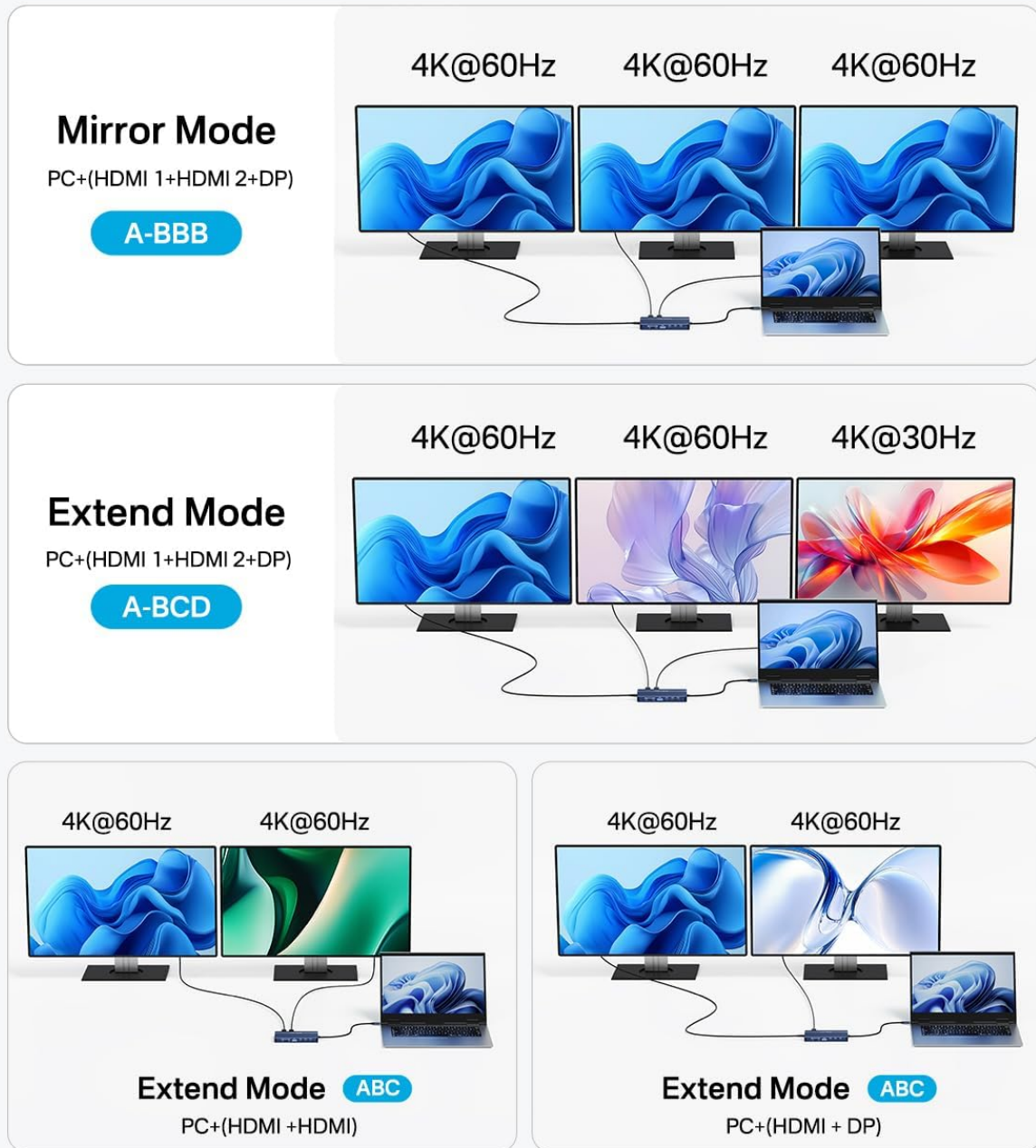


Figure 4: Triple Display 4K for Windows (DP 1.4).

macOS System

macOS systems support Mirror Mode (A-AAA) and Extend Mode (A-BBB) across multiple displays. Please note that macOS does **NOT** support Multi-Stream Transport (MST), meaning extended displays will mirror each other, or provide a single extended desktop across all displays, not independent extended displays.

Triple Display 4K for macOS

Note: macOS doesn't support Multi-Stream Transport (MST)



Mirror Mode A-AAA

PC+(HDMI 1+HDMI 2+DP)



Extend Mode A-BBB

MacBook+(HDMI 1+HDMI 2+DP)



Figure 5: Triple Display 4K for macOS.

4. OPERATING

4.1 Data Transfer

The docking station features 3 USB-C 3.1 ports and 2 USB-A 3.1 ports, all supporting ultra-fast 10Gbps data transfer speeds. This allows for rapid transfer of large files, ideal for video editing, financial analysis, and gaming.

10Gbps USB C&A Port

Ultra Fast Data Transfer

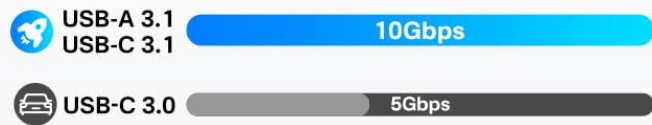


Figure 6: High-Speed 10Gbps Data Transfer.

4.2 Power Delivery

The dedicated 100W Power Delivery (PD) USB-C port allows you to charge your laptop, tablet, or phone quickly while using other ports on the docking station. Note that the charger itself is not included.

100W PD Fast Charging



Figure 7: 100W PD Fast Charging in action.

4.3 Ethernet Connectivity

The integrated 1Gbps Ethernet port provides a stable and fast wired network connection, supporting 1000 BASE-T LAN networks. This is ideal for reliable internet access, especially in environments with unstable Wi-Fi.

4.4 SD/TF Card Readers

The docking station includes SD and TF (microSD) card readers, supporting the 3.0 standard for quick access to your memory card data, perfect for photographers and content creators.

100W PD Fast Charging



Figure 8: SD/TF Card Readers in use.

4.5 Audio Output

A 3.5mm audio and microphone port is available for connecting wired headsets, speakers, or microphones, providing convenient audio connectivity.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ACASIS docking station, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the docking station with care. Avoid dropping it or subjecting it to strong impacts. Do not put excessive bend on the integrated USB-C cable where it connects to the device.
- **Ventilation:** Ensure proper airflow around the device to prevent overheating, especially during prolonged use with multiple connected peripherals.

6. TROUBLESHOOTING

6.1 Display Issues

If your external monitor is not displaying or experiencing issues:

1. **Check Cables:** Ensure all HDMI/DisplayPort cables connecting the monitors to the docking station are securely plugged in and are of good quality (e.g., HDMI 2.0 for 4K@60Hz).
2. **Input Source:** Verify that your monitor's input source is correctly set to the corresponding HDMI or DisplayPort input you are using.
3. **Laptop Compatibility:** Confirm your laptop's USB-C port supports DisplayPort Alt Mode. Refer to your laptop's manual or manufacturer's website.
4. **Resolution Settings:** Adjust display resolution and refresh rate settings in your operating system. For optimal 4K display, ensure your laptop and monitors support 4K and use appropriate cables.

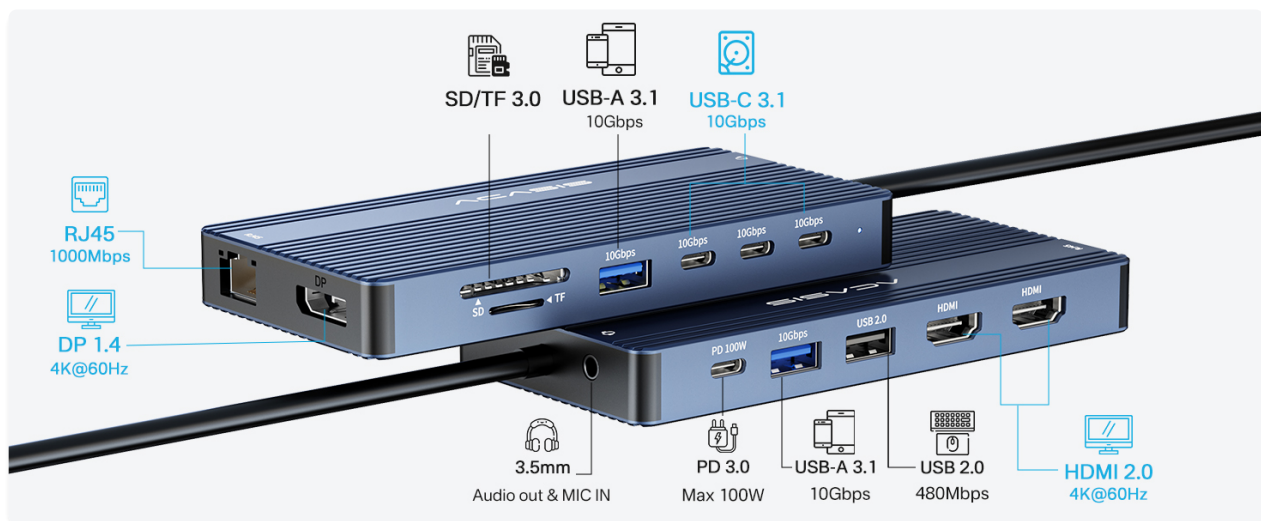


Figure 9: HDMI Interface Display Troubleshooting.

6.2 Power Delivery (PD) Issues

If your laptop is not charging or charging slowly via the docking station:

- **Charger Wattage:** The docking station itself requires 5-10W of power to operate. To ensure sufficient power for your laptop, it is recommended to use a PD charger of 65W or above. A 100W charger will provide approximately 85W output to your laptop, while a 65W charger will provide about 55W.
- **Cable Quality:** Ensure you are using a high-quality USB-C cable that supports 100W PD.
- **Docking Station Power:** The hub does not come with power. It is best to access the PD power supply for the docking station to replenish its power to prevent the computer port from breaking the chain.

6.3 Overheating

While designed for efficient heat dissipation, prolonged heavy use with multiple high-power devices may cause the docking station to become warm. Ensure adequate ventilation around the device. If overheating persists and affects performance, disconnect some peripherals or reduce usage time.

6.4 Compatibility Notes

Not all laptops or USB-C ports are fully compatible with all features of the docking station. Please refer to the detailed compatibility list provided by ACASIS or contact ACASIS support if you are unsure about your laptop's compatibility.

⚠️

Why is the HDMI interface not displaying

1

Check the stability of the cables connecting the monitor and docking station

2

If there is no signal, you need to set the monitor signal source to the corresponding interface.

1



No Signal

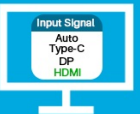
If there is no signal, you need to set the monitor signal source to the corresponding

2



If there is no signal, you need to set the monitor signal source to the corresponding

3



Input Signal
Auto
Type-C
DP
HDMI

If there is no signal, you need to set the monitor signal source to the corresponding



Figure 10: Compatibility List (Part 1).

Please read carefully before purchase:

1: Please make sure your device has a Thunderbolt 3/4 /USB C3.1 or above port that supports "Power Delivery, DisplayPort, Alt Mode", and a full-featured USB-C port that supports Display+Charge+Data Transfer Protocol. If you find that you are unable to use the screen extension function after purchase, please check if your laptop's USB-C port supports the above functions. If you are not sure, you can check with the laptop brand's official website or consult with ACASIS staff.

2: All Mac devices only support Mirror Mode: AA, AAA, AAAA and Extended Mode: AB, ABB, ABBB. does not support A+B+C or A+B+C+D (Windows laptops only)

3: The screen resolution is only optimal if your laptop is a DP1.4 source, please make sure your device supports 4K display (external screen and laptop at the same time) as well as using HDMI2.0 or higher specification cable.

4: PD (charging port) only supports power supply, does not support screen expansion function and data transmission.

5: Charger and data cable are not included with this product.

6: The hub itself does not come with power, you need to take external 5-10W power consumption to work properly, for better use it is best to access the PD power supply for the docking station to replenish the power to prevent the computer port for the docking station power supply power is insufficient to prevent the port from breaking the chain.

7: If you want to realize fast charging, it is recommended to use PD 65W or above power supply for charging. Please note: Using a lower wattage power charger may result in a system warning.

- Different power chargers have different final outputs Actual withholding range is 5-10W
- Using 100W power supply the final output is 85W
- Using a 65W power supply will result in a final output of 55W
- Final output 37W with 45W power supply

Figure 11: Compatibility List (Part 2).

7. SPECIFICATIONS

Attribute	Value
Product Dimensions	5.12 x 2.4 x 0.61 inches
Item Weight	3.53 ounces
Item Model Number	DS0202
Brand	ACASIS

Color	Grey
Hardware Interface	USB 3.1 Type C
Special Feature	High Speed Data Transfer
Compatible Devices	Laptops
Manufacturer	ACASIS
Country of Origin	China

8. WARRANTY AND SUPPORT

ACASIS provides a **two-year quality guarantee** for this docking station, ensuring trustworthiness and peace of mind with your purchase.

Customer Support

For any inquiries, technical assistance, or warranty claims, please contact ACASIS customer support:

- **Email:** support@acasis.com
- **Service Hours:** 7x24 hours online service anytime.



Figure 12: ACASIS After-Sales Service.