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VENTION TGESB

Vention TGESB USB-C Docking Station User Manual

Model: TGESB

INTRODUCTION

Thank you for choosing the Vention TGESB USB-C Docking Station. This manual provides essential information for the proper setup, operation, and maintenance of your device. Please read it thoroughly before use to ensure optimal performance and longevity.

PRODUCT OVERVIEW

The Vention TGESB is a versatile 5-in-1 USB-C docking station designed to expand the connectivity of your USB-C enabled devices. It features multiple ports for data transfer, video output, and power delivery.

5-in-1 USB C Hub



Figure 1: Vention TGESB USB-C Docking Station with port labels.

Key Features:

- **USB-C Power Delivery (PD) 100W:** Supports fast charging for compatible laptops and devices.
- **USB 3.0 Ports (x3):** Provides high-speed data transfer up to 5Gbps.
- **HDMI Port:** Supports video output up to 4K resolution at 30Hz.
- **Durable Aluminum Shell:** Ensures heat dissipation and product longevity.
- **Compact Design:** Easy to carry and use on the go.

PACKAGE CONTENTS

- Vention TGESB USB-C Docking Station (x1)
- User Manual (x1)

SETUP INSTRUCTIONS

1. **Connect to Host Device:** Plug the USB-C connector of the Vention TGESB docking station into an available USB-C port on your laptop, tablet, or smartphone. Ensure your device's USB-C port supports video output (DisplayPort Alternate Mode) and power delivery for full functionality.
2. **Connect Peripherals:**
 - **USB Devices:** Connect USB flash drives, external hard drives, keyboards, mice, or other USB peripherals to the USB 3.0 ports.
 - **HDMI Display:** Connect an HDMI cable from the docking station's HDMI port to your monitor or TV.
 - **Power Adapter (Optional):** If your host device requires charging, connect your original USB-C power adapter to the PD (Power Delivery) port on the docking station. This will pass power through to your host device.
3. **Driver Installation:** The Vention TGESB is typically plug-and-play and does not require additional drivers for most operating systems (Windows, macOS, Linux, Android). If you encounter issues, ensure your operating system is up to date.

Widely Compatible

Devices



Macbook Pro/Air



iPad Pro/Air



Surface



iPhone 15 Series

Systems



MacOS



Windows



Linux



Figure 2: Device and operating system compatibility.

OPERATING INSTRUCTIONS

Using USB 3.0 Ports:

Connect your USB devices to any of the three USB 3.0 ports. These ports support data transfer speeds up to 5Gbps, allowing for quick file transfers. For optimal performance, ensure your connected USB devices also support USB 3.0.



Figure 3: High-speed data transfer via USB 3.0 ports.

Using HDMI Output:

The HDMI port supports resolutions up to 4K at 30Hz. After connecting your monitor, your operating system should automatically detect the external display. You can configure display settings (mirror mode, extend mode) through your device's display settings.

Multiple Display Modes

4K@30Hz

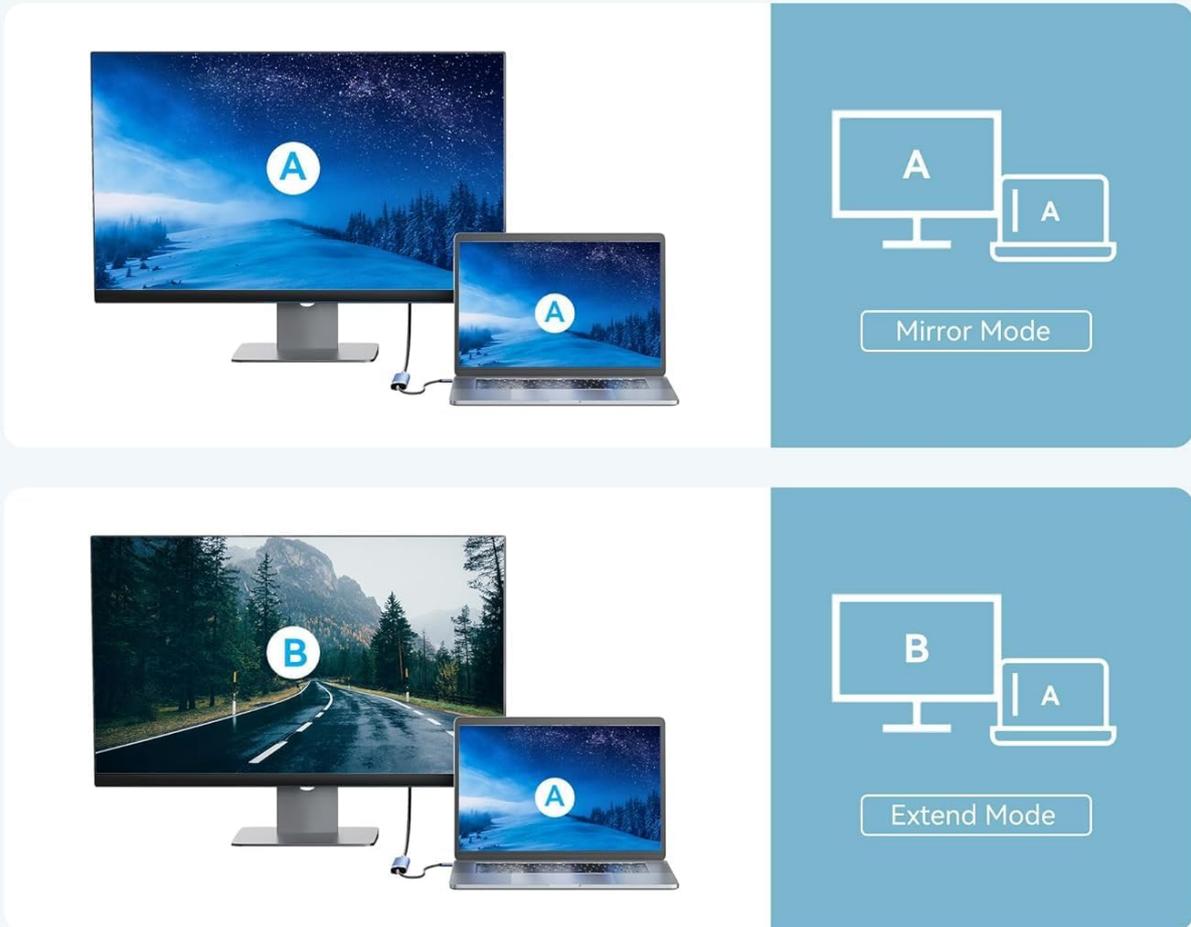


Figure 4: Multiple display modes (Mirror and Extend).

Using Power Delivery (PD) Port:

Connect your laptop's original USB-C power adapter to the PD port on the docking station. This port supports up to 100W power delivery, allowing you to charge your host device while using the docking station's other features.



Figure 5: Power Delivery 100W fast charging.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the docking station. Avoid using liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the device to strong impacts. Do not attempt to disassemble the docking station.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No display output via HDMI.	Host device's USB-C port does not support video output. Loose HDMI cable connection. Incorrect display settings on host device.	Ensure your device's USB-C port supports DisplayPort Alternate Mode. Check and re-secure the HDMI cable connections. Adjust display settings in your operating system (e.g., extend, mirror).
USB devices are not recognized.	Loose USB connection. Insufficient power for high-power USB devices. Driver issues on host device.	Ensure USB devices are firmly plugged into the docking station. Connect a power adapter to the PD port of the docking station if using power-hungry USB devices. Restart your host device. Check device manager for driver updates.
Host device is not charging.	Power adapter not connected to PD port. Power adapter is not powerful enough. Host device's USB-C port does not support Power Delivery.	Connect your original USB-C power adapter to the docking station's PD port. Ensure your power adapter meets the power requirements of your host device. Verify your host device's USB-C port supports Power Delivery.

SPECIFICATIONS

Feature	Detail
Model	TGESB
Brand	VENTION
Input	USB-C
Output Ports	3 x USB 3.0 (5Gbps) 1 x HDMI (4K@30Hz) 1 x USB-C PD (100W)
Dimensions (L x W x H)	6.5 x 3.54 x 0.79 inches (16.5 x 9 x 2 cm)
Weight	2.46 ounces (0.07 kg)
Shell Material	Aluminum Alloy
Compatibility	Devices with full-featured USB-C port (supporting DisplayPort Alt Mode and Power Delivery). Compatible with Windows, macOS, Linux, Android.

WARRANTY AND SUPPORT

Vention products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or customer service, please visit the official Vention website or contact your local distributor. Please retain your proof of purchase for warranty claims.

Official Vention Website: [Vention Store on Amazon](#) (Link provided for reference, actual official website may vary)

