## VisionTek VT1000

# VisionTek VT1000 Universal Dual Full HD USB 3.0 Laptop Monitor Docking Station User Manual

## 1. INTRODUCTION

The VisionTek VT1000 Universal Dual Full HD USB 3.0 Laptop Monitor Docking Station is designed to expand the connectivity of your laptop, whether it runs Windows, macOS, or Chrome OS. This docking station allows you to connect to dual displays and a variety of peripherals through a single USB connection, transforming your laptop into a complete workstation.

### Product Overview



*Image: Front view of the VisionTek VT1000 docking station.*

### What's in the Box

- VT1000 Dual Display Universal USB 3.0 Docking Station
- USB 3.0 Cable
- User Manual (Quick Installation Guide)
- Power Adapter

*Image: The VisionTek VT1000 docking station and its included accessories.*

## 2. KEY FEATURES

- **Dual Full HD Displays:** Connect two monitors to your laptop with full HD resolution (1920 x 1080 @ 60Hz) via 1x DisplayPort, 1x HDMI, and 1x 1080P VGA.
- **Expanded Connectivity:** Features 3x USB 3.0 ports (5 Gbps transfer speed), 1x RJ45 (10/100/1000) Gigabit Ethernet port, and a headphone audio line in/out jack.
- **Plug and Display:** Utilizes DisplayLink drivers for plug-and-play functionality, simplifying setup for various workspaces.
- **Broad Operating System Compatibility:** Compatible with Ultrabook, MacBook, Microsoft Surface Pro, Chromebook, Windows 11, Windows 10, Windows 8.1, Windows 7, and Mac OS 10.13 and up operating systems.
- **Compact Design:** Designed to be compact, taking up minimal desk space while providing extensive functionality.

## 3. PORTS AND INDICATORS

The VT1000 docking station provides a comprehensive set of ports for various connectivity needs. Refer to the video below for a visual guide to the ports.

### Front Panel

- **2x USB 3.0 Ports:** For connecting high-speed USB devices.
- **Audio Out (Headphone Jack):** For connecting headphones or external speakers.
- **Mic In:** For connecting a microphone.
- **Power Indicator LED:** Illuminates when the dock is powered on.

### Rear Panel

- **1x VGA Port:** For connecting a VGA monitor.
- **1x HDMI Port:** For connecting an HDMI monitor.
- **1x DisplayPort:** For connecting a DisplayPort monitor.
- **1x RJ45 Gigabit Ethernet Port:** For wired network connection.
- **1x USB 3.0 Port:** For connecting high-speed USB devices.
- **USB-B Port (Upstream):** For connecting the dock to your laptop via the included USB 3.0 cable.
- **DC 5V Power Input:** For connecting the power adapter.
- **Security Lock Slot:** For securing the docking station.

### Official Product Video: VisionTek VT1000 Universal Dual Display USB 3.0 Dock

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*Video: This official VisionTek video provides a visual overview of the VT1000 docking station, highlighting its features, ports, and connectivity options. It demonstrates how the dock can expand your laptop's capabilities into a full workstation.*

## 4. SETUP INSTRUCTIONS

1. **Connect Power:** Plug the included power adapter into the DC 5V input port on the rear of the VT1000 docking station, then plug the adapter into a power outlet. The power indicator LED on the front of the dock should illuminate.

2. **Connect to Laptop:** Use the provided USB 3.0 cable to connect the USB-B port on the rear of the docking station to an available USB 3.0 port on your laptop.

3. **Connect Monitors:** Connect your external monitors to the desired video output ports on the rear of the docking station (HDMI, DisplayPort, or VGA). The VT1000 supports dual displays.

4. **Connect Peripherals:** Connect your keyboard, mouse, external hard drives, printers, webcams, or other USB devices to the USB 3.0 ports on the front and rear of the docking station.

5. **Connect Network (Optional):** For a wired internet connection, connect an Ethernet cable from your router or network switch to the RJ45 Gigabit Ethernet port on the rear of the docking station.

6. **Connect Audio (Optional):** If desired, connect headphones or speakers to the audio out jack and a microphone to the mic in jack on the front of the docking station.

7. **Driver Installation:** The VT1000 features DisplayLink Plug and Play technology, typically requiring no manual driver installation on compatible operating systems. If prompted, follow on-screen instructions or visit the VisionTek support website for the latest DisplayLink drivers.

## 5. OPERATING INSTRUCTIONS

Once the VT1000 docking station is set up, it operates seamlessly with your connected laptop.

- **Display Configuration:** After connecting your monitors, your operating system should automatically detect them. You can configure display settings (e.g., extend, duplicate, primary display) through your computer's display settings.
- **USB Device Usage:** Connected USB devices will function as if directly connected to your laptop.
- **Network Access:** The Gigabit Ethernet port provides a stable and fast wired network connection.
- **Audio Functionality:** The audio ports allow for external audio output and microphone input. Ensure your operating system's sound settings are configured to use the docking station's audio device.
- **Power Management:** The docking station requires external power and does not supply power to your laptop. Ensure your laptop's power adapter is connected for charging.

## 6. SPECIFICATIONS

| Feature | Detail |
|---|---|
| Brand | VisionTek |
| Model Number | 901147 (VT1000 Series) |
| Operating System Compatibility | Windows 11, Windows 10, Windows 8.1, Windows 7, macOS 10.13 and later, Chrome OS |
| Item Weight | 8 ounces |

| Feature | Detail |
| --- | --- |
| Product Dimensions (LxWxH) | 5.95 x 2.8 x 0.8 inches |
| Hardware Interface | DisplayPort, Ethernet, HDMI, USB, USB 3.0, VGA |
| Compatible Devices | Laptop |
| Total USB Ports | 3 (USB 3.0) |
| Total HDMI Ports | 1 |
| Wattage | 20 Watts |

## 7. TROUBLESHOOTING

- **No Display Output:**
  - Ensure the docking station's power adapter is securely connected and the power indicator LED is on.
  - Verify that the USB 3.0 cable connecting the dock to your laptop is firmly seated at both ends.
  - Check that monitor cables (HDMI, DisplayPort, VGA) are securely connected to both the dock and the monitors.
  - Confirm that your monitors are powered on and set to the correct input source.
  - Restart your laptop and the docking station.
  - Ensure DisplayLink drivers are installed and up-to-date, if necessary. Although typically plug-and-play, some systems may benefit from manual driver installation from the DisplayLink website.

- **USB Devices Not Working:**
  - Ensure the docking station is powered on and connected to your laptop.
  - Try connecting the USB device to a different USB port on the dock or directly to your laptop to rule out device issues.
  - Some high-power USB devices may require their own external power supply.

- **Network Connection Issues:**
  - Verify the Ethernet cable is securely connected to both the dock and your network.
  - Check your laptop's network settings to ensure the Ethernet adapter is enabled.
  - Restart your router/modem, the docking station, and your laptop.

- **Audio Not Working:**
  - Check your laptop's sound settings to ensure the docking station's audio output is selected as the default playback device.
  - Ensure headphones/speakers are properly connected to the audio out jack.
  - Adjust volume levels on both your laptop and the connected audio device.

## 8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the docking station. Avoid using liquid cleaners or solvents.
- **Storage:** Store the docking station in a cool, dry place away from direct sunlight and extreme temperatures

when not in use for extended periods.

- **Cable Management:** Ensure cables are not excessively bent or tangled to prevent damage.

## 9. WARRANTY AND SUPPORT

The VisionTek VT1000 Universal Dual Full HD USB 3.0 Laptop Monitor Docking Station comes with a **2-year limited warranty**. To ensure coverage, register your product with VisionTek within 30 days of purchase.

VisionTek offers excellent US-based customer support for any technical assistance or inquiries you may have. For support, please visit the official VisionTek website or refer to the contact information provided in your product packaging.

For further information and driver downloads, please visit: VisionTek Support