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's a MacBook or a Windows-based system. This docking station allows you to connect dual Full HD monitors, multiple USB 3.0 devices, Gigabit Ethernet, and audio peripherals through a single USB 3.0 connection to your laptop. This manual provides comprehensive instructions for the setup, operation, and maintenance of your VT1000 docking station.

2. PRODUCT OVERVIEW

The VisionTek VT1000 docking station offers a range of ports to enhance your workstation. Familiarize yourself with the various connection points:

Image 2.1: Front view of the VisionTek VT1000 docking station, showing two USB 3.0 ports, a headphone/microphone audio jack, and a power indicator light.

EXPAND THE WAY YOU WORK

Turn your laptop into a full workstation by connecting additional monitors, USB devices, and so much more

USB 3.0

Headphone Audio Line-In Jack

1200p VGA

HDMI

DisplayPort

Gigabit Ethernet RJ45 (10/100/1000)

USB 3.0

Lock Slot

Image 2.2: Rear view of the VisionTek VT1000 docking station, illustrating the various connectivity options including VGA, HDMI, DisplayPort, Gigabit Ethernet (RJ45), USB 3.0, and DC 5V power input.

Image 2.3: Top and bottom view of the VisionTek VT1000 docking station, highlighting its compact dimensions of 5.94 inches in length and 2.88 inches in width.

Port Descriptions:

- **USB 3.0 Ports (Front x2, Rear x1):** For connecting USB peripherals such as keyboards, mice, external hard drives, and flash drives.

- **Headphone Audio / Line-in Jack (Front):** For connecting headphones, speakers, or a microphone.

- **VGA Port (Rear):** Supports video output up to 1200p resolution.

- **HDMI Port (Rear):** Supports Full HD video output.

- **DisplayPort (Rear):** Supports Full HD video output.

- **Gigabit Ethernet (RJ45) Port (Rear):** Provides a stable wired network connection (10/100/1000 Mbps).

- **DC IN 5V Port (Rear):** For connecting the included power adapter.

- **Lock Slot (Rear):** A Kensington lock slot for securing the device.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

WHAT'S IN THE BOX

- USB Universal Dock
- Driver Install CD
- USB 3.0 Cable
- Power Adapter
- User Manual

Includes a 2-year limited warranty when registered within 30 days of purchase

Image 3.1: The complete contents of the VisionTek VT1000 package, including the docking station, USB 3.0 cable, power adapter, driver install CD, and user manual.

- VisionTek VT1000 Dual Display Universal USB 3.0 Docking Station

- USB 3.0 Cable

- Power Adapter

- Driver Install CD

- User Manual

4. SYSTEM REQUIREMENTS

To ensure optimal performance, your laptop should meet the following requirements:

Image 4.1: Compatibility information for the VisionTek VT1000, showing support for Windows 7, 8.1, 10, and MacBooks including MacBook Pro and iMac Pro.

- **Operating System:** Windows 7, Windows 8.1, Windows 10, or macOS (MacBooks, MacBook Pro, iMac Pro).

- **Processor:** Intel Core i3 or equivalent recommended.

- **RAM:** 4GB memory recommended.

- **USB Port:** Available USB 3.0 port.

5. SETUP INSTRUCTIONS

Follow these steps to set up your VisionTek VT1000 docking station:

1. **Connect Power:** Plug the included power adapter into the DC IN 5V port on the rear of the docking station, then connect it to a power outlet.

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

3. **Install Drivers:**
   - For Windows: Insert the Driver Install CD into your computer's optical drive and follow the on-screen instructions. Alternatively, download the latest DisplayLink drivers from the official DisplayLink website.
   - For macOS: Download the latest DisplayLink drivers from the official DisplayLink website.

   Note: Driver installation is crucial for the docking station's display and other functionalities to work correctly. Restart your computer after driver installation if prompted.

4. **Connect Monitors:** Connect your external monitors to the available video ports (HDMI, DisplayPort, VGA) on the rear of the docking station. The VT1000 supports dual Full HD displays.

5. **Connect Peripherals:** Connect your USB devices (keyboard, mouse, external storage), Ethernet cable, and audio devices to the respective ports on the docking station.

0.88 in.
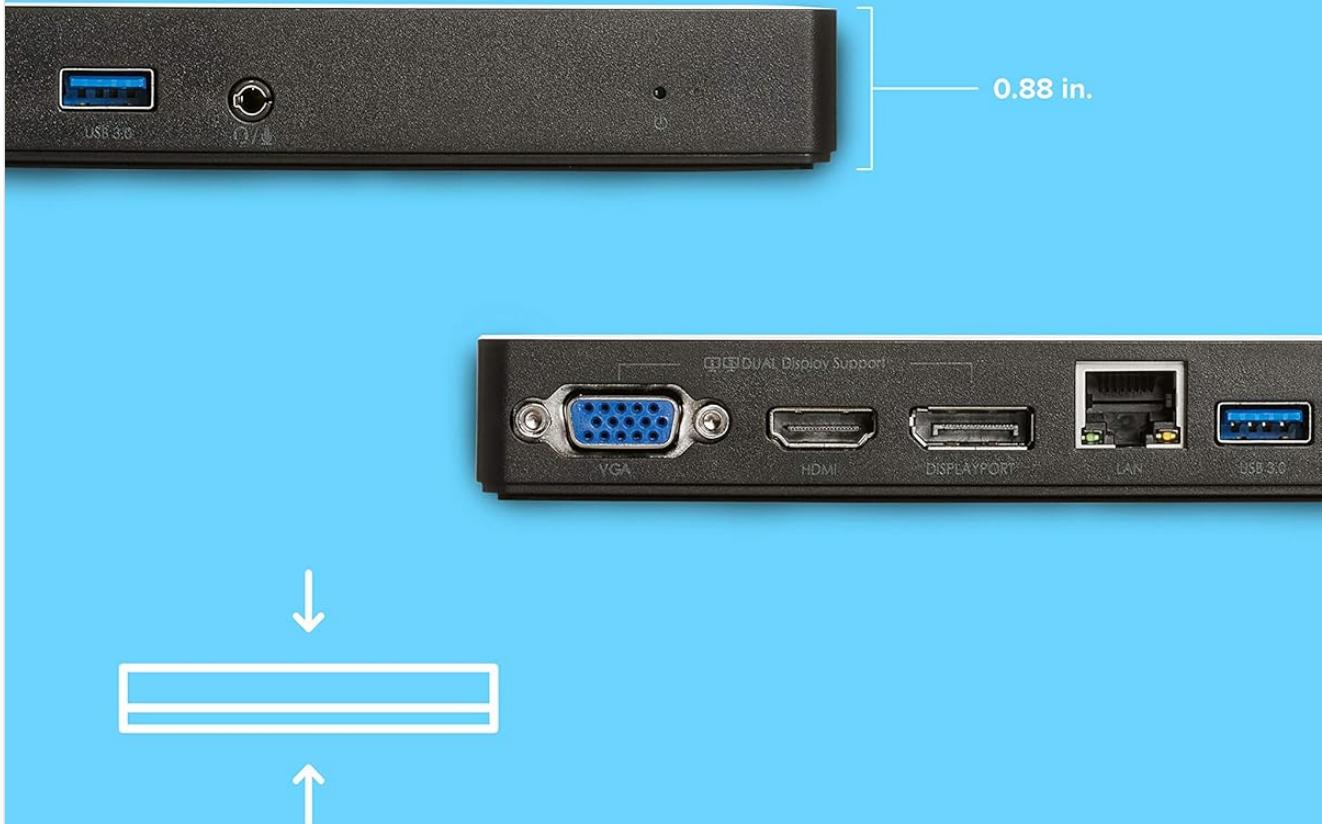
SLIM & SLEEK

The compact enclosure is small and takes up little room on your desk

Image 5.1: An example setup showing a laptop connected to the docking station, which in turn is connected to two external monitors, a keyboard, mouse, and headphones, demonstrating a full workstation expansion.

6. OPERATING INSTRUCTIONS

6.1 Display Configuration

After connecting your monitors and installing the DisplayLink drivers, you can configure your display settings:

- **Windows:** Right-click on your desktop and select "Display settings" or "Screen resolution." Here you can extend

your desktop across multiple monitors, duplicate your display, or use only one external display. Adjust resolution and orientation as needed.

- **macOS:** Go to "System Preferences" > "Displays." You can arrange your displays, set resolutions, and choose between extended desktop or mirroring options.

The VT1000 supports Full HD resolution (1920 x 1200 @ 60Hz) on dual connected monitors.

6.2 USB Device Connectivity

Simply plug your USB peripherals into the available USB 3.0 ports on the docking station. These ports provide high-speed data transfer for your devices.

6.3 Network Connectivity

Connect an Ethernet cable from your router or network switch to the RJ45 port on the docking station. Your laptop will automatically detect the wired network connection, providing a stable and fast internet connection.

6.4 Audio Connectivity

Connect your headphones or speakers to the audio jack on the front of the docking station. Your operating system should automatically switch audio output to the connected device. If not, adjust the audio output settings in your system preferences.

7. TROUBLESHOOTING

If you encounter issues with your VisionTek VT1000 docking station, refer to the following common solutions:

- **No Display on External Monitors:**
  - Ensure the docking station is powered on and the power indicator light is illuminated.
  - Verify that the USB 3.0 cable is securely connected between the docking station and your laptop.
  - Confirm that the DisplayLink drivers are correctly installed. Reinstall if necessary.
  - Check monitor cables (HDMI, DisplayPort, VGA) for secure connections.
  - Ensure your monitors are set to the correct input source.
  - Try restarting your laptop.

- **USB Devices Not Working:**
  - Ensure the docking station is powered.
  - Try connecting the USB device to a different port on the docking station.
  - Connect the USB device directly to your laptop to confirm it is functional.

- **No Network Connection:**
  - Verify the Ethernet cable is securely connected to both the docking station and your router/switch.
  - Check your laptop's network settings to ensure the wired connection is enabled.
  - Ensure your router/switch is functioning correctly.

- **Audio Issues:**
  - Check your laptop's audio output settings to ensure the docking station's audio device is selected.
  - Verify that your headphones/speakers are properly connected and functional.

8. SPECIFICATIONS

Feature	Detail
Model	VT1000
Product Dimensions	5.95 x 2.8 x 0.8 inches
Item Weight	8 ounces
Brand	VisionTek
Color	Grey
Hardware Interface	DisplayPort, HDMI, VGA, USB 3.0, RJ45
Compatible Devices	MacBooks, Windows Laptops
Total USB Ports	3 (USB 3.0)
Total HDMI Ports	1
Video Output	Dual Full HD (1920 x 1200 @ 60Hz)
Ethernet	Gigabit (10/100/1000 Mbps)
UPC	656942869368

9. MAINTENANCE

To ensure the longevity and optimal performance of your VisionTek VT1000 docking station, follow these maintenance guidelines:
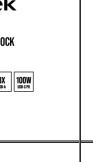
- **Cleaning:** Use a soft, dry, lint-free cloth to clean the exterior of the docking station. Avoid using liquid cleaners, aerosols, or solvents.
- **Ventilation:** Ensure the docking station is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.
- **Storage:** When not in use for extended periods, store the docking station in a cool, dry place away from direct sunlight and extreme temperatures.

10. WARRANTY AND SUPPORT

The VisionTek VT1000 Dual Display Universal USB 3.0 Docking Station includes a **2-year limited warranty** when registered within 30 days of purchase. For warranty claims or technical support, please refer to the contact information provided on the VisionTek official website or the documentation included with your product.
For the latest drivers, FAQs, and support resources, visit the official DisplayLink website for driver downloads and troubleshooting guides related to DisplayLink technology.

Related Documents - VT1000

	[VisionTek VT200 Dual Display USB-C Docking Station | 100W PD, 4K Support](#) Expand your connectivity with the VisionTek VT200 USB-C docking station. Features dual display support (up to 4K), 100W Power Delivery, USB 3.0, HDMI, DisplayPort, and VGA ports for laptops and desktops.
	[VisionTek VT4500 Dual Display 4K Docking Station with Power Delivery](#) The VisionTek VT4500 Dual Display 4K Docking Station with Power Delivery allows you to easily connect your Windows, Mac, or Chrome laptop to dual 4K displays and up to 8 accessories via a single USB connection. It supports up to 60W of Power Delivery via USB-C and features multiple USB-A and USB-C ports, DisplayPort, HDMI, and Gigabit Ethernet.
	[VisionTek VT7000 Series Triple 4K Display Dock User Manual](#) Comprehensive user manual for the VisionTek VT7000 Series Triple 4K Display Dock. Includes setup instructions, driver installation guides for Windows and macOS, display configuration, and warranty information.
	[VisionTek VT2600 Multi Display MST Dock User Manual](#) User manual for the VisionTek VT2600 Multi Display MST Dock, detailing features, setup, system requirements, port descriptions, supported resolutions, and troubleshooting for Windows and macOS.
	[VisionTek VT2900 Dual System Dock User Manual](#) User manual for the VisionTek VT2900 Dual System Dock, detailing features, setup, system requirements, port descriptions, KVM switching, supported resolutions, display setup for Windows and macOS, and warranty information.
	[VisionTek VT80/VT90 USB 3.0 4K Display Adapter Quick Start Guide](#) A concise guide for setting up and using the VisionTek VT80 and VT90 USB 3.0 4K Display Adapters, including driver installation and display mode configurations for Windows and macOS.