VisionTek®

VT5400

THUNDERBOLT™ 4 DOCK
USER MANUAL

THUNDERBOLT™

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INTRODUCTION

Your new Thunderbolt™ 4 Docking Station can connect to any host with Thunderbolt™ 3 or Thunderbolt™ 4 connector. Allowing you to connect up to two additional monitors through a single Thunderbolt™ 4 cable.

The VT5400 is compatible with Intel based Mac Systems with Thunderbolt™ 3 and M1 equiped Mac Systems with Thunderbolt™ 4.

    Intel - 2 x 4K @ 60Hz, Cloned or Extended
    M1 - 1 x 4K @ 60Hz, Cloned
    M1 Pro / M1 Max - 2 x 4K @ 60Hz, Cloned or Extended

The Thunderbolt™ 4 Docking Station allows full configuration of all additional displays, including:

    • Support for up to 2 additional Displays (Windows, MacOS)
    • Expand USB 3.0 connectivity
    • Supports 2 Displays
    • Gigabit Ethernet
    • Mic In and Audio out
    • Extended, Mirrored, Primary Display
    • Extend left, right, above, or below
    • Rotation
    • Layout of displays
    • Color Depth

FEATURES

• Compatible with Thunderbolt™ 4 Laptops and Desktop Computers
• Supports 2 displays at resolutions up to 4K (3840 x 2160 @ 60Hz)
• Supports Extend and Mirror Display Mode
• Supports 5.1 Channel Surround Sound
• Combo microphone input and audio output
• SuperSpeed+ USB 3.1 Gen2 port up to 10Gbps
• Built-in Gigabit Ethernet RJ45 for increased network performance
• Power Delivery up to 80W over Thunderbolt™ 4 connection
• SD 4.0 Card Reader

CONTENTS

• VT54000 Docking Station
• Power Adapter 120W
• Thunderbolt™ 4 Cable (0.8M)
• Quick Start Guide

MINIMUM SYSTEM REQUIREMENTS

Computer Port	OS
PC With Thunderbolt™ 3	Windows 10
Mac with Thunderbolt™ 3	MacOS 11

Supported Performance

System	Max Resolution Supported
Windows 10, 11	1 x 8K @ 30Hz (Extended) 2 x 4K @ 60Hz (Clonded or Extended)
Mac (Intel)	1 x 4K @ 60Hz (Cloned or Extended) 2 x 4K @ 60Hz (Cloned or Extended)
Mac (M1)	1 x 4K @ 60Hz (Cloned)
Mac (M1 Pro, M1 Max)	1 x 4K @ 60Hz (Cloned or Extended) 2 x 4K @ 60Hz (Cloned or Extended)

DOCKING STATION CONFIGURATION

Step 1

Ethernet | USB-A 3.1 Gen 2 (10 Gbps) | DisplayPort 1.4 | HDMI 2.0 | Power In | PC
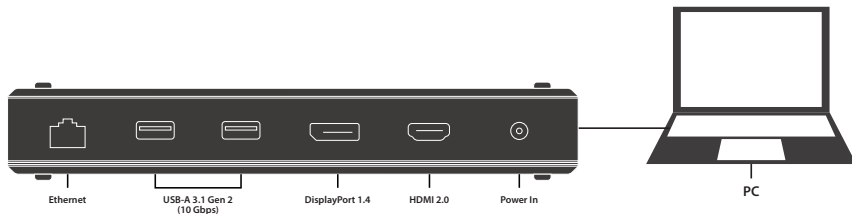
Connect the power adapter to the VT5400 Docking Station. Connect the Thunderbolt™ 4 cable to the Thunderbolt™ 4 port on the side of the docking station. Plug the other end of the Thunderbolt™ 4 cable into your Laptop/Desktop Computer. Turn on the switch of the VT5400 supply.

Step 2

Turn on the laptop, when the system shows the dialogue below please press "OK".

New Thunderbolt™ devices have been attached

Thunderbolt™ devices were attached. In order to approve them for use this application must be run with administrator privileges.
Click OK to run the Thunderbolt™ software with administrator privileges.

OK   Cancel

Step 3

When the system shows the below dialogue, please select "Always Connect" and press "OK" to finish the dock setup.

Approve Thunderbolt™ Devices   —   □   ×

The following Thunderbolt™ device chain has been plugged in and one or more devices require your permission to connect to this system.

Select the devices you wish to connect:

VISIONTEK, VT5400   Do Not Connect

Do Not Connect
Connect Only Once
Always Connect

Note: Selecting "Do Not Connect" will prevent that device the chain from being used on the system.
Install the driver included with the device before approving the device.

OK

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Step 4

Connect displays and any additional peripherals to the VT5400 Thunderbolt™ 4 Docking Station.

Display 1   Display 2

DisplayPort   HDMI

DisplayPort Cable (Not Included)   HDMI Cable (Not Included)

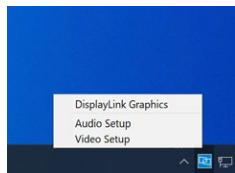Connect to DisplayPort Monitor   Connect to HDMI Monitor
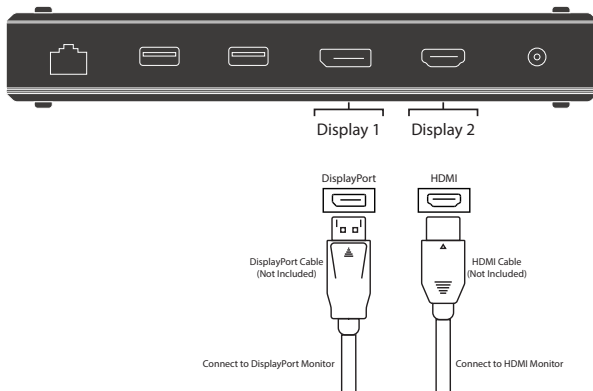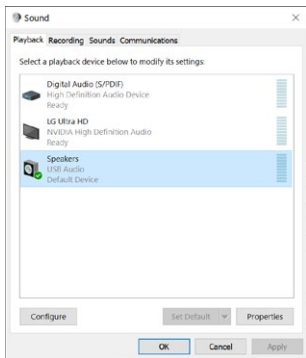
WINDOWS SETUP (Audio)

Audio setting for Windows 10

Step 1

Click the DisplayLink "Icon" at the lower right corner to set up
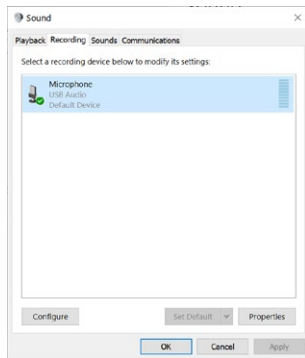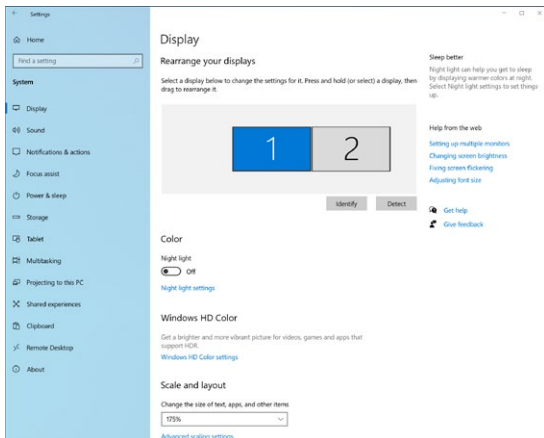audio and video, click "Audio setup"

Step 2
Choose Speaker

Step 3
Choose Microphone

Video Setting: Windows 10

Display mode

- Click video setup
- Select Display and choose Orientation then select Extend desktop to this display.

When a new display is connected to your Mac, it will default to being extended to the right of the main display. To configure the settings for each of your displays, select "Displays" from the "System Preferences" menu. This will open the "Display Preferences" window on each of your displays allowing you to configure each.

Display Preferences:
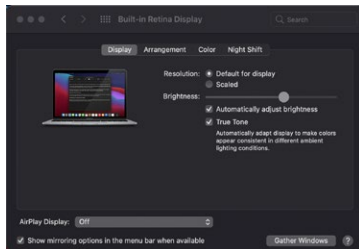 Display Resolutions
  Rotating a Display
  Display Positions
  Display to Mirror mode
  Display to Extend
 Using both extended and mirrored displays
  Changing the main display

To arrange displays and configure mirrored or extended displays click on the arrangement tab.

To move a display, click and drag the display in the arrangements window.

To change primary display, click on the small bar on top of the main monitor and drag in onto the monitor you want to be the primary.

macOS SETUP (CONFIGURING DISPLAYS FROM THE MENU BAR)
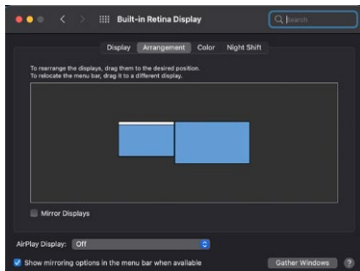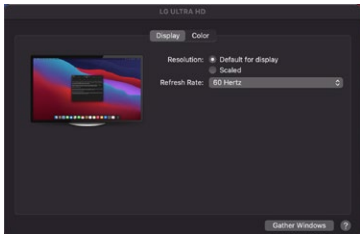
If you have checked the "Show Displays" ON menu bar in "Display Preferences" then you can configure the displays by clicking the display icon in the menu bar.

This menu allows you to perform the following actions:

Detect all displays connected to the Mac
Turn display mirroring on/off
Set the resolution of both the primary display, and the additional display(s)
Open "Display Preferences"

WARRANTY

VisionTek Products LLC, ("VisionTek") is pleased to warrant to the original purchaser ("Warrantee") of the Device ("Product"), that the product will be free from manufacturing defects in material for Two (2) Years when given normal and proper usage. The product must be registered within 30 days from the original date of purchase to receive this 2 year warranty. All products not registered within 30 days will ONLY receive a 1 year limited warranty.

VisionTek's liability under this warranty, or in connection with any other claim relating to the Product, is limited to the repair or replacement, at VisionTek's option, of the product or portion of the product which is defective in manufacturing material. Warrantee assumes all risk of loss in transit. The returned products shall be the sole property of VisionTek. VisionTek warrants the repaired or replaced Products will be free from manufacturing defects in material for the remainder of the warranty period.

VisionTek reserves the right to inspect and verify the defectiveness of any products or portion of product returned. This warranty does not apply to any software component.

FULL WARRANTY DISCLOSURE AVAILABLE AT WWW.VISIONTEK.COM
Product must be registered within 30 days of purchase for warranty to be valid.
IF YOU HAVE QUESTIONS OR NEED ASSISTANCE WITH THIS PRODUCT,

CALL SUPPORT AT 1 (866) 883-5411.

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