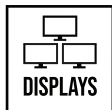


# VisionTek<sup>®</sup>

## VT7400

### TRIPLE 4K DISPLAY DOCK

### USER MANUAL



**4K**  
60Hz

**2x**  
USB-C

**4x**  
USB-A

**10**  
Gbps

**PD**  
100W

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## SAFETY INSTRUCTIONS

Always read the safety instructions carefully.

Keep the User Manual for future reference.

Keep this equipment away from humidity.

If any of the following situations arise, have the equipment checked by a service technician immediately:

- The equipment has been exposed to moisture.
- The equipment has obvious signs of breakage.
- The equipment has not been working well or you cannot get it to function according to this manual.

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## DISCLAIMER

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## INTRODUCTION

Your new VT7400 Triple 4K Docking Station can connect to any host PC or Laptop with a USB-C port providing a future-proof docking solution. Connect up to three additional monitors as well as 4 USB Type-A and 2 USB Type-C accessories through a single USB-C cable.

## FEATURES

- Compatible with both USB-C Laptops and Desktop Computers
- Supports resolutions up to 4K (3840 x 2160 @60Hz)
- Supports Extend and Mirror Display Mode
- USB 3.1 Gen 2 USB-A and USB-C ports, speeds up to 10Gbps
- USB BC 1.2 support for fast charging devices
- Built-in Gigabit Ethernet RJ45 for increased network performance
- USB-C Power Delivery up to 100W with included power supply

## CONTENTS

- VT7400 Triple 4K Dock
- 180W Power Adapter
- USB-C to USB-C Cable
- User Manual

# SYSTEM REQUIREMENTS

## **Compatible Devices**

Laptop or Desktop Computer with Thunderbolt 3/4 or USB-C port, for best performance USB 3.1 Gen 2 or Thunderbolt 3/4 system recommended.

USB-C Charging: System with USB-C port that supports USB-C Power Delivery 3.0 is required

**Note:** For output to 3 displays USB-C port with DP Alt Mode required, output resolution is system dependent

## **DisplayLink USB Graphics Software for Windows**

Windows 11 (64-bit edition)

Windows 10 (32-bit and 64-bit edition)

Windows 8.1 Update 2015 (32-bit and 64-bit editions)

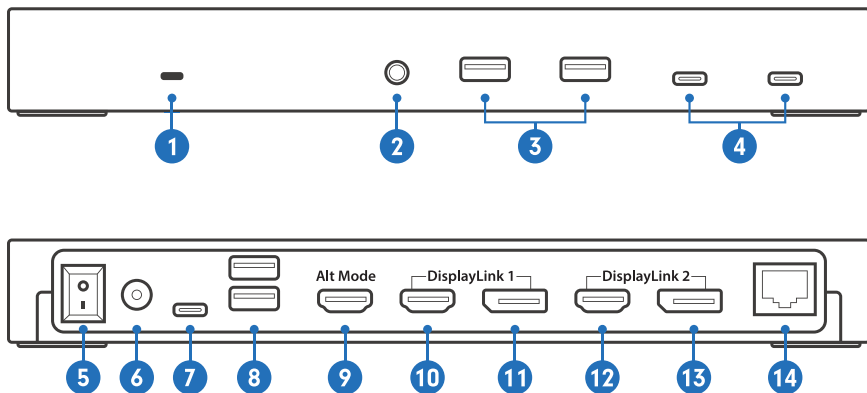
Windows 8 (32-bit and 64-bit editions)

Windows 7 (32-bit and 64-bit editions)

## **DisplayLink USB Graphics Software for macOS**

macOS 10.12 or later

## DOCKING STATION PORTS



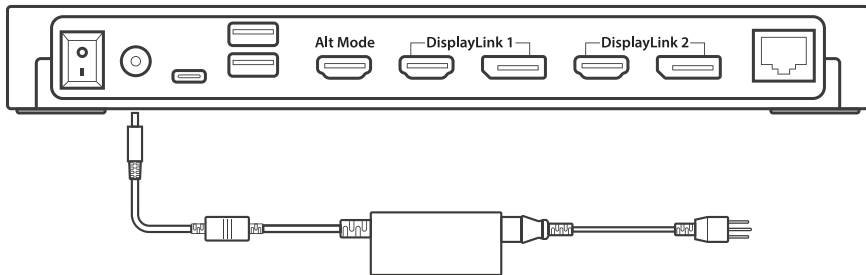
## DOCKING STATION PORTS (Continued)

Port	Description
1. Power LED	LED Status Light
2. Audio Jack	Connect headphones, headset or other devices with 3.5mm connector
3. USB-C Ports	Connect a USB-C device, supports 10Gb/s transfer speeds, BC 1.2 battery charging up to 15W (5V/3A)
4. USB-A Ports	Connect a USB-A device, supports 10Gb/s transfer speeds, BC 1.2 battery charging up to 7.5W (5V/1.5A)
5. Power Switch	Power on/off the device
6. DC Power Input	Connect to power using the included power cable
7. USB-C Host Upstream Port	Connect to a laptop or PC, supports data transfer up to 10 Gb/s, Power Delivery charging up to 100W
8. USB-A Ports	Connect a USB-A device, supports 10Gb/s transfer speeds, BC 1.2 battery charging up to 7.5W (5V/1.5A)
9. HDMI 2.0 (DP Alt Mode)	Display 3 - Connect a display with an HDMI port to stream video up to 4K@60Hz
10. HDMI 2.0 Port (DisplayLink 1)	Display 1 - Connect a display with a HDMI port to stream video up to 4K@60Hz
11. DP 1.2 Port (DisplayLink 1)	Display 1 - Connect a display with a DP port to stream video up to 4K@60Hz
12. HDMI 2.0 Port (DisplayLink 2)	Display 2 - Connect a display with a HDMI port to stream video up to 4K@60Hz
13. DP 1.2 Port (DisplayLink 2)	Display 2 - Connect a display with a DP port to stream video up to 4K@60Hz
14. RJ45 Gigabit Ethernet	Connect a network router or modem at 10/100/1000 Mbps

## DOCKING STATION SETUP

### Connecting Power

1. Plug the power adapter into the DC In port on the back of the dock. Connect the other end into a power outlet.
2. Move the power switch into the on position.

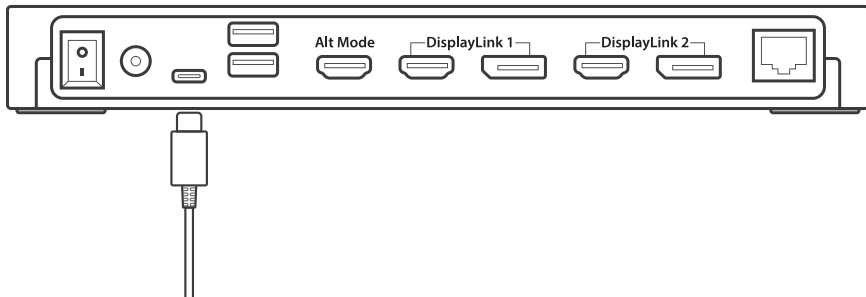




## DOCKING STATION SETUP (Continued)

### Connecting Systems

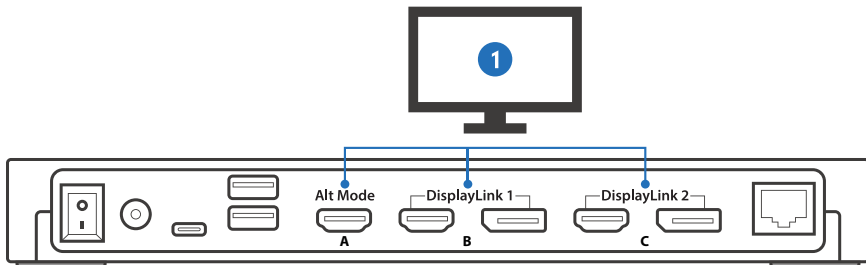
1. Connect the included USB-C cable to the USB-C Host port on the back of the VT7400. Connect the other end to your host laptop, PC or Mac.
2. The VT7400 has high resolution DP and HDMI outputs. Resolutions up to 3840 x 2160 @ 60Hz are supported depending on monitors connected and the host system capabilities.



## DOCKING STATION SETUP (Continued)

### Single Display Setup

1. Connect your monitor to the Display A - HDMI, Display B - HDMI/DisplayPort or Display C - HDMI/DisplayPort.



**Note:** Display B and C function via DisplayLink, Display A is supported via USB-C DP Alt Mode and will only output video when connected to a host system with this feature.

## DOCKING STATION SETUP (Continued)

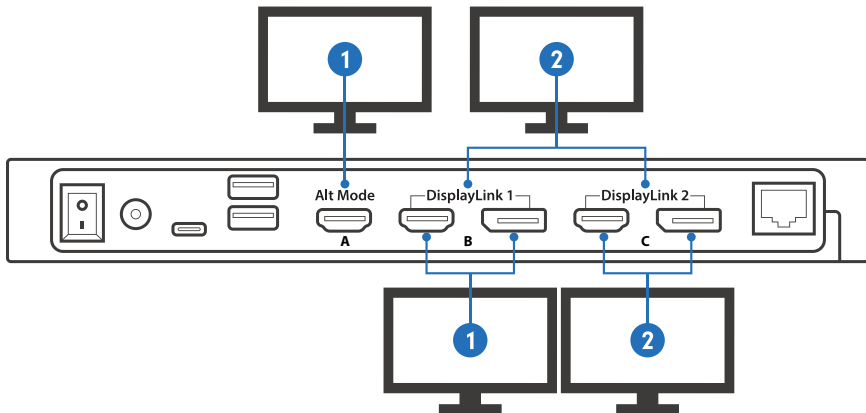
### Dual Display Setup

#### Configuration 1

1. Connect monitor 1 to the Display A HDMI.
2. Connect monitor 2 to Display B - HDMI/DisplayPort or Display C - HDMI/DisplayPort.

#### Configuration 2

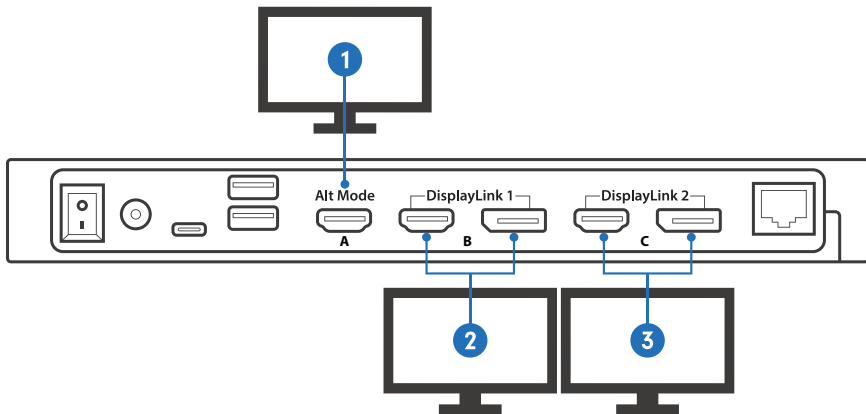
1. Connect monitor 1 to Display B - HDMI/DisplayPort.
2. Connect monitor 2 to Display C - HDMI/DisplayPort.



## DOCKING STATION SETUP (Continued)

### Triple Display Setup

1. Connect monitor 1 to Display A HDMI.
2. Connect monitor 2 to Display B HDMI/DisplayPort.
3. Connect monitor 3 to Display C HDMI/DisplayPort.



## Display 1 - DP Alt Mode

Display Connection	HDMI
Host System DP 1.2	3840 x 2160 @ 30Hz / 2560 x 1440 @ 60Hz / 1920 x 1080 @ 60Hz
Host System DP 1.4	3840 x 2160 @ 60Hz / 2560 x 1440 @ 60Hz / 1920 x 1080 @ 60Hz
macOS (Intel, M1, M2)	3840 x 2160 @ 60Hz / 2560 x 1440 @ 60Hz / 1920 x 1080 @ 60Hz

**Note:** Display 1 is supported via USB-C DP Alt Mode and will only output video when connected to a host system with this feature.

## Display 2 / Display 3 - DisplayLink

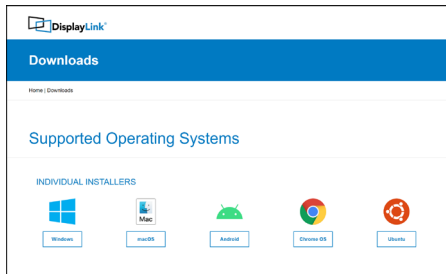
Display Connection	Display 1 - DP or HDMI	Display 2 - DP or HDMI
Windows System	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz
macOS (Intel, M1, M2)	3840 x 2160 @ 60Hz	3840 x 2160 @ 60Hz

**Note:** For each DisplayLink stream, you cannot use the DisplayPort and HDMI ports simultaneously. Use only one video port per DisplayLink stream.


## Windows Users - Downloading Drivers

1. Download and install the latest DisplayLink software. Select the driver according to your operating system.

Please visit [displaylink.com/downloads](https://www.displaylink.com/downloads) and download the latest drivers. Displaylink-provided drivers are always compatible with the USB Docking Station.



2. Select the downloaded file, double click to begin the DisplayLink software installer.

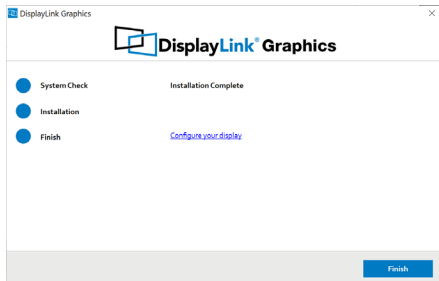
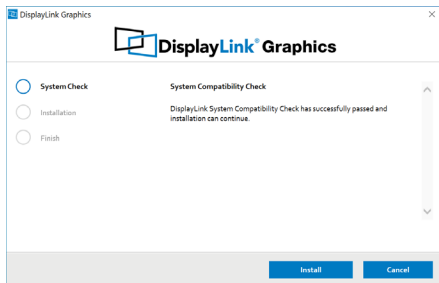
 DisplayLink USB Graphics Software for Windows.exe

## DRIVER INSTALLATION (Windows Continued)

3. Once the installer begins a window will pop up and verify that your system is compatible with DisplayLink USB graphics.

4. Click "Install"

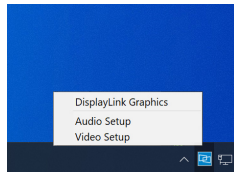
5. Once the "Finish" button appears the install is complete and your system will may need to reboot. If the option pops up click "Reboot" to finalize the driver installation.



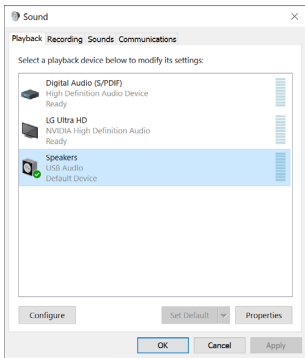
# WINDOWS SETUP

## Windows 10 - Audio Setup

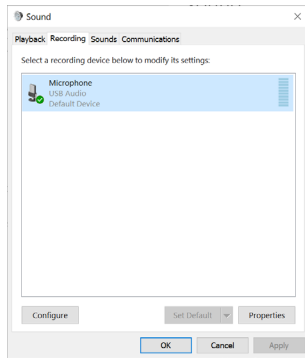
1. Click the DisplayLink "Icon" at the lower right corner to set up audio and video, click "Audio Setup"



2. Under the Playback tab select "Speakers" USB Audio, click Apply



3. Under the Recording tab select "Microphone" USB Audio, click Apply





### Windows 10 - Display Setup

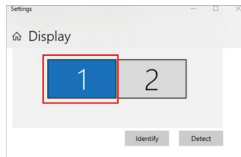
1. Click the DisplayLink "Icon" at the lower right corner to set up audio and video, click "Video Setup"

2. In "Display", select the desired display that you want to adjust

3. Click and drag the selected display to your preferred arrangement

4. Scroll down to "Multiple displays" and select the mode in the drop-down list that fits your needs

5. To adjust resolution select "Advanced display settings"



#### Multiple displays

Duplicate these displays

Extend these displays

Show only on 1

Show only on 2

[Connect to a wireless display](#)

[Advanced display settings](#)

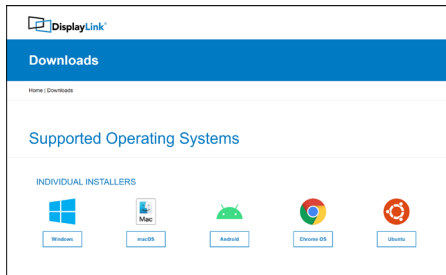
[Graphics settings](#)

# DRIVER INSTALLATION (macOS)

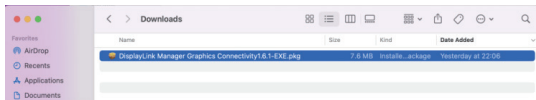
## macOS Users - Downloading Drivers

1. Download and install the latest DisplayLink software. Select the driver according to your operating system.

Please visit [displaylink.com/downloads](https://displaylink.com/downloads) and download the latest drivers. Displaylink-provided drivers are always compatible with the USB Docking Station.



2. Select the downloaded file, double click to begin the DisplayLink software installer.

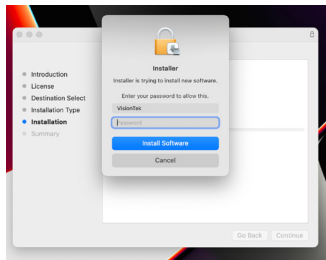
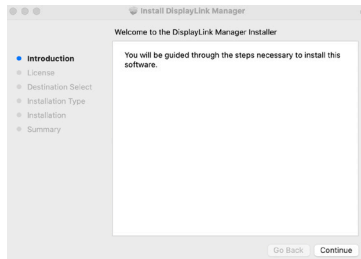


## DRIVER INSTALLATION (macOS Continued)

3. Click "Continue" to start the installation process.

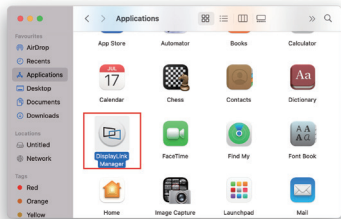
4. You may be prompted to input your account password, click "Install Software"

5. After installation is complete restart your system. Your dock should now be working. If not, make sure the DisplayLink Manager application is running by entering "Displaylink" into the finder and running the DisplayLink application.

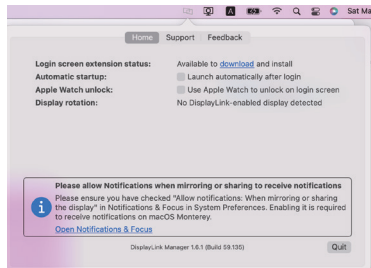


## DRIVER INSTALLATION (macOS Continued)

6. Navigate to **Applications**, then open **DisplayLink Manager**.



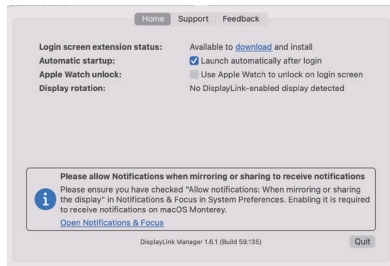
7. Click the **DisplayLink Manager** application icon in the notification area to open the application window. This confirms that the DisplayLink software is installed and running properly.



# DISPLAYLINK MANAGER CONFIGURATION (macOS)

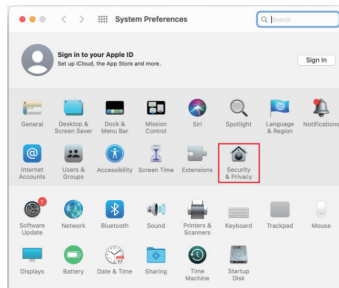
## Enable Automatic Launch

1. Select “**Launch automatically after login**” for the **DisplayLink Manager** software to start automatically every time you login.



## Enable Screen Recording

2. For display output using DisplayLink technology, Screen Recording may need to be enabled. Navigate to **System Preferences** and select **Security & Privacy**.



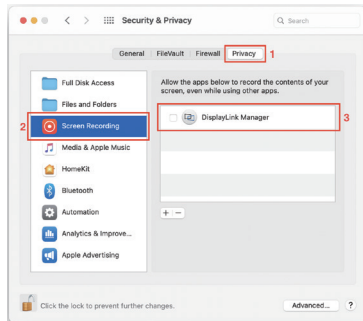
## DISPLAYLINK MANAGER CONFIGURATION (Continued)

3. Enable **“Screen Recording”** to allow DisplayLink Manager to capture video data and transmit it over USB to your displays.

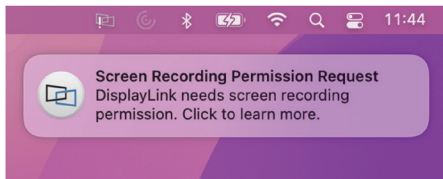
3.1. Select the **“Privacy”** tab.

3.2. Navigate to **“Screen Recording”** in the list on the left.

3.3. Tick the **“Screen Recording”** permission for DisplayLink Manager on the right.

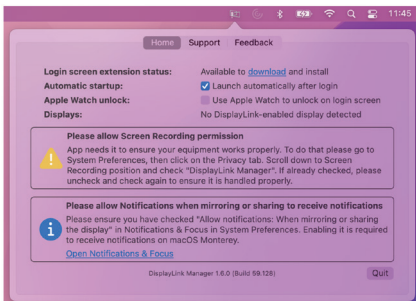


4. If **DisplayLink Manager** notifications are enabled it will remind you to allow screen recording when it detects this permission is not enabled.



## DISPLAYLINK MANAGER CONFIGURATION (Continued)

5. This notification will also appear in the **DisplayLink Manager** window.

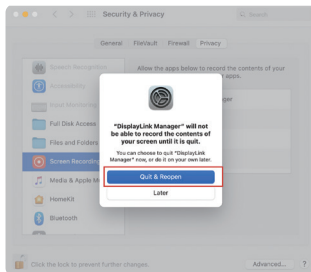


6. The permissions will take effect the next time you launch the DisplayLink Manager app. Select **“Quit & Reopen”** to restart the app.

Note: In Catalina 10.15.x select **“Sign Out Now”**

7. Reopen the **DisplayLink Manager** from the application **Finder**. In macOS Big Sur or later the application will automatically restart.

8. DisplayLink Setup should now be complete and working properly.



# DISPLAY SETTINGS (macOS)

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

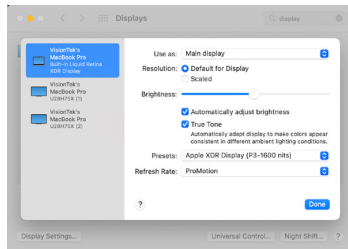
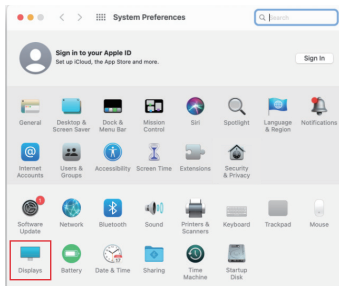
Display Positions

Display to Mirror mode

Display to Extend

Using both extended and mirrored displays

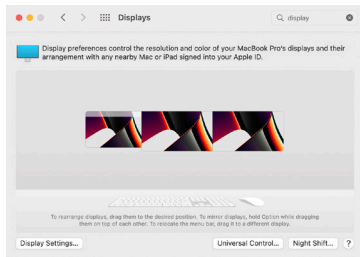
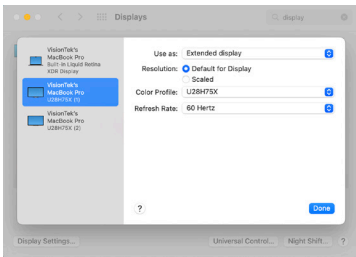
Changing the main display





## DISPLAY SETTINGS (macOS Continued)

1. To arrange displays and configure mirrored or extended displays click on the arrangement tab.
2. To move a display, click and drag the display in the arrangements window.
3. 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.



## FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Where shielded interface cables or accessories have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC. Changes or modification to product not expressly approved by VisionTek Products, LLC could void your right to use or operate your product by the FCC.

## IC Statement: CAN ICES-003 (b) / NMB -003 (B)

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## WARRANTY

VisionTek Products LLC, (“VisionTek”) is pleased to warrant to the original purchaser (“Warranty”) 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. Warranty 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](http://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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