

VT90 USB 3.0 to HDMI Adapter

SKU: 901506



The VisionTek VT90 USB 3.0 to HDMI Adapter allows you to easily connect your Windows™, Mac™ or Chrome™ laptop to an additional 4K display.

- Supports 1 Display (HDMI) via Silicon Motion USB Graphics
- USB-A or USB-C connection to host system

VT90 USB 3.0 to HDMI Adapter

Key Features:

- Compatibility with USB 3.0 Systems
- Compatible with M1 Mac
- Supports 1 external display
- 1 x HDMI 1.4



The VisionTek VT90 USB 3.0 to HDMI adapter allows you to easily add additional displays to your USB 3.0 enabled system. With this plug and play adapter, you can easily increase your desktop workspace to increase productivity with one small adapter.

What's In The Box

- VT90 USB to HDMI Adapter
- HDMI to DVI Adapter
- Quick Start Guide

Single Display Support:

DisplayPort: Resolutions up to 3840 x 2160 @ 30Hz (4K)

Single Display Support:

DisplayPort: Resolutions up to 3840 x 2160 @ 30Hz (4K)

Technical Specifications

Part

901506

Dock Connection

USB 3.0 - A
USB 3.0 - C

Display Technology

Silicon Motion USB Graphics

Displays Supported

1

Maximum Resolution Supported

4K @ 30Hz
1080P @ 60Hz

Video Interfaces

(1) HDMI 1.4

Cable Length

Adapter

System Requirements

Operating Systems:

Windows 11
Windows 10
Window 8.1
Windows 7
macOS 10.x and later
Chrome

Dock to System Connection

USB 3.0 Type A or USB 3.0 Type C

CPU

Core i5 or higher

System Memory

4GB

Warranty

Warranty:

2 Year Limited

Product must be registered within 30 days of purchase to be covered by the full 2-Year Warranty period*. Products not registered within 30 days of purchase will default to our 1-Year Warranty period.

You may register your product here: www.visiontek.com/support/warranty-registration

For additional warranty information, please see our Warranty Page: www.visiontek.com/support/warranty-information

Dimensions & Weights

Product Information

Length: 3.54" (90mm)
Depth: 0.59" (15mm)
Height: 1.84" (46.8mm)
Weight: 2.6oz (74g)
Color: Black ABS

Packaging Information

Packaging Style: Retail Box
Length: 6.10" (155mm)
Depth: 0.79" (20mm)
Height: 3.35" (85mm)
Weight: 4.4oz (126g)

Support

Drivers

Download the latest drivers from: VisionTek.com

User Manual

[VT90 User Manual EN \(757 KB\)](#)

FAQ

How do I change the arrangement of my displays?

The display arrangement can be adjusted in your operating system's Display Settings.

Can I set the number the monitor is identified as?

Windows will preset identifiers to the attached displays. If they match the physical orientation this identifier does not interfere with the arrangement.

My display is not working while connected to the VT90.

Please install the latest Silicon Motion USB Graphics drivers from: VisionTek.com

Make sure all cables are connected to the adapter.

Ensure the displays in the Display Settings arrangement are not set to Disconnect by default.

I installed drivers on my Mac system and there is still no display.

Please follow the instructions in the User Manual for adjusting security preferences on MacOS here. [User Manual](#)

How do I change the arrangement of my displays?

The display arrangement can be adjusted in your operating system's Display Settings.

Can I change the number on the monitor when I ask Windows to Identify Displays?

Windows will preset identifiers to the attached displays. If they match the physical orientation this identifier does not interfere with the arrangement.

How can I use my Windows laptop with the lid closed and connected to the docking station?

Yes. In the control panel Settings go to Power and Sleep Settings > Additional Power Settings > Choose what closing the lid does > Do Nothing (On battery and/or Plugged in)

How can I use my macOS laptop with the lid closed and connected to the docking station?

Go to System Preferences > Energy Saver > Slider set to Never

What drivers are required for the VT90?

The VT90 requires Silicon Motion USB Graphics drivers to operate. Please install the latest Silicon Motion USB Graphics drivers from: VisionTek.com

What Operating Systems is the Dock compatible with?

Windows 11, Windows 10, Windows 8.1, Windows 7, macOS

Can the VT80 connect to a laptop via USB-C?

Yes, you can use the included USB-A to USB-C adapter to connect to a USB-C port.

Can a display adapter be used with the VT90?

Yes, however, please use an active adapter when making signal type translations.

Is this VT90 compatible with non-4K displays?

Yes, this adapter will support resolutions below 4K.

For California Residents Only:

WARNING: Cancer and Reproductive harm. For more information, go to www.p65warnings.ca.gov

* Please, Note that Proposition 65 may be best defined as a "Right To Know" law in California and Prop 65 warning labels are not an indication that a product is violating safety standards or regulations. The Prop 65 warning label does not mean our products inevitably cause cancer or reproductive harm. We do not consider our products harmful when used as intended. However, it is a necessary precaution to provide the warning because of this California law.