Manuals+ — User Manuals Simplified.

VisionTek VT200 Dual Display USB-C Docking Station User Guide

Contents

VisionTek VT200 Dual Display USB-C Docking Station

SKU: 901226

- Supports up to 3 Displays (HDMI, DP or VGA) via DP Alt Mode
- USB-C connection to host system
- 1x DP, 1x HDMI, 1x VGA, 2x USB-A Ports, 1x USB-C Data Port
- 100W Power Delivery Supported, Power Supply not included

Key Features

- Compatibility with USB-C via DP Alt Mode
- Compatible with M1 Mac
- Supports up to 2 external displays
- 2 x USB 3.0 Ports 5Gbps
- 1 x USB-C Data Port 5Gbps
- 1 x USB-C Power Passthrough Port
- 1 x DisplayPort 1.2
- 1 x HDMI 1.4
- 1 x VGA
- Power Passthrough from USB-C Charger (not included)
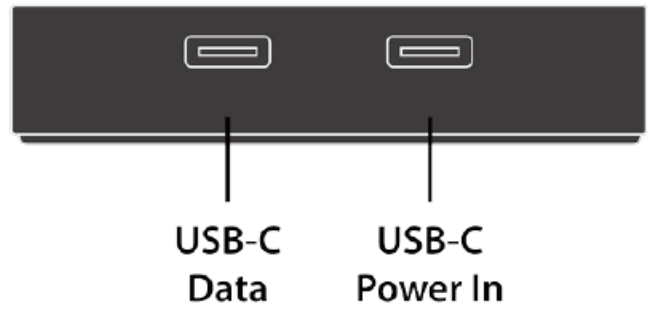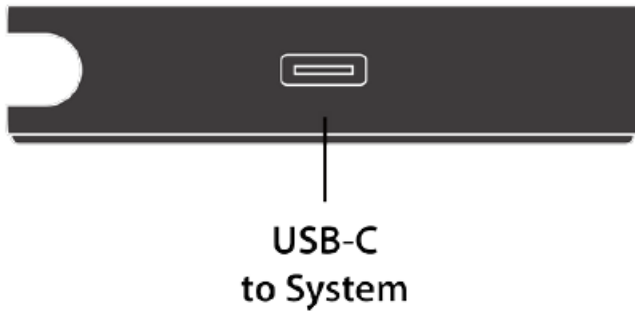- Supports up to 100W Power Passthrough

When laptop display is disabled 3 displays @ 720P are supported. With a single USB-C connection, you can connect up to two external displays, transfer files and data at up to 5Gbps speeds and charge mobile devices. Connect a USB-C power supply and passthrough up to 100W to your laptop.

Front Ports
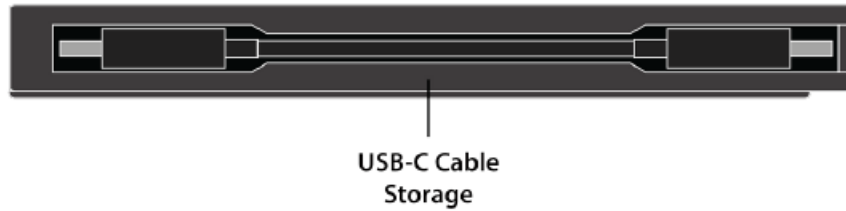
USB-C Cable
Storage

- 1 x USB-C Storage
- 1 x USB-C Cable 4″

Side Ports

USB-C
to System

USB-C
Data

USB-C
Power In

- 1 x USB-C to System
- 1 x USB-C Power Passthrough
- 1 x USB-C Data Port

Front Ports

VGA   HDMI   DisplayPort   USB 3.0 Ports
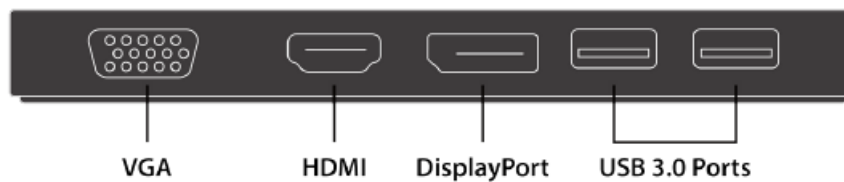
- 1 x VGA
- 1 x HDMI
- 1 x DisplayPort
- 2 x USB 3.0 Port

What's In The Box

- VT200 Dock
- USB-C to USB-C Cable 4″ (0.1m)
- User Manual

INTRODUCTION

Single Display Support

- **DisplayPort:** Resolutions up to 3840 x 2160 @ 30Hz (4K)
- **HDMI:** Resolutions up to 3840 x 2160 @ 30Hz (4K)
- **VGA:** Resolutions up to 1920 x 1080 @ 60Hz (FHD)

Dual Display Support

- **DisplayPort:** Resolutions up to 2048 x 1152 @ 60Hz
- **HDMI:** Resolutions up to 2048 x 1152 @ 60Hz
- **VGA:** Resolutions up to 1920 x 1080 @ 60Hz (FHD)

Triple Display Support

- **DisplayPort:** Resolutions up to 1280 x 720 @ 60Hz (720p)
- **HDMI:** Resolutions up to 1280 x 720 @ 60Hz (720p)
- **VGA:** Resolutions up to 1280 x 720 @ 60Hz (720p)

Windows systems support up to two external displays extended or cloned

Technical Specifications

Part #

- 901226

Dock Connection

- USB-C

Display Technology

- DP Alt Mode

Power Adapter

- Not Included

Power Delivery

- Up to 100W
  - Power adapter not provided

Displays Supported

- 2

Maximum Resolution Supported

- 1 x 4K @ 30Hz (3840 x 2160) DisplayPort
- 2 x FHD @ 60Hz (1920 x 1080)
- 3 x HD @ 60Hz (1280 x 720)*
  - The laptop display must be disabled

Video Interfaces

- (1) DP 1.2
- (1) HDMI 1.4
- (1) VGA

Ports

- (2) USB-A 3.0
- (1) USB-C 3.1 Gen1
- (1) USB-C Power Passthrough Only

Cable Length

- 0.1m – USB-C – USB-C

System Requirements

Operating Systems

- Windows 10
- Window 8.1
- Windows 8
- Windows 7
- macOS 10.x and later
- Chrome

System Support Requirement

- USB-C DP Alt Mode for video output
- USB-C Power Delivery for power passthrough
- MST compatibility for multi-display setup

Dock to System Connection

- USB-C

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

Environmental

- **Operating Temperature:** 0 to 40° C (32 to 104° F)
- **Storage Temperature:** -10 to 70° C (-14 to 158° F)
- **Relative Humidity:** 10% to 90% non-condensing – Operational / Storage

Dimensions & Weights

Product Information

- **Length:** 5.0″ (127mm)
- **Depth:** 2.5″ (63.5mm)
- **Height:** 0.6″ (14mm)
- **Weight:** 3.3oz (94g)
- **Color:** Black ABS
- **Packaging Style:** Retail Box
- **Length:** 7.38″ (188mm)
- **Depth:** 5.38″ (137mm)
- **Height:** 1.0″ (25mm)
- **Weight:** 5.8oz (165g)

Support

Drivers

- No drivers required

FAQ

Can the VT200 connect to a standard USB-A port?

- No, the VT200 will only connect to systems with a USB-C port and does not include a USB-C to USB-A cable/adapter.

Can a USB-C to USB-A adapter to attach the docking station to my laptop?

- No, the VT200 will require a direct USB-C connection.

Can I use the VT200 on a Thunderbolt ™ 3 (or Thunderbolt™ 4) system?

- Yes, the VT200 is compatible with laptops featuring a Thunderbolt™ 3 or Thunderbolt™ 4 USB-C port.

How much power pass-through can the VT200 docking station provide?

- The VT200 docking station can provide up to 100W of power pass-through via USB-C.

Why isn't my laptop receiving power from the docking station?

- The VT200 does not require a power supply to operate and will draw from the laptop's USB-C port.

My VT200 did not include a power supply?

- The VT200 does not include a power supply and is not required for operation. It will operate solely on the power provided by the laptop's USB-C port.

Why do I get a warning message on boot saying, "You have attached an undersized power adapter to your system…"?

- If attaching a Third-Party USB-C power supply to the power pass-through port on the docking station, it may be providing less power than the proprietary power supply. If your computer remains charging but received this message it is trickle charging. This may mean it is providing enough power to diminish the speed at which the battery is used, or it is charging at a slower pace than normal.

Why aren't the displays attached to VT200 working?

- Please ensure that the provided USB-C cable is in use for proper functionality. Also, ensure you are connecting the laptop via the side of the docking station with the single USB-C port.

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.

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

- 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?

- System Preferences > Energy Saver > Slider set to Never.

Can I attach a third-party USB-C power supply to the VT200?

- Yes, if your laptop has a proprietary USB-C charger or a third-party charger is available these can be used to provide power through the docking station to the laptop. Please note, the VT200 is only capable of providing a maximum of 100W of power pass-through.

Does the VT200 require a power supply to operate?

- No, the VT200 will operate without a power supply drawing all necessary power from the attached laptop's USB-C port.

What is the difference between Power Delivery and Power Passthrough?

- Power Delivery implies the docking station is both powered and providing power to the attached laptop while Power Passthrough implies the docking station does not require a power supply to operate but can pass through power from a third-party power supply.

Does the VT200 require drivers to operate?

- No, the VT200 operates utilizing USB-C with DisplayPort (DP Alt Mode).

What Operating Systems is the Dock compatible with?

- Windows 10, Windows 8.1, Windows 7, macOS

Can a display adapter be used with the VT200?

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

Why am I unable to get three external displays with the VT200?

- The VT200 is only capable of outputting signal to two displays at any given time. *Thunderbolt 3 and newer will support three displays at 1280x720p @ 60 Hz.

Why aren't my displays working with the VT200?

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

Is the VT200 plug-and-play?

- Yes, the VT200 does not require drivers to operate.

Does the VT200 support DisplayPort MST daisy-chain connections?

- No, the VT200 does not support this DisplayPort feature.

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.

Documents / Resources

	VisionTek VT200 Dual Display USB-C Docking Station [pdf] User Guide VT200, Dual Display USB-C Docking Station, USB-C Docking Station, Dual Display Docking Station, Docking Station, Station

References

- **p65warnings.ca.gov**
- **Warranty Information – VisionTek.com**
- **Warranty Registration – VisionTek.com**