2018 Solutions Update
Enterprise Productivity and Wireless Virtual Reality
Core Connectivity Solutions For Every Platform

Is power over USB supported on DisplayLink enabled docks?

DisplayLink chipsets are all PD “USB Power Delivery” ready. Design partners and customers can specify their preferred USB PD chipset solution, which can work in conjunction with any of DisplayLink chipsets today, enabling true single cable docking. When connected to legacy notebooks however, the barrel connector still needs to be connected on the notebook to its AC power supply.

Can we add more displays to a USB docking station?

DisplayLink enabled solutions are all built to enable expansion and flexibility. Docks can be extended by simply plugging in a USB DisplayLink USB adapter.

How to provision docking station support for both legacy and new USB-C platforms?

DisplayLink enabled solutions are uniquely compatible with both the new USB-C platforms and legacy USB-A platforms for easy deployment in your business and enterprise. Almost all new docking solutions are migrating from mechanical units to cable docks, connected with either USB or Thunderbolt over USB. From inception, DisplayLink chipsets and software are designed with flexibility in mind, enabling users to plan for IT connectivity, without concern or limitation.

Enable a clean and efficient work environment with a DisplayLink enabled docking station.
Flexible Solutions For All Your IT Requirements

Multi 4K p60 Docking Solution
Utilizing DisplayLink’s latest DL-6950 chipset, these docking solutions offer multi-4K screens, as well as Gigabit Ethernet, Audio, USB expansion and enterprise LAN features. They are ideally suited to USB-C docks but offer backwards compatibility (for users and IT). Power Delivery can be supported and is offered based on partner specifications.

Triple Display Docking with 4K Support
Utilizing DisplayLink’s DL-5910 chipset, these docking solutions offer single 4K + 2 x 1080p display connectivity for ultimate connectivity. They support USB-A and USB-C host connections and offer Gigabit Ethernet, Audio, USB expansion and enterprise LAN features.

Bus Powered Travel Dock Solutions
Productivity ‘On-The-Go’ was never easier. Enabling connections for HDMI TV’s / conference room displays or projectors + Gigabit Ethernet and USB. Supports USB-A and USB-C host connection using a ‘C-A’ cable making it the ideal business and travel companion.
Single Display Adapters – Portable Convenience

Single display adapters offer an easy and convenient way to add displays to your desk or conference room setup. They can easily be used to add an extra display to your PC/Notebook, or paired with projectors for easy USB connection.

Dual Display Adapters – Ultimate Expansion

Like the single display adapters above, the easiest way to add multiple extra displays, to your notebook / desktop or a DisplayLink enabled dock to add more displays. DisplayLink solutions are built to enable flexible expansion for business and IT.

Displays, Projectors & Ergonomics Solutions

Worlds Smallest Projector

It fits in the palm of your hand, measuring only 1.73” x 1.73” x 0.55”, weighs only 0.06 pounds and is bus powered using DisplayLink technology via a USB micro connector. Check it out at (shopminiray.com)
USB Bus Powered Portable Displays

Productivity ‘On-The-Go’ is a whole lot easier with a portable bus powered second display. The Asus MB168 is one of several displays on the market delivering ultra portability on an HD display. This USB 3 bus powered device can be connected via USB-A or USB-C and can be added to any DisplayLink docking solution.

Monitor Docking Products

Integrating a full docking station into a monitor stand provides for a neater workspace while integrating all the necessary connections into one item that seldom moves. This device also provides power to notebooks for charging.

Ergonomic Clean Desk Solutions

Humanscale, the world leader in ergonomic solutions, takes docking to a whole new level integrating DisplayLink technology into their M/Connect and M/Power product ranges. Clean desk space, productivity and usability all come together in an elegant solution simplifying connectivity for users and IT.
Corporate Install
Simplifying IT Setup

Corporate Install for Systems Admins

DisplayLink offers corporate install software for Windows, available to network and IT administrators as a standard Microsoft MSI installer package allowing them to simplify corporate deployment and platform images via centrally managed drivers. (For more information on this visit www.displaylink.com/downloads/corporate).

Any Device, Any Operating System

Windows
- Windows 7
- Windows 8
- Windows 8.1
- Windows 10 (Driver Download)

Mac OS
- 10.8 Mountain Lion
- 10.9 Mavericks
- 10.10 Yosemite
- 10.11 El Capitan
- 10.12 Sierra (Driver Download)

Android
- Android Lollipop onwards (Google Playstore Download)

Ubuntu Linux
- V14.04.2 LTS
- V16.04
- V16.10 (Driver Download)

Native support from R51 onwards (Native Support)
Ultimate Hot Desking Flexibility

The Wheel of ‘Fortune 500’ – Enabling Everything for IT Simplicity

One of the largest challenges we hear constantly from IT and CIO’s is how to provision hot desking solutions to cater for the ever growing numbers of machine types, architectures and operating systems. DisplayLink’s unique architecture allows our products to be the heart of any connectivity solution regardless of platform or OS. The ‘Wheel of Fortune 500’ demonstrates how a single desk setup can cater to the ever changing needs of the enterprise. Eight different platforms, architectures and operating systems were shown at CES 2017 highlighting how hot desks can be provisioned using DisplayLink technology to provide seamless connectivity to users. The ‘wheel’ housed 8 different platform types including: Intel, Arm and AMD architectures, Windows 7, Windows 10, Android, Ubuntu, Apple, Chrome OS operating systems and PC’s, notebooks, tablets and cell phone platforms. Their connections also spanned USB-A, USB-C, TB3 over USB and even Micro USB on the phones.

All could connect by simply plugging in the USB cable to the host docking station via a single cable connection. IT managers and CIO’s can easily setup common infrastructure around offices for users to connect with solving backwards and forward compatibility issues.
Your Future Connectivity, Already Created

Dual-4K Over USB The Next Step In Universal Docking

DisplayLink’s newest solution, the DL-6950 is designed to provide the best connectivity solution for IT deployments, right across the enterprise, regardless of platform or connector type.

Provides connectivity for both USB Standard-A and the new USB-C connectors and enables seamless display connectivity for dual 4K p60 (Ultra HD).

The Best Docking Station Experience That Scales With Your Business

- One docking solution for old and new platforms (simplifies IT provisioning)
- One size fits all strategy (USB with support up-to dual 4K p60)
- Ready for power delivery (USB PD) – recommended in all new products
- The easiest way to provision hot desking / hoteling
- Scales as you grow - add more displays over USB when needed
- Provides unparalleled flexibility
The Ultimate In Universality

**Universal Display Interface**
- DisplayLink uses the standard USB or WiFi connection that’s on almost every device to connect to computer monitors or TVs
- With DisplayLink, any computer or device can easily connect to any monitor without the need for special cables
- We Call this Plug and Display™

**Expand Your Visual Workspace**
- DisplayLink has the ability to add multiple extra displays easily, even when your computer has no display connector, there’s a DisplayLink product to easily expand your visual workspace
- Connect displays or docking stations through any USB-A or USB-C port, even through hubs

**Easy To Setup and Maintain**
- DisplayLink uses the built-in USB, networking and display management software that comes with your computer, so plugging in a DisplayLink product is just like plugging it directly to your computer
- Once you download the driver (PC/Mac/Linux) or App (Android), you simply Plug and Display™
- Chrome OS has native support

**Uncompromised Performance**
- DisplayLink supports the highest mainstream desktop displays up to 4K in resolution
- Our integrated Gigabit Ethernet runs over the USB3 connection into the laptop
- DisplayLink’s latest chipsets also support multiple 4K monitors up to 3840x2160 or 4096x2160 resolution

**Futureproof**
- Today, most computer displays are High Definition 1080p, so if you’re considering an upgrade check out DisplayLink Monitor Support, these scale in resolution from below 1080p to full 4K Ultra HD
- DisplayLink periodically releases software updates for its products adding new features.
- Every make of computer and monitor is slightly different, so we constantly test and work with the industry to ensure compatibility

**Any Device, Any Operating System**
- All the right connections, wired and wireless connectivity - ultra low latency, highly interactive
- DisplayLink graphics technology works across computing platforms and connector types, providing a solution to connect multiple displays and docking functionality to any platform

**The Best Visual Networking Technology**
- Pin sharp graphics
- Ultra low latency
- Link aware
- Content aware
- Dynamic bandwidth management
- Scalable to easily add more monitors
Freedom of VR Without The Wires

With the recent explosion of interest in Virtual Reality, many of our customers and partners have approached us to see how we could help them solve the problem of eliminating the tethered cable that runs between the Head Mounted Display (HMD) and gaming PC or console. This is an obvious restriction on unimpeded movement of the user in the virtual environment.

Solutions to this include elaborate ceiling mounted cable tethers and backpack gaming PCs, but we asked ourselves: “How can DisplayLink do this wirelessly?”

This is a big challenge since the video data rate on first generation VR HMDs is already four times greater than that of a high definition TV and too great for any wireless link unless the video is compressed. However, most standard compression systems such as MPEG create a delay in the video stream, and if the delay through the system (which includes sensing head movement and generating the CGI scene) becomes greater than 20ms, the user will start to feel motion sickness.

DisplayLink’s solution combines our unique approach to video compression with deep technical partnerships with leading wireless networking companies. Despite the high video data rates demanded by VR
applications, DisplayLink’s compression system can maintain the resolution, quality, and framerate of the VR display but with no discernible increase in latency compared to a direct connected display.

First-generation VR HMDs such as Vive and Rift support 1.5 megapixels per eye, for a data rate of about 6Gbps DisplayLink’s current chipsets supports 4K resolution displays and 24 Gbps video bandwidth. Combining massive video data capability with very low latency means DisplayLink’s chipsets are ideally suited to VR head mounted displays.
High Quality Wireless VR with Ultra-low Latency

Time to Cut The Cord, DisplayLink Wireless VR at E3 2017

E3 2017, Los Angeles saw the dawn of a new era for Virtual Reality with DisplayLink leading the charge, showing a high resolution, low latency wireless VR solution specifically targeted at the VR head mounted display market.

DisplayLink’s codec works on any wired or wireless link, leveraging our award winning compression technology and making it ideally suited to any VR platform.
Ultra-Low Latency, Wireless VR

What users and partners to the show said when testing out the Wireless VR demo for the first time:

“This is truly awesome”

“I never want to go back to cables after this”

“I couldn’t tell the difference from a wired connection – simply amazing”

“I want it and I want it now”

“WOW, Seriously, WOW”

“I really didn’t feel any lag or latency at all”
# DisplayLink Experience

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Hi Resolution</td>
<td>Supports up to 24 Gbps total video throughput via single or dual video ports. This includes current Gen 1 headsets (2160 x 1200) 90 fps as well as future 4K panels (3840x2160) and features high dynamic range (HDR) for Gen 2 and Gen 3 products</td>
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<tr>
<td>Excellent Quality</td>
<td>No visible motion or compression artefacts</td>
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<tr>
<td>Low Latency</td>
<td>Typically sub frame of 3-5 ms in a normal radio environment such as a domestic living room, meeting room, or conference booth</td>
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<td>Wireless</td>
<td>60 GHz radio with beam-steering active antennae</td>
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<tr>
<td>Battery Powered</td>
<td>2-hour operation from standard pack (head or belt mounted)</td>
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| Standard Interfaces   | • HDMI or DisplayPort for forward video path  
                        • USB2/USB3 for camera and sensor back channel                                                                                                                                            |
DisplayLink has more than ten years’ experience developing networked display solutions for interactive applications where low latency is a must. We’re also familiar with wireless display solutions using many different types of wireless networking technology.

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