

US3310

2-Port 4K HDMI USB-C KVM Dock Switch with Power Pass-through





Display Sharing



Keyboard and Mouse Sharing



Key Switch



85W PD Charging



DeX mode



US3310

2-port USB-C Dock Switch with Power Pass-through





Expand What Your Mobile Device Can Do

No more dealing with plugging and unplugging. Dock your USB-C smartphone, iPad Pro , and laptop, or two USB-C laptops, to US3310 and share a display and peripherals.* Use only one set of display, keyboard, and mouse to seamlessly control two systems and save desk space. Put the remote port selector in the most convenient place or even hide it under your desk for quick switching.

*Compatible with smartphones launched in 2018 or later that feature video output (DP Alt Mode) over USB-C.

**2-sec Speedy Switching to Stay Efficient**

There's no time to waste on switching lag. Thanks to exclusive ATEN technology that eliminates lag and resolution issues, switching between two systems only take two seconds, making your workflow more efficient. Your HDMI connection will stay active without disrupting the layout when switching. The USB connection works as a USB hub, which means you can keep all the functionality of a keyboard and mouse, such as media keys or extra mouse buttons.

Superior Video Quality and Ultra-fast USB 3.2 Data Transfer Speed

Support maximum resolution up to 4K@30Hz for 4K TVs or ultra-wide and gaming monitors. USB 3.2 provides data transfer speed up to 5Gb/s allowing you to share external storage devices for swapping data between two systems quickly and easily.

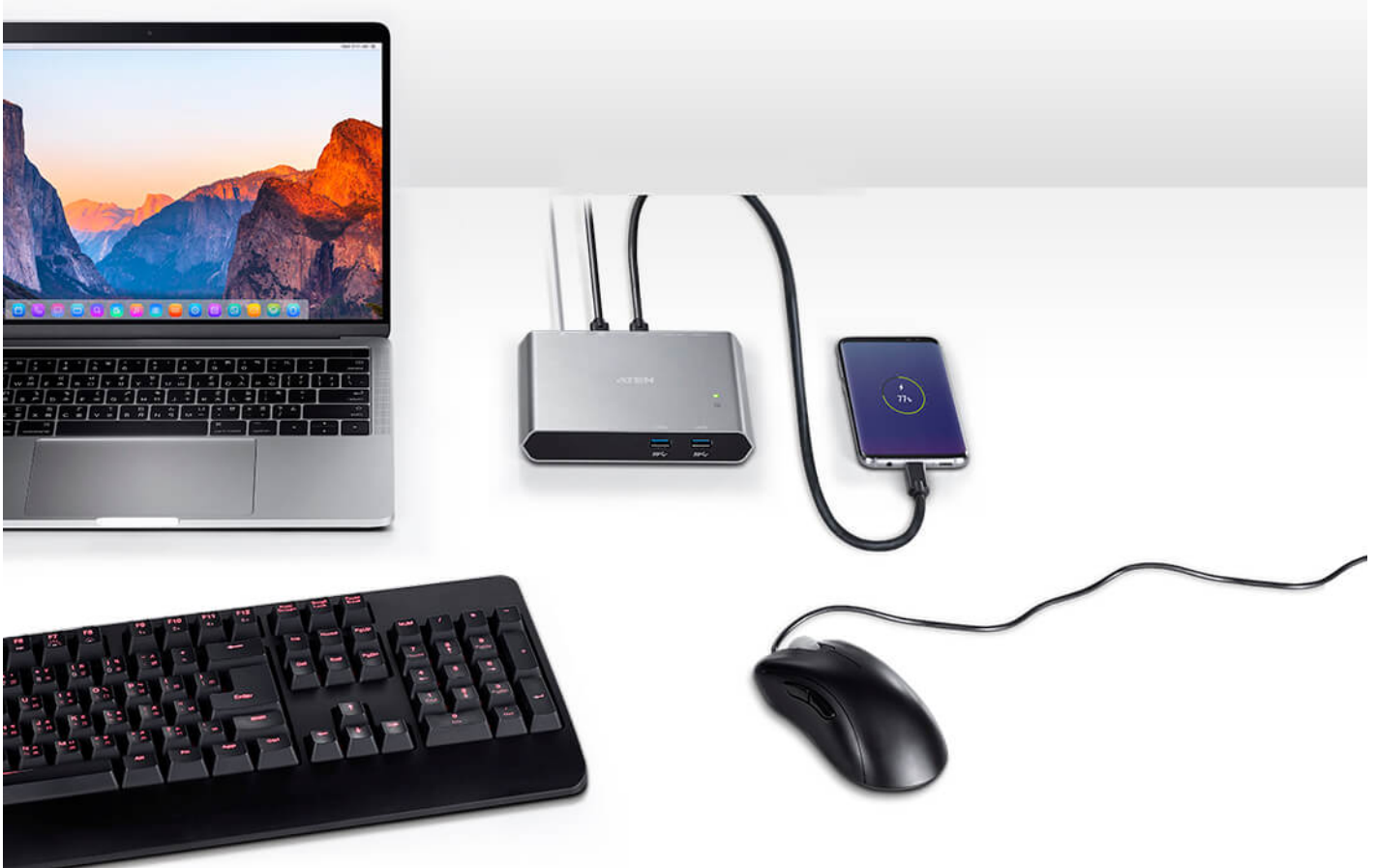


Extend the Desktop Environment to your Phone

Nowadays a smartphone can act like a PC. Use your smartphone to work, watch, and play on the go. Once back to the office or home you can connect it with US3310 to build a workstation in Samsung DeX mode for multitasking, and switch to a laptop once you have heavy tasks to do.

Charge your Phone, iPad, Laptop, and Power-hungry Devices

The 85W USB C power delivery 3.0 pass-through charges your phone, and laptop simultaneously and also provides enough power for power-hungry devices such as external hard drives or gaming devices. You can use your favorite keyboard and mouse to work and play, even with a power-hungry RGB gaming rig.



4K



Computers

USB-C

PD 3.0



USB 3.2
Gen 1



Power
Pass-Thru

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Features

The US3310 is a 2-Port 4K HDMI USB-C KVM Dock Switch with Power Pass-through that features the combination of a multiport dock, and allows one button switching between laptops and Android smart phones. With one set of display, keyboard, and mouse, users get to seamlessly control two different systems and save desk space. Thanks to the remote port selector, users are allowed to put US3310 at the most convenient location or hide it under the desk to do the quick switch.

Featured with the superior HDMI video resolutions up to 4K (3840 x 2160) @ 30Hz, the US3310 delivers high quality video with minimal latency when switching and your HDMI connection will keep active without destroying the layout when switching. In addition, the USB 3.2 Gen1 provides data transfer speed up to 5Gb/s allowing to share external storage devices for swapping data between two systems easily.

The 85W USB C power delivery 3.0 pass-through can keep charging your phone and laptop simultaneously and also provides the enough power for power-hungry devices, such as external hard drives or gaming devices. You can connect smartphone with US3310 to build a workstation in Samsung DeX mode or Huawei Desktop mode for multitasking, and switch to laptop once you have heavy loading task to do.

With US3310, users can save desk space, and switch host devices directly, and creates a personalized desktop environment.

- Allows a USB-C laptop and an Android Smartphone to share one HDMI monitor and all connected USB peripherals*
- Provides USB Power Delivery 3.0 for laptop charging up to 85W (additional USB-C Power Adapter is needed)**
- Supports 4K resolutions – up to 3840 x 2160 @ 30Hz
- Supports Samsung DeX mode or Huawei Desktop mode***
- Video DynaSync – allows EDID and HDCP monitors and computers to function flawlessly, and provides fast switching such as continuous real-time switching
- Switch device via remote port selector by pressing a button
- Plug and play – no drivers needed
- Multiplatform support – Windows, Mac, Android & iPad Pro (2018)
- Apple M1 / M2 chip compatible

*For video output to work through a USB-C port, it must support DP Alt Mode.

**For device charging, a Limited Power Source (LPS) certified USB-C PD Power Adapter over 65Watt is recommended. The minimum system power requirement for basic USB functions and video output should be at least 5V, 3A.

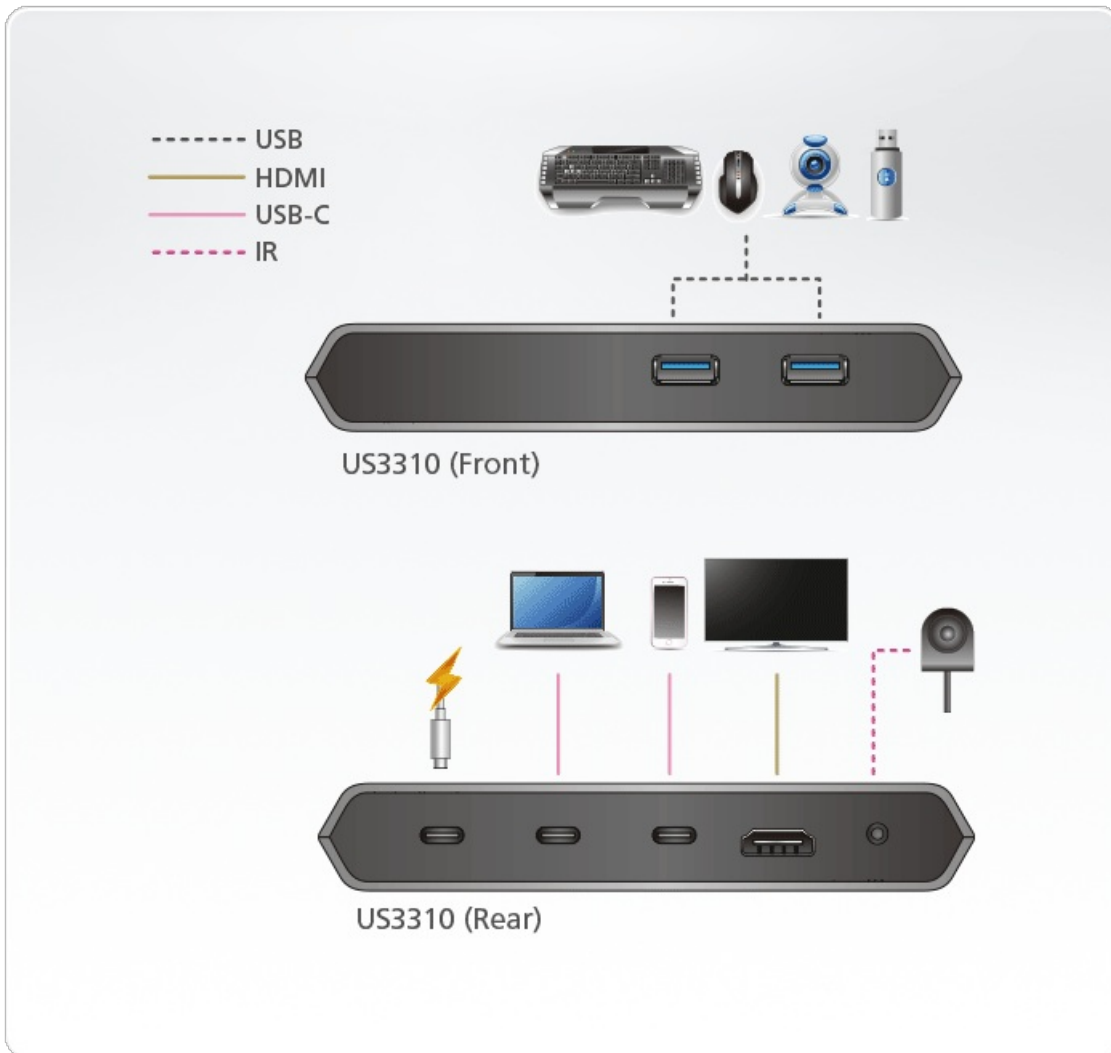
***Compatible with smartphones launched in 2018 or later that feature video output DP Alt Mode over USB-C. For a list of supporting mobile device, refer to US3310's user manual

Specification

Computer Connections	2
Connectors	
Computer	USB 3.2 Gen 1 Type-C Port 1 (Laptop) USB 3.2 Gen 1 Type-C Port 2 (Android : Samsung Dex or Huawei Desktop mode)
Device	2 x USB 3.2 Gen 1 Type-A Female
Video Output	1 x HDMI Female
Power	1 x USB-C DC-in Female* Port 1 : Supports USB-C PD laptop charging at 5V, 9V, 15V, 20V output* Port 2 : Supports max. 5V, 2A output *Supports maximum 100W USB-C PD power adapter input. *For device charging, a Limited Power Source (LPS) certified USB-C PD Power Adapter over 65 Watt is recommended. The minimum system power requirement for basic USB functions and video output should be at least 5V, 3A. *The first 15W will supply the US3310, the next 10W will supply USB-C device connected to Port 2, and the balance power will supply USB-C device connected to Port 1.
Port Selection	
Input	Remote port selector
Video Resolution	Up to 3840 x 2160@30hz

System Requirements	<p>Windows 10 and above, USB-C enabled computer with DP Alt Mode*</p> <p>* With Intel 7th-Generation Core Processor (Kaby-Lake) and above. More info about CPU generation, please find: https://www.intel.com/content/www/us/en/processors/processor-numbers.html</p> <p>Mac OS X 10.12 and above, USB-C enabled computer</p> <p>Android 8.0 and later, USB-C enabled Smartphone with DP Alt Mode**</p> <p>**Only Samsung and Huawei support PC-like operation, others only support mirror mode. For a list of supporting mobile device, refer to US3310's user manual.</p> <p>iOS 12.1 and above, iPad Pro 3rd generation (2018)***</p> <p>*** For better HID experience, iPad OS 13 and above is recommended.</p>
Power Consumption	<p>DC5V:1.24W:406BTU/h</p> <p>Note:</p> <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
LEDs	
Selected	2 (White)
Environmental	
Operating Temperature	0–40°C
Storage Temperature	-20–60°C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Aluminum
Weight	0.33 kg (0.73 lb)
Dimensions (L x W x H)	14.30 x 11.90 x 2.38 cm (5.63 x 4.69 x 0.94 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their
respective owners.