Manuals+ — User Manuals Simplified.

ATEN US3311 2 Port 4K DisplayPort USB-C KVM Dock Switch with Power Pass Through Owner's Manual

Contents

ATEN US3311 2 Port 4K DisplayPort USB-C KVM Dock Switch with Power Pass Through

The US3311 KVM switch enables plug-n-play single USB-C cable connection so that 2 laptops can share 1 monitor and 1 keyboard and mouse set, plus 4K@60 and 4-port USB 3.2 SuperSpeed connectivity significantly save desk space and boost your efficiency.

Features:

- Switch between 2 USB-C laptops
- 4-Port SuperSpeed Expansion
- Exclusive ATEN technology for fast switching speed
- ATEN's patented Video DynaSyncTM ensures correct resolutions and display configurations when switching ports under all operating systems
- Supports up to 3840×2160@60Hz and also works with 21:9 Ultrawide and 32:9 super Ultrawide monitors for graphics-intensive work
- Works as a charging station to keep your USB-C devices and USB peripherals powered on with 100W Power Delivery

Specifications:

- Computer Connections: 2
- Connectors:
    - CPU1: 1 x USB Type C Female
    - CPU2: 1 x USB Type C Female
    - 4 x USB 3.2 Gen 1 Type-A Female
    - 1 x DisplayPort Female
    - 1 x DC jack for 12V 3.3A
    - 1 x USB-C Female* Port 1 : Supports USB-C PD laptop charging at
      5V, 9V, 15V, 20V output* Port 2 : Supports max. 5V, 3A output

- Port Selection: Input Port Switch Button
- Video Resolution: Up to 3840 x 2160@60hz
- System Requirements:
  - Windows 10 and above, USB-C enabled computer with DP Alt Mode*
  - With Intel 7th-Generation Core Processor (Kaby-Lake) and above.
  - Mac OS X 10.12 and above, USB-C enabled computer
  - Android 8.0 and later, USB-C enabled Smartphone with DP Alt
  - Mode Only Samsung and Huawei support PC-like operation, others only support mirror mode.

Product Usage Instructions

To use the US3311 KVM switch:

1. Ensure that your computers meet the system requirements as specified in the manual.
2. Connect your USB peripherals to the USB ports on the US3311 KVM switch.
3. Connect the USB-C cable to the US3311 KVM switch and your laptop.
4. Connect the DisplayPort cable to the US3311 KVM switch and your monitor.
5. Press the Input Port Switch Button to switch between the two connected laptops.

Note: When switching between ports, ATEN's patented Video DynaSyncTM ensures correct resolutions and display configurations when switching ports under all operating systems.

US3311

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

Switch Between 2 USB-C Laptops

US3311 takes our agile and powerful KVM switch solutions to another dimension. It enables plug-n-play single USB-C cable connection so that 2 laptops can share 1
monitor and 1 keyboard and mouse set, plus 4K@60 and 4-port USB 3.2 SuperSpeed connectivity significantly save desk space and boost your efficiency

Unreal Switching Speed & 4-Port USB 3.2 Expansion

Work across two USB-C laptops with industry's first fast switching, USB 3.2 expansion, and 4K@60

2-Port 4K DisplayPort USB-C KVM Dock Switch | US3311

Compatible with Windows | M1/M2 MacOS / iPadOS | Android

4K DCI

Superb 4-Port SuperSpeed Expansion

With 4 USB 3.2 gen1 ports, transfer data at up to 5Gb/s. Charge and power external devices, no need for an extra USB hub

2 USB-C / Thunderbolt 3 Hosts

Laptop / MacBook, Intel NUC, Mac mini, iPad Pro, Smartphone

Unreal Switching Speed

USB 3.2 5Gbps

Keyboard, Mouse, Hard Drive, Headset, Webcam, Speakers

10X Faster than USB2.0	USB 3.2	5Gbps
	USB 2.0	480Mbps

Exclusive ATEN technology brings astoundingly fast switching speed. Switching between two systems takes three seconds,* making your workflow more efficient than
ever before.
This result is tested by ATEN. Actual switching speed may differ based on your computer's performance

Always Correct Resolutions and Display Configurations

Fast Switching

ATEN's patented Video DynaSync™ ensures correct resolutions and display configurations when switching ports under all operating systems, ensuring smooth desktop operation.
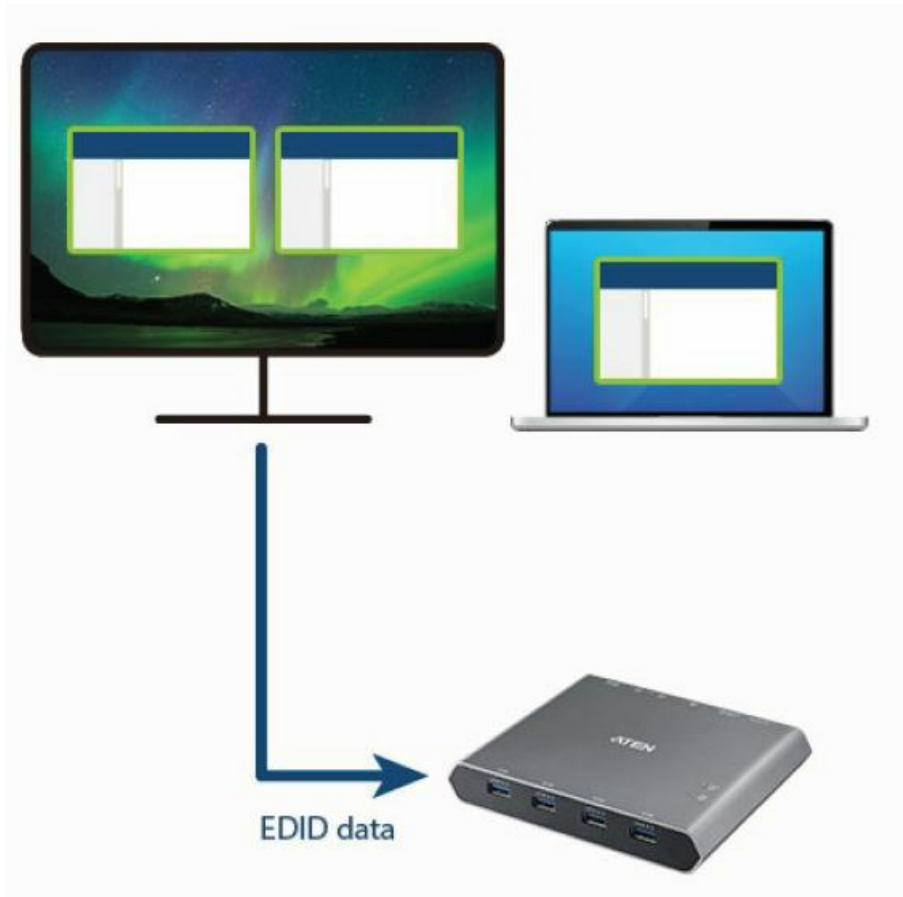
Without Video DynaSync™

Incorrect display settings and shifted windows

No EDID or default EDID

With Video DynaSync™

Always-optimized video

Exceptional AV Performance in Vivid 4K@60Hz

US3311 empowers your desktop operations with visual enhancement thanks to 4K DCI compliance. It supports up to 3840×2160@60Hz and also works with 21:9 Ultrawide and 32:9 super Ultrawide monitors for graphics-intensive work.

Work While Charging with 100W Power Delivery
The USB-C KVM dock switch also works as a charging station to keep your USB-C devices and USB peripherals powered on.

Contact Us

Get a quote for this product or get in touch with our sales experts

- Get Quote
- Contact Sales

Essential Applications

The US3311 Dock Switch is perfectly suited to graphics/data-intensive and multitasking operations in the following scenarios:

Product Comparison

Talk to Our Experts
If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you
shortly

Features

- Built to deliver easy control and seamless switching between dual USB-C hosts, the US3311 is a 2-in-1 solution combining a KVM switch and a multiport dock with 4 x USB Type-A ports, 1 x DisplayPort, 1 x USB-C PD input, and 1 x DC jack input. Quick switching from one laptop to the other is made easy through one press of the dedicated port switch button, enabling use of the same USB peripherals and a single DisplayPort monitor for two host devices. Work efficiency is boosted without the need to switch workstations or unplug peripherals.

Other highlights include video resolution support for up to 4K (3840 x 2160) @ 60 Hz, ensuring that every video detail is displayed in crisp UHD quality. The US3311 is a 4- port USB 3.2 Gen 1 Type-A hub with up to 5 Gbps data transfer rates while supporting high-speed downstream devices. Furthermore, the Power Delivery 3.0 technology enables charging of the host device with up to 100 W, allowing your laptop to obtain the maximum power via your USB-C power adapter. The US3311 helps save valuable desk space and expands the functionality and connectivity of your Mac laptops, creating an ultra-powerful USB-C workstation.

- 2- in-1 solution for 2 USB-C host devices – combines a KVM switch and a multiport dock with 4 x USB 3.2 Gen 1 Type-A ports, 1 x DisplayPort, 1 x USB-C PD input, and 1 x DC jack input
- Superior video quality – up to True 4K (3840 X 2160 @ 60 Hz)
- ATEN Video DynaSync™ Technology – eliminates boot-up display problems and optimizes resolutions when switching among video sources
- USB 3.2 Gen 1 compliant
- Up to 5 Gbps data transfer rates
- Supports DP 1.4 Alt Mode
- Supports PD 3.0 up to 100 W USB PD charging – allows your laptop to obtain the maximum power via your USB-C power adapter
- Host device selection via the included port switch button
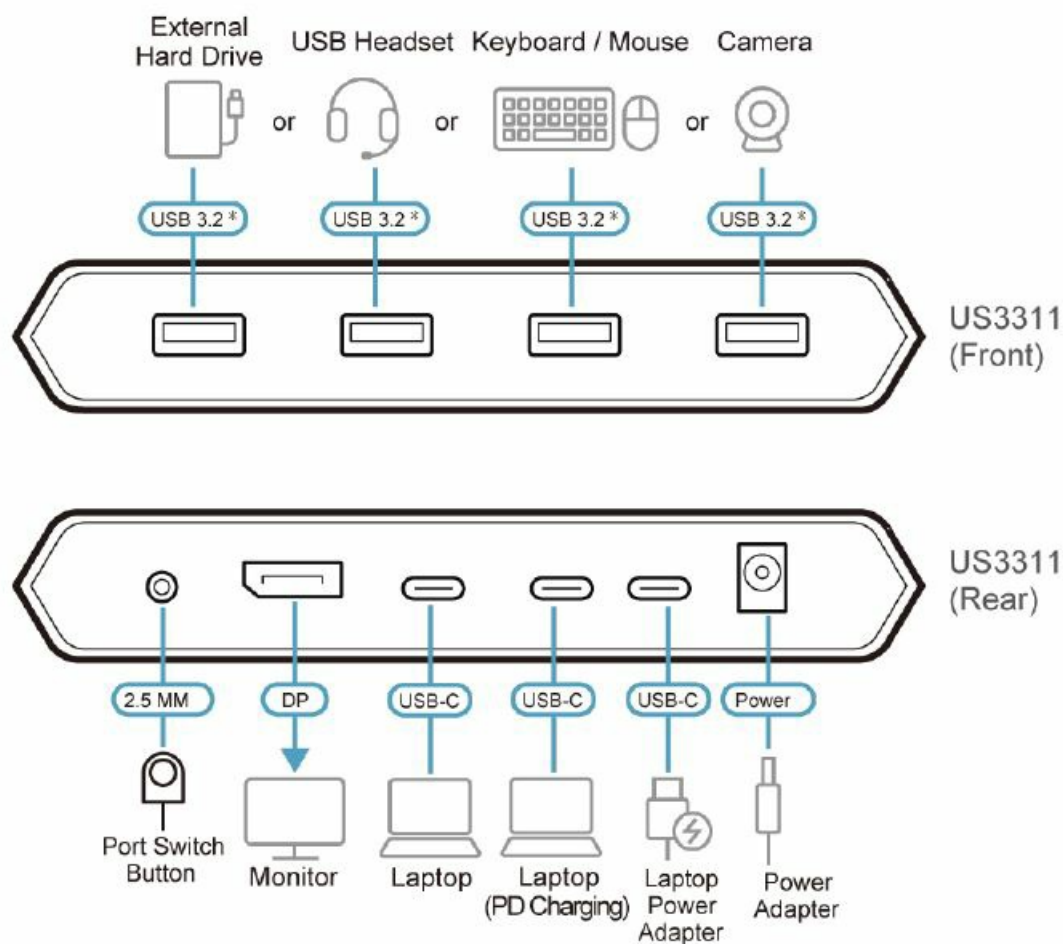- Plug-and-Play – no drivers needed

Specifications

Computer Connections	2
Connectors	
Computer	CPU1: 1 x USB Type C Female CPU2: 1 x USB Type C Female
Device	4 x USB 3.2 Gen 1 Type-A Female
Video Output	1 x DisplayPort Female

Power	1 x DC jack for 12V 3.3A 1 x USB-C Female*
	Port 1 : Supports USB-C PD laptop charging at 5V, 9V, 15V, 20V output* Port 2 : Supports max. 5 V, 3A output
	*Supports maximum 100W USB-C PD power adapter input.
	*For device charging, a Limited Power Source (LPS) certified single port 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.
Port Selection	
Input	Port Switch Button
Video Resolution	Up to 3840 x 2160@60hz
System Requirements	Windows 10 and above, USB-C enabled computer with DP Alt Mode*
	* 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**
	Mac OS X 10.12 and above, USB-C enabled computer
	Android 8.0 and later, USB-C enabled Smartphone with DP Alt Mode**
	**Only Samsung and Huawei support PC-like operation, others only support mirror mode. For a list of supporting mobile device, refer to US3311's user manual.
	iPadOS 13.1 and above, iPad Pro (USB-C)*
	*Support video output in mirror mode
Power	
Maximum Input Power Rating	DC12V, 3.3A
Power Consumption	DC12V:1.68W:117BTU
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	0.35 kg (0.77 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

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Documents / Resources

ATEN US3311 2 Port 4K DisplayPort USB-C KVM Dock Switch with Power Pass Through [pdf] Owner's Manual
US3311 2 Port 4K DisplayPort USB-C KVM Dock Switch with Power Pass Through, US3311, 2 Port 4K DisplayPort USB-C KVM Dock Switch with Power Pass Through, Dock Switch with Power Pass Through, Power Pass Through

References

- ^{intel} **Intel® Processor Names, Numbers and Generation List**