

3-Port USB-C DisplayPort Hybrid KVM™ Switch

CS1953

The ATEN CS1953 is a hybrid KVM™ Switch that integrates USB-C device and DisplayPort PC into a desktop workstation. Taking a giant step forward from prior digital-interfaced KVM models, the CS1953 comes with USB Type-C functionality that transfers video, audio, data, and even provides USB Power Delivery 3.0 for USB-C device charging. That means with a single USB-C cable, users can reduce bulky cable setups and experience a better working environment.

Complying with DisplayPort 1.2 standard, the CS1953 supports superior video quality up to 4K DCI (4096 x 2160 @ 60Hz) for premium images. In addition, its USB-C channel supports DP Alt Mode, so it can deliver DisplayPort signals and work like a standard DisplayPort connection. For added flexible usage, the CS1953 can convert signals from DisplayPort to HDMI or DVI with its DisplayPort Dual-Mode technology (DP++).

Featuring these robust functionalities and an unbeatable combination of USB 3.1 Gen 1 data transfer speed convenience, bus-powered design, and user-friendly port switching methods including hotkeys, mouse and remote port selector etc., the CS1953 allows users to keep up with the latest innovations in desktop multimedia and work smarter than ever.

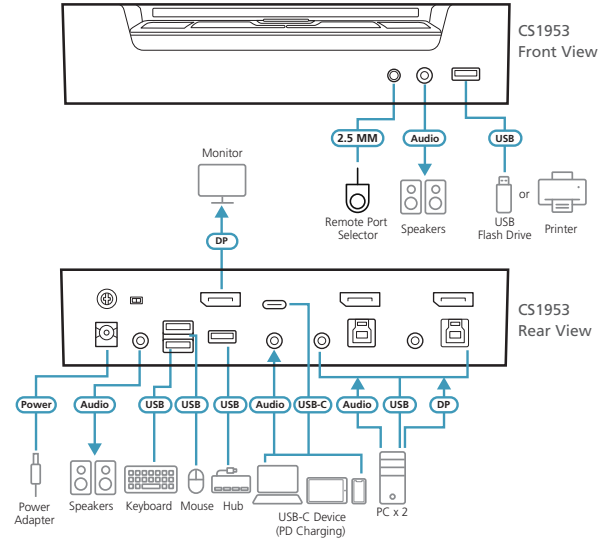


Features

- One USB keyboard, mouse and one DisplayPort monitor control two DisplayPort computers, one USB-C device and share two USB peripherals
- Supports superior video quality – up to 4K DCI (4096 x 2160 @ 60Hz)
- Provides USB Power Delivery 3.0 for USB-C device charging up to 45W¹
- Computer selection via pushbuttons, hotkeys, mouse², and remote port selector
- Built-in 2-port USB 3.1 Gen 1 hub with SuperSpeed 5 Gbps data transfer rates
- Supports DisplayPort Alternate Mode (DP Alt Mode) which enables the USB connection to carry DisplayPort signals
- DisplayPort 1.2 compliant; HDCP compliant³
- Independent switching of KVM, USB peripheral, and audio focus⁴
- Supports HD Audio⁴
- Supports DisplayPort Dual-Mode technology (DP++)⁵
- Firmware upgradeable
- Bus-powered⁶

Note:

1. An additional power adapter is needed on the CS1953 for USB-C device charging to work.
2. Mouse port switching is only supported under mouse emulation mode with a USB 3-button mouse wheel.
3. For DisplayPort 1.4 compliant display device, make sure to configure the device setting to be compatible with DisplayPort 1.2 to avoid compatibility issue.
4. HD audio through DisplayPort channel cannot be switched independently.
5. DisplayPort Dual-Mode technology (DP++) does not require an active adapter for most single display setups. Active DisplayPort adapters are recommended if you are unsure of the video source's DP++ compatibility.
6. The unit can be bus-powered by the connected KVM sources via USB ports.



Specifications

	CS1953
Computer Connections	3
Port Selection	Hotkey, Pushbutton, Mouse, Remote Port Selector
Connectors	
Console Ports	2 x USB Type-A Female, 1 x DisplayPort Female (Black), 2 x 3.5mm Audio Jack Female (Green; 1 x front, 1 x rear)
KVM (Computer) Ports	CPU1 and CPU2: 2 x USB 3.1 Gen 1 Type-B Female (Blue); 2 x DisplayPort Female (Black) 2 x 3.5mm Audio Jack Female (Green) CPU3: 1 x USB-C Female (Black); 1 x 3.5mm Audio Jack Female (Green)
Remote Port Selector	1 x 2.5mm Audio Jack Female
Power	1 x DC Jack
USB Hub	2 x USB 3.1 Gen 1 Type-A Female (Blue; 1 x front, 1 x rear)
Switches	
Selected	3 x Pushbutton
Mode Switch	1 x Slide Switch
LEDs	
KVM	3 (Orange)
Audio	3 (Green)
USB	3 (Green)
Emulation	
Keyboard / Mouse	USB
Video	Up to 4096 x 2160 @ 60Hz, 2560 x 1440 @ 144Hz
Scan Interval	1-99 seconds (Default: 5 sec.)
Power Consumption	DC 12V: 5.78W
Environmental	
Operating Temperature	0 – 40°C
Storage Temperature	-20 – 60°C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Metal, Plastic
Weight	0.50 kg
Dimensions (L x W x H)	20.63 x 7.54 x 4.40 cm

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