Simply Better Connections

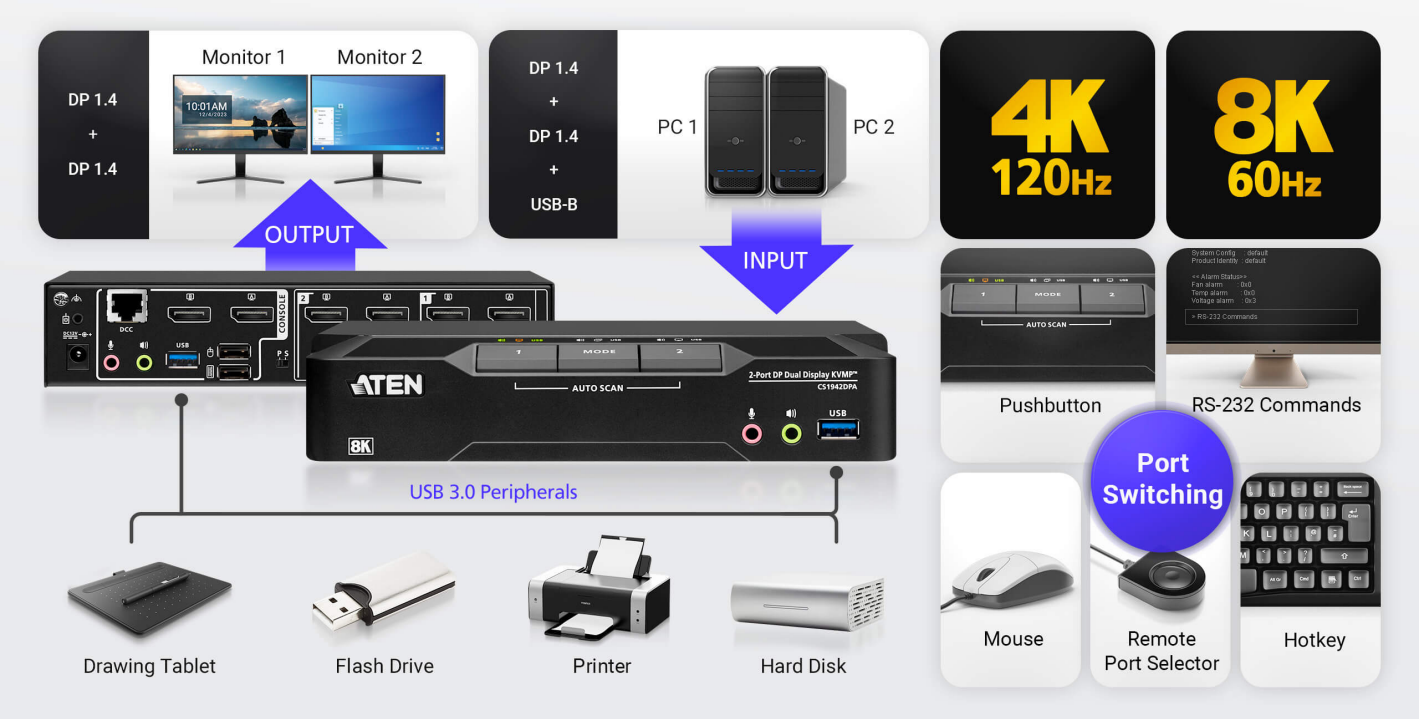
CS1942DPA

2-Port USB 3.0 8K DisplayPort Dual-Display KVMP™ Switch (Cables included)

2 DisplayPort PCs, 2 DisplayPort Displays, One KVM Console

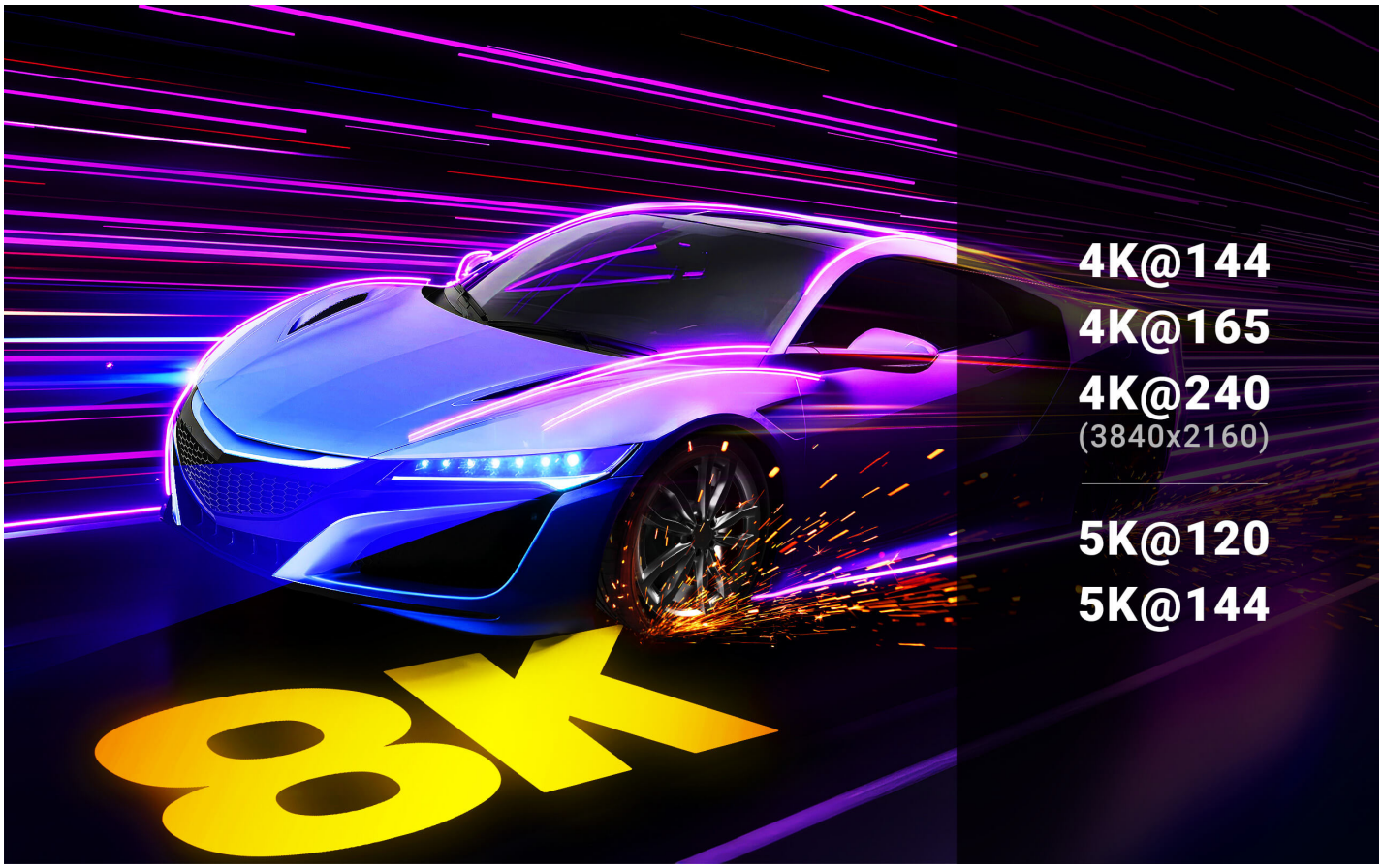
The CS1942DPA is a 2-port KVM switch that empowers you to switch between projects with ease on a 2-PC, dual-display desktop. With a single keyboard and mouse, you can maintain a tidy workspace while simplifying control of two DisplayPort computers across two DisplayPort displays. Whether you're a professional seeking a productivity booster for your daily office routines, a content creator, a hybrid worker, or someone looking for an immersive entertainment setup, the CS1942DPA is definitely your key to a workspace transformation.

Unlock your creativity at this multitasking KVM workstation with:
- A pristine visual experience up to 4K@120 and 8K@60
- Ultra-wide 21:9 and 32:9 aspect ratios for an expansive viewing experience
- A 2-port USB 3.0 hub for peripheral sharing, supporting up to 5 Gbps data transfer
- Multi-system compatibility with Windows, macOS, and Linux



Dual 8K HDR10+ Visuals with Ultra-Smooth Refresh Rates

Experience breathtaking visuals with 8K HDR10+ on a dual-display KVM console that brings every frame to life with richer brightness, deeper contrast, and more vibrant color. Leveraging advanced 8K bandwidth and ultra-smooth refresh rates at 4K 144/165/240 Hz and 5120 × 1440 at 120/144 Hz, this KVM switch ensures fluid, immersive visual performance – whether you're designing, editing, coding, or gaming.



USB 3.0 Peripheral Sharing

Media and data sharing between computers is effortless as a plug-and-play connection of any peripheral device (e.g. flash drive, printer, scanner, etc) to the USB 3.0 ports on the KVM switch, delivering SuperSpeed 5 Gbps performance.

Daisy-Chainable Quad-Display Desktop Transformation

Transform your desktop into a quad-display powerhouse by daisy-chaining two CS1942DPA KVM switches via their DCC ports. This multi-system KVM console empowers you to control up to four computers across four displays with just one keyboard and mouse. It's an extraordinarily helpful solution for streamlining any hybrid workflow where multitasking is essential.

Vast Screen Real Estate with 21:9 and 32:9

Level up your KVM console with support for 21:9 and 32:9 ultra-wide aspect ratios, unlocking expansive screen real estate that transforms how you work and manage multiple systems. With an ultra-wide display, complex workflows and multiple application windows can coexist on a single screen without bezels, allowing you to view, compare, and jump between them effortlessly – without juggling screens or constantly toggling layouts.

Flexible Port Switching

Port switching is quick and flexible via pushbuttons, hotkeys, mouse, RS-232 commands, or the remote port selector – whichever best fits your workflow. With independent switching, the focus of KVM, USB peripherals, or audio can be assigned to one computer while the others remain on another, enabling flexible operation across systems from a single KVM console.

Pushbutton

RS-232 Commands

Mouse

Remote Port Selector

Hotkey

All Accessories Included

Everything you need is included – 4 DisplayPort cables, 2 USB 3.0 A to B cables, 1 power adapter, and 1 remote port selector (wired switch button) – for instant setup.

Applications

The CS1942DPA is a productivity booster for multitasking on a powerful 2-PC, dual-display desktop within a comfy, tidy setup. With the flexibility to scale up to a quad-display KVM console, it further unlocks creativity to handle any hybrid workflow.

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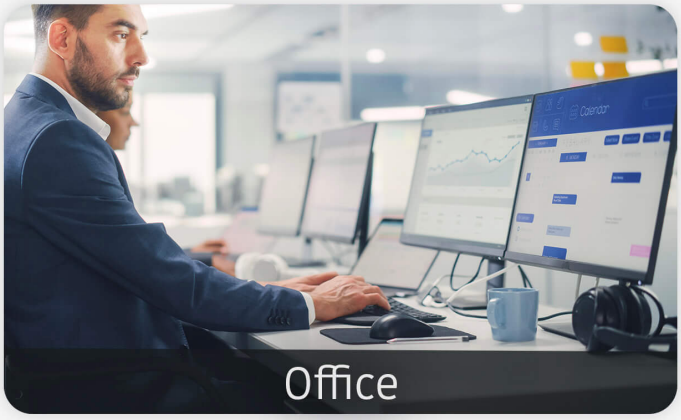

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First Name *

Last Name *

- Country *

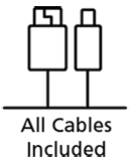
Company *

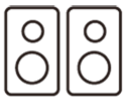
Email *

Phone Number

- Customer Type *

Job Title *





Features

- High-Performance Hardware and Display Capabilities
  - Supports Quad-Display by connecting two Dual-Display KVM switches
  - Superior video quality – up to 7680 × 4320 @ 60 Hz, 5120 × 2880 @ 60 Hz, and 4096 × 2160 @ 120 Hz
  - Two USB 3.1 Gen 1 ports with SuperSpeed 5 Gbps transfer rates
  - Supports DisplayPort Dual-Mode technology (DP++) [1]
  - Supports MST (Multi-Stream Transport) [2]
  - DisplayPort 1.4 compliant
  - HDCP compliant
  - Supports HDR 10+
  - Supports HD Audio [3]
  - Supports hot-plugging

- Comprehensive Management and Switching Controls
  - One USB keyboard and mouse control two or four DisplayPort computers and share two USB peripherals
  - Computer selection via pushbuttons, remote port selector, hotkeys, mouse [4], and RS-232 commands
  - Independent switching of KVM, USB, and Audio
  - Console keyboard/mouse emulation/bypass support
  - Power-on detection automatically switches to the next active computer
  - Firmware upgradable
  - Multilingual keyboard mapping – supports English, Japanese, French, and German keyboards [5]

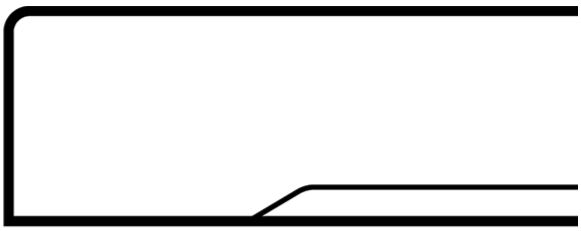
- Streamlined, Ready-to-Use Experience
  - Plug & play
  - All DisplayPort/USB cables and power adapter included for hassle-free installation – no extra purchases needed
  - Multiplatform support – Windows, Mac, and Linux

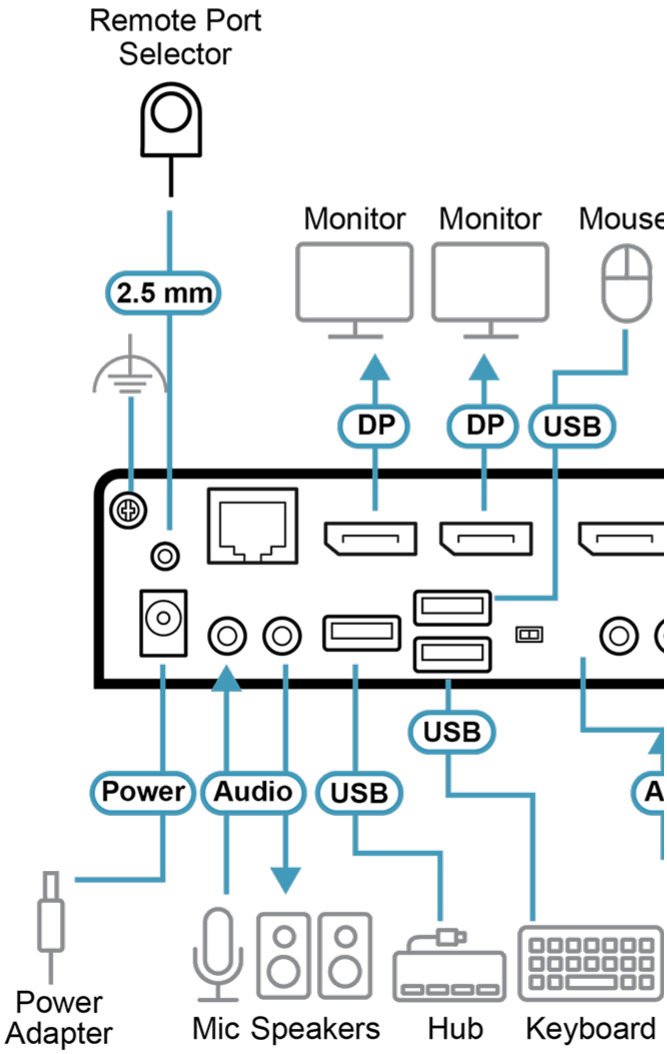
Note:
1. DP++ (DP Dual Mode) requires a DP++ adapter (powered DP++ adapter recommended). The graphics source must be DP++ compliant.
2. MST (Multi-Stream Transport) requires monitors capable of DisplayPort 1.4 daisy-chaining or the use of a powered DisplayPort MST hub. The PC source must be DisplayPort 1.4 compliant. A DisplayPort 1.1a or 1.2 display can be the last display in a DisplayPort 1.4 chain.
3. HD audio through HDMI cannot be switched independently.
4. For 3-button USB wheel mouse only. Mouse-port switching is supported only under mouse emulation mode.
5. PC keyboard combinations emulate Mac keyboards. Mac keyboards only work with Mac computers.

Specifications

Computer Connections	2
Port Selection	Hotkey, Pushbutton, Mouse wheel, RS-232 Commands, Remort port selector
Connectors	
Console Ports	2 x USB Type A Female 2 x DisplayPort Female (Black) 2 x 3.5mm Audio Jack Female (Green; 1 x front, 1 x rear) 2 x 3.5mm Audio Jack Female (Pink; 1 x front, 1 x rear)
KVM (Computer) Ports	2 x USB3.1 Gen1 Type B Female (Blue) 4 x DisplayPort Female (Black) 2 x 3.5mm Audio Jack Female (Green) 2 x 3.5mm Audio Jack Female (Pink)
Daisy Chain Ports	1 x RJ-45 Female
Power	1 x DC Jack
USB Hub	2 x USB3.1 Gen1 Type A Female (Blue; 1 x front; 1 x rear)
LEDs	
KVM	3 (Orange)
Audio	3 (Green)
USB Link	3 (Green)
Switches	
Selected	3 x Pushbutton
Station Selection	1 x Slide Switch
Emulation	
Keyboard / Mouse	USB
Video	Up to 7680 x 4320@60 Hz, 5120 x 2880@60Hz, 4096 x 2160@120Hz
Scan Interval	1-99 seconds (default: 5 seconds)
Power Consumption	DC12V:3.29W:109BTU/h Note: ● 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.
Environmental	
Operating Temperature	0–50°C
Storage Temperature	-20–60°C
Humidity	0-80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.47 kg (1.04 lb)
Dimensions (L x W x H)	20.00 x 7.18 x 4.30 cm (7.87 x 2.83 x 1.69 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram




Remote Port Selector
Monitor
Monitor
Mouse
2.5 mm
DP
DP
USB
USB
Power
Audio
USB
Power Adapter
Mic
Speakers
Hub
Keyboard

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