

2-Port Dual-Monitor DisplayPort KVM Switch, 8K 60Hz / 4K 144Hz, DP 1.4, 2x USB 10Gbps Ports, 4x USB HID Ports, Hotkey Switching, TAA Compliant

Product ID: P2CDD143-KVM-SWITCH



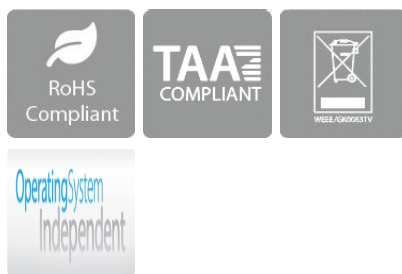
This dual-monitor KVM switch allows users to switch between two USB and DisplayPort-enabled desktops. It allows for sharing of dual-8K 60Hz DisplayPort monitors, a keyboard and mouse, and two USB 10Gbps devices.

This TAA-compliant KVM Switch supports dual 8K 60Hz DisplayPort monitors, making it ideal for working with high-resolution graphics or video. It also features two USB 3.2 Gen 2 (10Gbps) hub ports for fast data transfer, and four USB HID ports for the keyboard, mouse, and two additional USB peripherals.

USB emulation technology enables faster keyboard, video, and mouse switching compared to traditional KVMs. USB Emulation also ensures compatibility with combo keyboards/mice and keyboards featuring extra function keys.

This Universal KVM Switch offers hotkey or push-button switching options. Hotkeys allow for independent switching of audio, enabling audio playback from one computer while controlling the other. An audible buzzer confirms hotkey input, and LEDs provide a visual status of the selected host.

Certifications, Reports and Compatibility



Applications

- Share dual monitors, mouse, keyboard, and audio peripheral between two desktop computers
- Great for applications like CAD/CAM, video editing, and content creation

Features

- **DUAL 8K 60HZ WITH HDR:** Control two USB and DisplayPort-enabled desktops from a shared keyboard, mouse, audio device, and dual 8K 60Hz, 4K 144Hz, or 4K 120Hz DP 1.4 monitors; Supports HDR (up to 10-bit YCbCr 4:4:4); DSC required for maximum performance
- **FAST & COMPATIBLE SWITCHING:** USB Emulation enables fast switching of up to four USB HID devices between two desktops/workstations; USB Emulation ensures compatibility with combo keyboards/mice; Works with any operating system and all hardware platforms
- **2X FASTER DATA TRANSFER:** Two USB 3.2 Gen 2 (10Gbps) ports enable faster transfer speeds than USB Gen 1 (5Gbps) KVMs; Ideal for transferring large files or editing high-resolution photos/videos on external storage; 2x USB-C to USB-A 10Gbps cables included
- **MULTIPLE SWITCHING OPTIONS:** Universal KVM Switch can be controlled via push-buttons or hotkeys, with an audible buzzer providing confirmation; LEDs provide quick visual port selection status; Listen to audio from one computer, while controlling the other
- **DURABLE DESIGN:** Durable steel housing helps prevent Electro-Magnetic Interference (EMI) enhancing stability/reliability of the KVM; Sturdy construction is ideal for installation in various environments; 8kV Air/6kV Contact ESD protection; TAA Compliant

Hardware

Warranty	2 Years
Audio	Yes
KVM Ports	2
PC Interface	USB
PC Video Type	DisplayPort
Number of Monitors Supported	2
Rack-Mountable	No
Cables Included	Yes
Chipset ID	Genesys Logic - GL3590

Performance

On-Screen Display	No
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Video Revision	DisplayPort 1.4
IP Control	No
Hot-Key Selection	Yes
Maximum Data Transfer Rate	10Gbps
Maximum Digital Resolutions	8K 60Hz
Wide Screen Supported	Yes
Audio Specifications	DisplayPort - 2 Channel Audio Analog Stereo - 2 Channel Audio
Auto Scan	3, 8, 15 & 30 seconds
Maximum Number of Users	1
Port Selection Support	Push Button and Hotkeys
MTBF	168,000 Hours

Connector(s)

Console Interface(s)	2 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps) 2 - DisplayPort 4 - USB Type-A (4 pin; HID Port) USB 1.1 1 - 3.5mm Stereo Female 3 pos 1 - M-Type Barrel (Inner Diameter: 2.1 mm, Outer Diameter: 5.5 mm)
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Software

OS Compatibility	No Drivers or Software Required
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Special Notes / Requirements

System and Cable Requirements	A host that supports DisplayPort 1.4 and DSC is required for maximum video performance A host that supports USB 3.2 Gen 2 (10Gbps) is required for maximum transfer speeds using the USB hub ports
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Indicators

LED Indicators	1 - PC LED: Solid Green when a Host Connection is detected Blinking Green when a Host connection is not detected 1 - Hub LED: Solid Red when the PC Port is selected
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	1A
Output Voltage	12V DC
Output Current	3A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	36W

Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 60C (14F to 140F)
Humidity	0% ~ 80% RH (non-condensing)

Physical Characteristics

Color	Black
Material	Metal
Product Length	6.3 in [16.0 cm]
Product Width	3.9 in [10.0 cm]
Product Height	2.4 in [6.0 cm]
Weight of Product	1.7 lb [0.8 kg]

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