

2-Port Dual-Monitor DisplayPort KVM Switch, RS232 Serial Control, 4K 60Hz, 2x USB 5Gbps Hub Ports, 2x USB 2.0 HID Ports, Hotkey/Pushbutton Switching, TAA Compliant

Product ID: P2DD46A22-KVM-SWITCH



This Dual-Monitor KVM Switch enables users to switch between two desktops that are USB-A and DisplayPort enabled. It allows for sharing of dual-4K 60Hz DisplayPort monitors, a keyboard and mouse, two USB 5Gbps devices, and two USB 2.0 HID devices.

This 2-Port KVM Switch provides control using serial commands, enabling users to switch between host ports, modify hotkeys, and perform various other functions. The RS232 host ports offer additional flexibility by allowing the switching of an RS232 device between two desktop computers.

DisplayPort EDID and USB Emulation technology enable near-instant switching of a keyboard, video, and mouse. DisplayPort EDID emulation remembers application window placement, while USB Emulation ensures compatibility with combination keyboards/mice, as well as keyboards featuring additional function keys.

This TAA-Compliant KVM Switch supports dual-4K 60Hz DisplayPort monitors, making it an ideal choice for working with high-resolution graphics or video. It also features MST pass-through, enabling the connection of additional monitors through daisy chaining - when using an MST Hub or the Video Output Ports located on the monitor.

This Universal KVM Switch offers multiple switching options, including hotkey, on-screen display, or push-button switching. Hotkeys provide independent switching of USB/Video, Audio, and RS232, allowing for audio playback from one computer while controlling the other or switching without interrupting serial communication. An audible buzzer confirms hotkey input, and LEDs provide a visual indication of the selected host.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

- Advanced Windows Layout Utility: Setup and save custom windows layouts.
- MAC Address Pass-Through Utility: Improve network security.

- USB Event Monitoring Utility: Track and log connected USB devices.
- Wi-Fi Auto Switch Utility: Enable users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit:
www.startech.com/connectivity-tools

Certifications, Reports and Compatibility



Applications

- Switch dual displays, mouse, keyboard, serial, and audio peripherals between two desktop computers
- Great for applications like CAD/CAM, video editing, and content creation

Features

- RS-232 SERIAL CONTROL: Control this 2-Port KVM Switch using serial commands, allowing for switching of host ports, changing hotkeys, and more; Additional DB9 pass-through ports allow the switching of an RS-232 device between two desktop computers
- NEAR INSTANTANEOUS SWITCHING: DisplayPort and USB Emulation enabling seamless switching of a keyboard, video, and mouse between two desktops; EDID Emulation retains window placement while switching; USB Emulation enables combo keyboard/mouse compatibility
- CUSTOMIZABLE SWITCHING: Universal KVM features push-button and hotkey switching; Independent switching of Video, RS-232, and Audio; Listen to audio from one computer while controlling the other, or switch without interrupting RS-232 Serial communication
- DUAL 4K 60HZ MONITORS: KVM Switch supports dual-4K 60Hz DisplayPort monitors, making it ideal for high-resolution applications such as CAD/CAM, video editing, and content creation; Supports MST Pass-through to daisy chain additional monitors
- UNIVERSAL COMPATIBILITY: TAA Compliant KVM Switch works with any operating system including Windows, macOS, and Linux; Compatible with all hardware platforms such as Intel and AMD

General

UPC	065030900485
Warranty	2 Years

Special Notes / Requirements

Special Notes	The DisplayPort source device must support multi-stream transport (MST) for MST Pass-through to work
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	1 A
Output Voltage	12V DC
Output Current	3
Center Tip Polarity	Positive
Plug Type	N
Power Consumption	0.1 W

Physical & Environmental

Color	Black
Material	Steel
	Nickel-plated Zinc
Product Length	10.0 in [255.0 mm]
Product Width	5.1 in [130.0 mm]
Product Height	1.6 in [40.0 mm]
Weight of Product	37.9 oz [1073.0 g]
Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	0% ~ 90% RH (non-condensing)

Performance

Maximum Data Transfer Rate	5Gbps
IP Control	No

Hot-Key Selection	Yes
Port Selection Support	Push Button, Hotkeys, and OSD (On Screen Display)
On-Screen Display	Yes
Auto Scan	10, 20, 30, 40, 50, and 60 seconds
MTBF	80,907 Hours
Audio Specifications	DisplayPort - 2 Channel Audio Analog Stereo - 2 Channel Audio
Maximum Digital Resolutions	3840 x 2160 60Hz
Video Revision	DisplayPort 1.2

Hardware

CAC Support	No
Audio	Yes
Number of KVM Ports	2
Supported Platforms	USB 3.2 Gen 1 (5Gbps)
PC Video Type	DisplayPort
Number of Monitors Supported	2
Rack-Mountable	No
Cables Included	No
Cascadable	No
LED Indicators	2 - Solid Orange: Port Selected

Packaging & In-the-Box

Included in Package	1 - KVM Switch 1 - Power Supply 1 - Quick-Start Guide
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Package Width	11.3 in [286 mm]
Package Depth	11.9 in [301 mm]
Package Height	3.2 in [81 mm]
Shipping (Package) Weight	55.8 oz [1582 g]

Connector(s)

Host Connector 1 (Quantity)	4
Host Connector 1	DisplayPort
Host Connector 2 (Quantity)	2
Host Connector 2	USB-B (5Gbps, 4.5W)
Host Connector 3 (Quantity)	4
Host Connector 3	3.5mm (3 Conductors, TRS)
Host Connector 4 (Quantity)	2
Host Connector 4	DB-9 Serial
Connector 1 (Quantity)	2
Connector 1	DisplayPort
Connector 2 (Quantity)	2
Connector 2	USB-A (480Mbps, 2.5W)
Connector 3 (Quantity)	2
Connector 3	USB-A (5Gbps, 4.5W)
Connector 4 (Quantity)	2
Connector 4	3.5mm (3 Conductors, TRS)
Connector 5 (Quantity)	1
Connector 5	DB-9 Serial
Connector 6 (Quantity)	1

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