4-Port Dual-Monitor DisplayPort KVM Switch, 4K 60Hz, 2x USB 5Gbps Hub Ports, 2x USB 2.0 HID Ports, Hotkey and Push-Button Switching, TAA Compliant - 3.5mm Audio, HDCP

Product ID: P4DD46A2-KVM-SWITCH



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

USB Emulation technology enables faster switching of a keyboard, video, and mouse compared to traditional KVMs. USB Emulation also 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 ideal for working with high-resolution graphics or video. Additionally, it offers two USB 3.2 Gen 1 (5Gbps) Hub Ports for fast data transfer, and two USB 2.0 HID Ports for the keyboard and mouse. 8kV air and 6kV contact Electrostatic Discharge (ESD) protection.

This Universal KVM Switch provides various switching options, including hotkey or push-button switching. Hotkeys allow for independent switching of USB/Video and Audio, enabling audio playback from one computer while controlling another. An audible buzzer confirms hotkey input, and LEDs provide a visual status 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

• Share dual displays, mouse, keyboard, and audio peripherals between four desktop computers

• Great for CAD/CAM, video editing, and content creation applications

Features

• FAST SWITCHING: USB Emulation enables fast switching of a keyboard, video, and mouse between four DisplayPort/USB-A enabled desktops; USB Emulation ensures compatibility with combo keyboards/mice, as well as keyboards featuring additional function keys

• DUAL 4K 60HZ & USB 5GBPS: TAA Compliant DisplayPort 1.2 KVM Switch supports up to two 4K 60Hz DisplayPort monitors with two USB 3.2 Gen 1 (5Gbps) Hub Ports and two USB 2.0 HID Ports; Ideal for CAD/CAM, video editing, and content creation applications

• 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 another

• DURABLE DESIGN: A durable steel housing helps prevent Electro-Magnetic Interference (EMI) enhancing stability and reliability of the KVM; Sturdy construction makes it ideal for installation in a variety of environments; 8kV Air/6kV Contact ESD protection

• OUR ADVANTAGE: Included connectivity tools for IT Pro's and IT help-desk support teams with USB Event Monitoring for logging USB device connections with timestamps, and Windows Layout to restore windows locations upon switching hosts

Hardware

Warranty	2 Years
Audio	Yes
KVM Ports	4

PC Interface	USB 3.2 Gen 1 (5Gbps)
PC Video Type	DisplayPort
Number of Monitors Supported	2
Rack-Mountable	No
Cables Included	No
Daisy-Chain	No

Performance

On-Screen Display	No
Video Revision	DisplayPort 1.2
IP Control	No
Hot-Key Selection	Yes
Maximum Data Transfer Rate	5Gbps
Maximum Cable Length	24.6 ft [7.5 m]
Maximum Digital Resolutions	3840 x 2160 60Hz
Supported Resolutions	3840x2160 @60Hz
	2560x1440 @60Hz
	1920x1200 @60Hz
	1920x1080 @60Hz
	Other resolutions and refresh rates may be supported
Audio Specifications	DisplayPort - 2 Channel Audio
	Analog Stereo - 2 Channel Audio
Auto Scan	10, 20, 30, 40, 50, and 60 seconds
Port Selection Support	Push Button and Hotkeys
MTBF	103,062 Hours

Connector(s)

Console Interface(s)	2 - DisplayPort

		2 - USB Type-A (9 pin, 5 Gbps)
		2 - USB 2.0 Type-A (4 pin, 480Mbps)
		2 - 3.5mm Stereo Female 3 pos
		1 - Barrel Power Connector (Size N, OD: 5.5, ID: 2.5)
	Host Connectors	8 - DisplayPort
		4 - USB 3.2 USB Type-B (9 pin, Gen 1, 5 Gbps)
		8 - 3.5mm Stereo Female 3 pos
Software		
	OS Compatibility	No Drivers or Software Required
Indicators		
	LED Indicators	4 - PC LED: Solid Green when a host connection is detected. Blinking Green when a host connection is not detected
		4 - Hub LED: Solid Red when the PC port is selected
Power		
	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	1 A
	Output Voltage	12V DC
	Output Current	3 A
	Center Tip Polarity	Positive
	Plug Type	N
	Power Consumption (In Watts)	0.1 W
Environmental		
	Operating Temperature	0C to 50C (32F to 122F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	0% ~ 90% RH (non-condensing)

Physical Characteristics		
	Color	Black
	Material	Steel
	Product Length	10.0 in [25.3 cm]
	Product Width	3.9 in [10.0 cm]
	Product Height	2.6 in [6.6 cm]
	Weight of Product	2.2 lb [1.0 kg]
Packaging Information		
	Package Quantity	1
	Package Length	13.1 in [33.2 cm]
	Package Width	6.4 in [16.2 cm]
	Package Height	5.1 in [12.9 cm]
	Shipping (Package) Weight	3.3 lb [1.5 kg]
What's in the Box		
	Included in Package	1 - KVM Switch
		1 - Universal Power Adapter (NA/JP, EU, UK, NZ)
		1 - Quick-Start Guide

Product appearance and specifications are subject to change without notice.