

2-Port USB 3.0 8K DisplayPort KVM Switch

The 2-Port USB 3.0 8K DisplayPort KVM Switch has a high quality and durability system to control two computers from one console of DP monitor, 2.1 surround sound audio, keyboard & mouse; shares with two USB 3.0 hubs.

This KVM switch was rigorously tested with the most popular OS including Windows®, Linux® and Mac computers. It features 8K video resolution and allows users to access two 8K-enabled computers from a single USB keyboard & mouse, and DisplayPort video console.

Feature

- Supports USB 3.0 hub and 2.1 surround sound audio
- Fully compliant with DisplayPort 1.4 HBR3, HDCP 2.3, HDR, DPCP; Supports DisplayPort Dual Mode (DP++) for direct output single-link DVI or HDMI signals via a powered DisplayPort-to-HDMI/DVI adaptor
- Supports UHD resolutions up to 7680 X 4320 @60Hz & 3840 X 2160 @144Hz 4:2:2 10bit; Supports 8K @60Hz (max. length: 2m in; 10m out) ; 4K @144Hz (max. length: 2m in; 10m out)
- Supports Multi-Stream Transport (MST): displaying on multiple monitors/screen wall; Supports data rates up to 8.1 Gbps / lane or 32.4 Gbps total; Supports audio 32 Ch up to 1536 kHz sample rate
- Hosts selectable by Port selection pushbutton or hotkey
- Supports multimedia keyboards; wireless keyboards and mice; Mac/Sun keyboards etc.
- Console mouse port emulation/bypass feature supports most mouse drivers and multifunctional mice
- Compatible with widescreen LCD monitors
- Power on detection – either one of the computers is powered off, enables the KVM switch automatically switching to the other computer
- Supports 2.1 stereo audio out; Supports HD audio through DisplayPort playback.
- Provides USB 3.0 hub or audio out switching in independent method or combination with the host switching (USB HUB or audio Auto-Switch mode).
- Auto-Scan function (Time interval can be adjusted between 5~999 seconds when the Auto-Scan function is enabled)
- Firmware upgradable
- The USB 3.0 downstream ports comply with USB Battery Charging Spec 1.2; and enable to provide up to 1.5A (CDP mode) output current on each port
- Enables Port selection pushbutton switching computer by its LED color changing (Green/White)

Specification

Model No.	KVM-U3DP-V1	
Number Of Computer Controlled	2	
Selection Method	Port Selection Pushbutton / Hot Key	
LEDs	Host Selected LED (Amber) x 2	
	Port Selector LED (Green/White) x 1	
Compliant with USB Version	USB 1.1 / USB 2.0 / USB 3.0	
Compliant with HID Version	USB HID 1.11	
PC Connectors	Video	2 x DisplayPort 20-pin female
	USB	2 x USB 3.0 Type B female
	Speaker	2 x Audio Jack Female (Green)

Console port	Video	1 x DisplayPort 20-pin female
	Mouse	1 x USB Type A female
	Keyboard	1 x USB Type A female
	Speaker	1 x Audio Jack Female (Green)
	Selector	1 x Audio Jack Female (Black)
USB Downstream ports		2 x USB 3.0 Type A female
Auto-Scan Interval		5~999 sec (default 20 sec)
Operating system supported		Windows, Mac, Linux*
Cable Length	USB 3.0	1.5m
	DP 1.4	
	Audio	
	Port Selector	1.8m
Connecting length based on 8K@60Hz	Input	≤2m
	Output	≤10m
Power mode		External power
Power Supply		DC5V 4A
Operating Temperature		0°C to 50°C
Storage Temperature		-20°C to 60°C
Humidity		0% - 80% RH (Non-condensing)
Housing		Aluminum
Dimensions (LxWxH)		170 x 74 x 30mm

