2-Port DisplayPort/USB KVM Switch - 4K 60 Hz, HDR, HDCP 2.2, IR, DP 1.4, USB Sharing, USB 3.0 Cables

MODEL NUMBER: **B005-DPUA2-K**

Controls 2 DisplayPort-enabled desktop or notebook computers using one centralized DisplayPort or HDMI monitor and USB keyboard/mouse.

Features

Connects 2 DisplayPort-Enabled Devices to a Single Monitor, Keyboard and Mouse This KVM switch lets you access, control, boot and reboot two computers with DisplayPort connectors and switch between them. In addition to desktop and notebook computers, the switch also connects up to two media centers, video game systems, Blu-ray and DVD players, cable and satellite boxes, DVRs and other DisplayPort-enabled devices. Both computers share one monitor, USB keyboard and USB mouse, which saves space on your desk or workspace.**Supports DisplayPort++ for Connecting an HDMI or DisplayPort Monitor**The B005-DPUA2-K supports DP++, allowing incoming DisplayPort signals to be converted to HDMI. It features one DisplayPort output and one HDMI output, though only one monitor may be used at a time.**Switching Between Computers Is Fast and Easy**Use the front-panel push buttons, hotkey commands, mouse movement or the included IR remote control for quick and easy toggling between computers. You can also use the Auto Scan feature to scan all connected computers in five-second intervals automatically. LEDs indicate which computer is currently selected. Please note: Mouse Traversal is a permanent feature and cannot be disabled.**USB Cables Are Included to Facilitate a Simple Setup**Use the included USB 3.0 cables to connect your computers to the KVM switch. The plug-and-play B005-DPUA2-K requires no drivers, so you can connect and use it immediately. It works with all major operating systems, including Windows, macOS and Linux.**USB Hub Lets You Share Peripherals between Computers**Two USB 3.0 hub ports allow you to share USB peripherals, such as printers, hard drives, scanners, webcams and flash drives, between both connected computers. The ports support USB 3.0 data transfer speeds up to 5 Gbps and are backward compatible with earlier USB generations.**Transmits Crystal-Clear True 4K Video with HDR and 4:4:4 Color**The B005-DPUA2-K supports Ultra HD resolutions up to 4096 x 2160 (4K x 2K) at 60 Hz, as well as HDR video, providing a wide range of vibrant colors with richer contrast, brighter whites and deeper blacks that pop on your 4K display. HDCP 2.2 compliance allows you to stream 4K Amazon and Netflix content with no complications. This KVM switch also supports 4:4:4 chroma subsampling for top-level PC gaming or using your HDTV as a PC monitor.**Designed for Convenient Mounting with Included Brackets**The heavy-duty metal housing comes with mounting brackets for permanent installation on a wall or beneath a desk with user-supplied hardware. The included DC power supply connects to any standard AC power source.

Highlights

- Supports UHD resolutions up to 4K @ 60 Hz (4:4:4) for crystal-clear video
- Carries High Dynamic Range (HDR) signals for expanded color accuracy
- Dual-mode DisplayPort (DP++) support allows connection of a local HDMI display
- Dual USB 3.0 hub ports let you share USB peripherals among connected computers
- Push buttons, hotkeys and included IR remote allow easy toggling between computers

Applications

- Share a keyboard, mouse and screen with 2 computers
- Connect 2 gaming consoles, media centers or other A/V devices for a home theater system with 4K resolution
- Save money and space by sharing USB peripherals, such as a printer and external hard drive, between 2 connected computers

System Requirements

- Console with DisplayPort or HDMI monitor, USB keyboard/mouse and (optional) speakers with 3.5 mm connectors
- Computers with DisplayPort connector, USB-A port and (optional) 3.5 mm audio jack
- Windows, macOS or Linux operating system

Package Includes

- B005-DPUA2-K 2-Port DisplayPort/USB KVM Switch
- IR extender
- IR remote control
- (2) USB 3.0 A-to-B cables (M/M)
- External power supply (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V 3A). Included Interchangeable Plug Adapters (US, UK, EU & Australia).
- Mounting brackets
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332254887
Max CPU	2
Technology	DisplayPort; HDMI; USB 2.0 (High Speed)

VIDEO	
Number of Monitors Supported	1
Max Supported Video Resolution	4K x 2K (4096 x 2160) @ 60 Hz (HDMI and DisplayPort)
Max Number of Ports (Entire Chain)	2
Extended Mode	Yes
Mirror Mode	Yes
Max Supported Color Depth	36-bit Deep Color
HDR Support	Yes
3D Video Supported	Yes
Chroma Sub Sampling	4:2:0; 4:2:2; 4:4:4

AUDIO	
Audio Specification	7.1 Surround Sound

INPUT	
Electrical Consumption (Max)	15W(5V/3A)
AC Power Adapter Plug(s)	AS/NZS 3112 Australia; BS 1363 UK; CEE 7/16 Schuko; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.6A
AC Power Adapter Output Specs (V / A)	5V / 3A
AC Power Adapter Cord Length (ft.)	4
AC Power Adapter Cord Length (m)	1.2
Nominal Input Voltage Description	Rate Frequency:50/60Hz
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Voltage Compatibility (VDC)	4.75 - 5.4
Input Frequency	50/60Hz
Bus Powered	No

POWER	

Power Source Type	AC Adapter
DC Barrel Plug	OD: 5.5 x 2.5 x 16.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	15.00

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Red (Connection to Power), Green (Online), Blue (Selected Port)

PHYSICAL

Color	Black
Material of Construction	Metal
Cable Jacket Color	Black
Total Number of Ports	18
Rackmountable	No
Shipping Dimensions (hwd / in.)	2.56 x 9.06 x 7.89
Shipping Dimensions (hwd / cm)	6.50 x 23.01 x 20.04
Shipping Weight (lbs.)	2.00
Shipping Weight (kg)	0.91
Unit Dimensions (hwd / in.)	1.020 x 7.010 x 2.950
Unit Dimensions (hwd / mm)	26 x 178 x 75
Unit Packaging Type	Box

ENVIRONMENTAL

Operating Temperature Range	32° to 113°F (0° to 45°C)
Storage Temperature Range	14° to 176°F (-10° to 80°C)
Relative Humidity	10% to 85% RH, Non-Condensing
Operating Temperature	32° to 122°F (0° to 50°C)
Operating Humidity Range	10% to 85% RH (No Condensation)
Storage Humidity Range	5% to 90% RH (No Condensation)
Power Provided to Connected Device(s)	10W
ESD Protection	+/- 8kV (air-gap discharge) & +/- 4kV (contact discharge)

COMMUNICATIONS

Hotkey	Yes
IP Remote Access	No
IR Remote Extension Support	Yes

CONNECTIONS

Number of Ports	2
Daisy-Chain Port	No
Firmware Upgrade Port	No
PC/Server Connections	DisplayPort; HDMI
Side A - Connector 1	(3) 3.5MM (FEMALE)
Side A - Connector 2	(2) USB 3.0 A (FEMALE)
Side B - Connector 1	(2) USB A (FEMALE)
Side B - Connector 2	HDMI (FEMALE)
Side B - Connector 3	(3) DISPLAYPORT (FEMALE)
Side B - Connector 4	(2) USB 3.0 B (FEMALE)
Side B - Connector 5	(6) 3.5MM (FEMALE)
Side B - Connector 6	3.5mm x 1.35mm (5V DC Barrel)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	Displayport
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	Displayport
Connector Plating	Nickel

FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	4
USB Specification	USB 2.0 (up to 480 Mbps); USB 3.0 (up to 5 Gbps)
NIAP-Certified Secure	No
Number of Users	1
Autoscan (Y,N)	Y
Port Selection	Hotkey; Mouse; Pushbutton; Remote Selector
Displayport Specification	1.4
HDCP Specification	1.4; 2.2
Driver Required	No
Autoscan Duration	5 to 999 seconds
Common Access Card (CAC) Support	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	CCC; UL; cUL

Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty