16-Port 4K HDMI/USB KVM Switch - 4K 60 Hz Video/Audio, USB Peripheral Sharing, 1U Rack-Mount

MODEL NUMBER: **B024-H4U16**

Controls up to 16 computers and 2 USB peripherals using one centralized 4K HDMI monitor and USB keyboard/mouse.

Features

Connects 16 HDMI-Enabled Devices to a Single 4K Monitor, Keyboard and Mouse
This rack-mount KVM switch lets you access, control, boot and reboot up to 16 computers or other devices with 4K HDMI ports at the same time. In addition to desktop and notebook computers, the switch also connects up to 16 4K media centers, gaming systems, Blu-ray and DVD players, cable and satellite boxes, DVRs and other HDMI-enabled devices. All 16 computers share one 4K HDMI monitor, USB keyboard and USB mouse, which saves space on your desk or workspace.

Connect up to 256 Computers to One Original Console
You can also cascade up to two levels of B024-H4U16 KVM switches, allowing centralized access to as many as 256 computers using a single monitor, keyboard and mouse.

Switching Between Computers Is Fast and Easy
Use the front-panel push buttons, hotkey commands or multi-lingual On-Screen Display (OSD) with text-based interface for quick and easy toggling between computers. Or you can use Auto Scan mode to scan all connected computers in five-second intervals automatically. Orange LEDs indicate which computer is currently selected.

Cables Are Included for Fast and Simple Setup
Connect your 4K HDMI monitor, keyboard, mouse, and speakers to the switch's console ports. Then, use the included 4K HDMI/USB KVM cable kits to connect your computers to the KVM switch. The plug-and-play B024-H4U16 requires no drivers, so you can connect and use it immediately. It works with all major operating systems, including Windows, Mac, Linux, UNIX and Novell.

USB Hub Lets You Share Peripherals between Computers
The built-in USB 3.2 Gen 1 hub allows you to share two USB-A peripherals, such as printers, hard drives, scanners, webcams and flash drives, between all connected computers. Both USB ports support data transfer speeds up to 5 Gbps. Because the USB ports operate independently, you can print documents from one computer while working on a different computer. The hub is backward compatible with previous USB generations. Green LEDs indicate which computer is using the connected USB device.

Highlights

- Supports true 4K resolutions up to 4096 x 2160 (@ 60 Hz) for crystal-clear video
- Cascade up to 2 levels to control as many as 256 computers from a single console
- 2-port USB 3.2 Gen 1 hub lets you share USB peripherals among connected computers
- Push buttons, hotkeys and on-screen display allow easy toggling between computers
- Widely compatible KVM switch works with Windows, Mac and Linux operating systems

System Requirements

- Console with 4K HDMI monitor, USB keyboard/mouse and (optional) speakers with 3.5 mm connectors
- Computer with 4K HDMI port, USB-A port and (optional) 3.5 mm audio jack
- Windows, Mac, Linux, UNIX or Novell operating system

Package Includes

- B024-H4U16 16-Port HDMI/USB KVM Switch, 1U
- (2) 4K HDMI/USB KVM cable kits, 6 ft.
- Firmware upgrade cable, 6 ft.
- External power supply (Input: 100–240V, 50/60 Hz, 1.4A; Output: 12V 5A)
- (3) International power cords (North America, Europe, U.K.)
- (4) Rubber feet
- Rack-mounting hardware
- Quick Start Guide

Transmits True 4K Video and Digital Audio
The B024-H4U16 supports Ultra HD video resolutions up to 4096 x 2160 at 60 Hz with 2.1-channel surround sound audio. With independent audio switching, you can listen to music or other audio from one computer while working on a different computer. The front-panel audio jack has priority over the rear-panel jacks.

Stack Units to Expand Your Workstation and Enhance Your Productivity
Stack as many as eight B024-H4U16 KVM switches to take advantage of multi-display mode. Depending on the number of stages in your stack, your installation may offer dual-display, triple-display, quad-display or multi-display scenarios, up to eight stages.

Designed for Convenient Mounting with Included Hardware
The heavy-duty metal housing comes with mounting hardware for 1U installation in an EIA-standard 19-inch rack. It also allows desktop deployment on included rubber feet that help prevent the unit from sliding. The included power supply comes with international power cords for connecting to an AC power source.

TAA-Compliant for GSA Schedule Purchases
The B024-H4U16 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332269249
Max CPU	16
Technology	HDMI; Stereo Audio; USB 3.x

VIDEO	
Number of Monitors Supported	1
Max Supported Video Resolution	HDMI: 4096 x 2160 @ 60Hz
Max Number of Ports (Entire Chain)	256
Extended Mode	No
Mirror Mode	No

AUDIO	
Audio Specification	2.1 Channel Surround Sound

INPUT	
AC Power Adapter Plug(s)	BS 1363 UK; IEC-320-C14; NEMA 1-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 1.4A
AC Power Adapter Output Specs (V / A)	12V / 5A
AC Power Adapter Cord Length (ft.)	4
AC Power Adapter Cord Length (m)	1.2

Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Bus Powered	No
Product Length (in.)	17.02
Product Length (cm.)	43.24
Product Length (ft.)	1.42
Product Length (m.)	0.43

POWER

Power Source Type	AC Adapter with detachable power cord
DC Barrel Plug	OD: 5.5 x 2.5 x 9.5mm, Positive Pin, Negative Sleeve
Power Consumption (Watts)	9.77

USER INTERFACE, ALERTS & CONTROLS

LED Indicators	Orange x16 (Selected Port); Green x1 (Power); Green x16 (USB Link)

PHYSICAL

Color	Black
Material of Construction	Metal
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	5.24 x 19.65 x 12.76
Shipping Dimensions (hwd / cm)	13.31 x 49.91 x 32.41
Shipping Weight (lbs.)	12.39
Shipping Weight (kg)	5.62
Unit Dimensions (hwd / in.)	17.020 x 8.440 x 1.730
Unit Dimensions (hwd / cm)	43.24 x 21.43 x 4.40 cm
Unit Packaging Type	Box
Unit Weight (lbs.)	7.8
Unit Weight (kg)	3.54

ENVIRONMENTAL

Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	0% to 80% RH, Non-Condensing
Operating Temperature	32° to 104°F (0° to 40°C)
BTUs	88

COMMUNICATIONS

Hotkey	Yes
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No

CONNECTIONS	
Number of Ports	16
Computer/Server Ports	HDMI, USB, 3.5mm Audio Jack (Audio)
Daisy-Chain Port	No
Firmware Upgrade Port	Yes
PC/Server Connections	HDMI
Side A - Connector 1	HDMI (FEMALE)
Side A - Connector 2	(2) USB A (FEMALE)
Side A - Connector 3	3.5MM (FEMALE)
Side B - Connector 1	(16) HDMI (FEMALE)
Side B - Connector 2	(16) USB B (FEMALE)
Side B - Connector 3	(16) 3.5MM (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	HDMI

PORT EXPANSION	
Daisy-chainable or Cascadable	Cascadable

FEATURES & SPECIFICATIONS	
USB Hub Ports	Yes
Number of USB Hub Ports	2
USB Specification	USB 2.0 (up to 480 Mbps); USB 3.1 Gen 1 (up to 5 Gbps)
NIAP-Certified Secure	No
Number of Users	1
On-Screen Display (OSD)	Yes
Port Selection	Hotkey; OSD; Pushbutton
HDCP Specification	2.2
Driver Required	No

STANDARDS & COMPLIANCE	
External Power Supply Certifications	C-Tick; CCC; CE; China RoHS; DOE; GS; LPS; RoHS; TUV; UL; WEEE; cUL
Product Certifications	NOM (Mexico)

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