16-Port HDMI/USB KVM Switch with Audio/Video and USB Peripheral Sharing, 1U Rack-Mount

MODEL NUMBER: **B024-HU16**







Controls up to 16 HDMI-enabled laptop or notebook computers using one centralized HDMI monitor and USB keyboard/mouse.

Features

Connects 16 HDMI-Enabled Devices to a Single HDMI Monitor, Keyboard and Mouse This rack-mount KVM switch lets you access, control, boot and reboot up to 16 computers or other devices with HDMI ports at the same time. In addition to desktop and notebook computers, the switch also connects up to 16 media centers, gaming systems, Blu-ray and DVD players, cable and satellite boxes, DVRs and other HDMI-enabled devices. All 16 computers share one 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-HU16 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 pushbuttons, 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 HDMI monitor, keyboard, mouse, and speakers to the switch's console ports. Then, use the included HDMI and USB cables to connect your computers to the KVM switch. The plug-and-play B024-HU16 requires no drivers, so you can connect and use it immediately. It works with all major operating systems, including Windows, Mac and Linux.

USB Hub Lets You Share Peripherals between Computers The built-in two-port USB 2.0 hub allows you to share USB peripherals, such as printers, hard drives, scanners, webcams and flash drives, between all connected computers. 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 USB 1.1 devices. Green LEDs indicate which computer is using the connected USB device.

Transmits Crystal-Clear 1080p Video and Digital Audio The B024-HU16 supports high-definition video resolutions up to 1920 x 1200 (including 1080p) at 60 Hz, 2.1-channel surround sound audio and USB 2.0 data transfer rates up to 480 Mbps. 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 jacks have priority over the rear-panel jacks.

Highlights

- Supports HD resolutions up to 1920 x 1200 (@ 60 Hz) for crystal-clear 1080p video
- Cascade up to 2 levels to control as many as 256 computers from a single console
- Built-in 2-port USB 2.0 hub lets you share USB peripherals among connected computers
- Pushbuttons, hotkeys or on-screen display allow easy toggling between computers
- Widely compatible KVM switch works with Windows, Mac and Linux operating systems

Applications

- Share the keyboard, mouse and HDMI display of a laptop or notebook computer with multiple computers
- Connect up to 16 gaming consoles, media centers and other A/V devices for a home theater system with 1080p resolution
- Save money and space by sharing USB peripherals, such as a printer and external hard drive, among all connected computers
- Control up to 256 computers by cascading 2 levels of KVM switches

System Requirements

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

Package Includes

- B024-HU16 16-Port HDMI/USB KVM Switch, 1U
- (2) HDMI/USB KVM cable kits, 6 ft.
- Firmware upgrade cable, 6 ft.
- External power supply with C13 to NEMA 5-15P power cord (Input: 100–240V, 50/60 Hz, 0.7A; Output: 5V 4A)

Stack Units to Expand Your Workstation and Enhance Your Productivity Stack as many as eight B024-HU16 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 connects to any standard AC power source.

TAA-Compliant for GSA Schedule Purchases The B024-HU16 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

- (4) Rubber feet
- Rack-mounting hardware
- Quick Start Guide

Specifications

OVERVIEW	
UPC Code	037332251916
Max CPU	16
Technology	HDMI; Stereo Audio; USB 2.0 (High Speed)
VIDEO	
Number of Monitors Supported	1
Max Supported Video Resolution	1920 x 1200 @60Hz
Max. Distance (Between any 2 Units)	15-FT
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)	NEMA 5-15P North America
AC Power Adapter Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.7A
AC Power Adapter Output Specs (V / A)	5V / 4A
AC Power Adapter Cord Length (ft.)	5
AC Power Adapter Cord Length (m)	1.5
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Frequency	50/60Hz
Input Current	0.7A

Power Input Receptacle	IEC-320-C14
Redundancy - Dual Power Inputs	No
Bus Powered	No
POWER	
Power Source Type	AC Adapter with detachable power cord
CONNECTIONS	
Number of Ports	16
Daisy-Chain Port	No
Firmware Upgrade Port	No
PC/Server Connections	HDMI; USB
Side A - Connector 1	(16) HDMI (FEMALE)
Side A - Connector 2	(16) USB B (FEMALE)
Side A - Connector 3	(16) 3.5MM (FEMALE)
Side B - Connector 1	(1) HDMI (FEMALE)
Side B - Connector 2	(4) USB A (FEMALE)
Side B - Connector 3	(2) 3.5MM (FEMALE)
Side B - Connector 4	(1) RJ11 (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	HDMI
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	HDMI
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	(x16) Connection (Dim Orange), KVM and Audio Focus (Bright Orange), Reset, Auto Scan or Firmware Upgrade Mode (Flash); (x16) USB Hub Focus (Green); (x1) Power (Dark Green)
PHYSICAL	
Color	Black
Material of Construction	Steel (Steel Electrodeposition Cold Common)
Rackmountable	Yes
Shipping Dimensions (hwd / in.)	19.65 x 5.24 x 12.76
Shipping Dimensions (hwd / cm)	49.91 x 13.31 x 32.41
Shipping Weight (lbs.)	14.77
Shipping Weight (kg)	6.70
Unit Dimensions (hwd / in.)	17.020 x 10.100 x 1.720

Unit Packaging Type	Box
Unit Weight (lbs.)	8.8
Unit Weight (kg)	3.99
ENVIRONMENTAL	
Operating Temperature Range	32° to 122°F (0° to 50°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	0% to 80% RH, Non-Condensing
Operating Temperature	32° to 122°F (0° to 50°C)
COMMUNICATIONS	
Hotkey	Yes
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No
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)
NIAP-Certified Secure	No
Number of Users	4
On-Screen Display (OSD)	Yes
Port Selection	Pushbutton; Hotkey; OSD
HDCP Specification	1.4
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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