

## 8-Port DVI/USB KVM Switch with Audio and USB 2.0 Peripheral Sharing, 1U Rack-Mount, Dual-Link, 2560 x 1600

MODEL NUMBER: **B024-DUA8-DL**



Flexible 8-port KVM switch allows you to control up to 8 computers using a single keyboard, mouse and monitor, or up to 512 by cascading additional switches.

### Description

Tripp Lite's B024-DUA8-DL DVI/USB KVM Switch eases multi-server management in data centers, server rooms and other high-density environments. This premium rack-mount KVM switch provides complete control of up to eight connected computers from a single DVI monitor, USB keyboard and USB mouse. By cascading up to three levels of KVM switches, you can control up to 512 computers at the same time. Recommended for IT managers needing centralized access to a variety of digital and analog servers, this DVI/USB KVM switch also supports a VGA display when connected to a DVI to VGA adapter (such as Tripp Lite's P556-Series).

The B024-DUA8-DL's DVI-I dual-link connector supports digital video resolutions up to 2560 x 1600, including 1080p, and analog video resolutions up to 2048 x 1536. The multi-view installation feature lets you stack up to four KVM switches for connecting computers with up to four DVI outputs and displaying video on up to four console monitors, giving you flexibility in video output. A 3.5 mm microphone jack provides audio input to connected computers. A 3.5 mm audio jack provides 2.1-channel sound to connected speakers.

The OSD presents a text-based interface in eight different languages and allows backup of KVM configuration and user profile information. Dual-tier password protection enhances security for an administrator and up to four users. A DB9 cable is included for firmware upgrades that keep the KVM switch up to date with the latest technology. Easy front-panel access to USB 2.0 hub ports allows quick connection of two USB devices, such as flash drives and printers.

The B024-DUA8-DL offers a comprehensive, cost-effective management solution that installs in 1U of rack space. Because compatibility is based on common hardware standards rather than system software dependencies, almost any platform can be accommodated. This KVM switch is compatible with all major operating systems, and upgradeable firmware fine-tunes compatibility with emerging standards.

### Features

#### Control 8 Computers + Audio from a Single DVI Monitor, Keyboard and Mouse

- 8-port KVM switch recommended for IT managers needing centralized access to a variety of digital and analog servers
- Switch between connected computers via front-panel buttons, keyboard hotkeys or OSD
- Supports digital video resolutions up to 2560 x 1600 (including 1080p) and analog video resolutions up to 2048 x 1536

### Highlights

- Cascade up to 3 levels and control up to 512 computers at once
- Multi-view mode—stack up to 4 units, display up to 4 monitors
- On-Screen Display (OSD) in 8 languages for international use
- Dual-tier password protection for superior security
- Upgradable firmware to ensure up-to-date operation

### System Requirements

- Computer with DVI or VGA (optional) port, USB port and microphone/speaker 3.5 mm jacks (optional)
- Any major operating system
- Console with DVI or VGA (optional) monitor, USB keyboard and mouse, and microphone and speaker with 3.5 mm connectors (optional)

### Package Includes

- B024-DUA8-DL DVI/USB 8-Port KVM Switch
- (2) DVI/USB KVM cable kits, 6 ft.
- External power supply w/NEMA 1-15P plug and 5 ft. cord (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5.3V 2.4A)
- RJ11 to DB9 firmware upgrade cable, 6 ft.
- Grounding wire
- Rack-mounting hardware
- Rubber feet
- Owner's manual



- Supports 2.1-channel surround sound with full bass response
- Also supports VGA display when connected to a DVI to VGA adapter

#### **Connect Up to 512 Computers to One Original Console**

- Expand the number of controlled computers by cascading up 3 levels of KVM switches

#### **Multi-View Installation**

- Allows stacking of up to 4 KVMs for connecting computers with up to 4 DVI outputs and displaying video on up to 4 console monitors

#### **Independent USB 2.0 Peripheral Sharing**

- 2-port front-panel USB 2.0 hub allows sharing of devices (printers, hard drives, scanners, webcams) between connected computers

#### **Multilingual On-Screen Display**

- OSD supports English, German, Japanese, Traditional Chinese, Simplified Chinese, Spanish, Russian and French
- Text-based interface offers direct access to every connected computer
- Backs up and restores KVM configuration and user profile info

#### **Dual-Tier Password Protection**

- Enhances security for administrator and up to 4 users

#### **Hot-Plugging and Auto Scan**

- Computers and devices can be disconnected and reconnected without KVM switch shutdown
- Automatically switches between ports every 5 seconds for convenient monitoring

#### **Flexible Keyboard/Mouse Applications**

- Console mouse port emulation/bypass supports most mouse drivers and multifunction mice
- Complete keyboard emulation for error-free booting

#### **Easy Setup and Use**

- Plug-and-play operation with no software or drivers to install
- Durable metal housing mounts in 1U of space in EIA-standard 19 in. rack
- Upgradable firmware to ensure up-to-date operation
- Compatible with Windows, Mac, Sun and Linux

#### **TAA-Compliant**

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

## Specifications

OVERVIEW	
UPC Code	037332205124



Max CPU	512
Technology	USB 2.0 (High Speed); DVI; Stereo Audio
<b>VIDEO</b>	
Max Supported Video Resolution	Digital - 2560 x 1600; Analog - 2048 x 1536 @60Hz
Max. Distance (Between any 2 Units)	15-FT
<b>AUDIO</b>	
Audio Specification	2.1 channel surround sound
<b>INPUT</b>	
Input Frequency	50/60 Hz
Bus Powered	No
<b>POWER</b>	
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A / Output: 5.3V, 2.4A
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
External Power Supply Output Specs (V / A)	5.3V / 2.4A
External Power Supply Cord Length (ft.)	5
External Power Supply Cord Length (m.)	1.5
Power Consumption (Watts)	6.36
External Power Supply Plug(s)	NEMA 1-15P North America
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	(x8) Connection (Dim Orange), KVM and Audio Focus (Bright Orange), Reset, Auto Scan or Firmware Upgrade Mode (Flash); (x8) USB Hub Focus (Green); (x1) Power (Green)
<b>PHYSICAL</b>	
Material of Construction	Metal
Color	Black
Rackmountable	Yes
Unit Dimensions (hwd / in.)	1.73 x 17.2 x 6.3
Unit Dimensions (hwd / cm)	4.39 x 43.69 x 16
Unit Weight (lbs.)	6.2
Unit Weight (kg)	2.81



<b>ENVIRONMENTAL</b>	
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
BTUs	DC5.3V 8.26W / 64BTU
<b>COMMUNICATIONS</b>	
Port Control	Push Buttons, Hotkeys, OSD
IP Remote Access	No
<b>CONNECTIONS</b>	
Number of Ports	8
PC/Server Connections	DVI; USB
Side A - Connector 1	(8) DVI-I DUAL LINK (FEMALE)
Side A - Connector 2	(8) USB B (FEMALE)
Side A - Connector 3	(16) 3.5MM (FEMALE)
Side B - Connector 1	(1) DVI-I DUAL LINK (FEMALE)
Side B - Connector 2	(1) HD15 (FEMALE)
Side B - Connector 3	(4) USB A (FEMALE)
Side B - Connector 4	(4) 3.5MM (FEMALE)
Side B - Connector 5	(1) RJ11 (FEMALE)
Computer Keyboard and Mouse Interface	USB
Computer Monitor Interface	DVI-I Dual-Link
Console Keyboard and Mouse Interface	USB
Console Monitor Interface	DVI-I Dual-Link; VGA
Connector Plating	Nickel
<b>PORT EXPANSION</b>	
Daisy-chainable or Cascadable	Cascadable
<b>FEATURES &amp; SPECIFICATIONS</b>	
Number of Users	1
NIAP-Certified Secure	No
On-Screen Display (OSD)	Yes
Port Selection	Pushbutton; Hotkey; OSD



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USB Hub Ports	Yes
Number of USB Hub Ports	2
USB Specification	USB 2.0 (up to 480 Mbps)
Driver Required	No
Cat5 KVM Switch	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	Tested to FCC, ROHS
External Power Supply Certifications	FCC; UL; cUL; PSE; BSMI; RoHS
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

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