

## 8-Port DVI/USB KVM Switch with Audio and USB 2.0 Peripheral Sharing, 1U Rack-Mount, Single-Link, 1920 x 1200 (1080p), TAA

MODEL NUMBER: B024-DUA8-SL



Flexible 8-port KVM switch allows you to control 8 computers with audio using a single keyboard, mouse and DVI monitor. Ideal for IT managers needing centralized access to digital and analog servers.

### Description

The B024-DUA8-SL DVI/USB KVM Switch allows you to control eight computers with audio using a single DVI monitor, USB keyboard and USB mouse. Plus, 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 (P556-Series).

The DVI-I single-link connector supports digital video resolutions up to 1920 x 1200, 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.

### 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 1920 x 1200 (1080p) and analog video resolutions up to 2048 x 1536
- 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

### 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-SL 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



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#### 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                     | 037332205117                            |
| Max CPU                      | 8                                       |
| Technology                   | USB 2.0 (High Speed); DVI; Stereo Audio |
| VIDEO                        |                                         |
| Number of Monitors Supported | 1                                       |



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|                                           |                                                         |
|-------------------------------------------|---------------------------------------------------------|
| Max Supported Video Resolution            | Digital - 1920 x 1200 @60Hz; Analog - 2048 x 1536 @60Hz |
| Max. Distance (Between any 2 Units)       | 15-FT                                                   |
| Max Number of Ports (Entire Chain)        | 8                                                       |
| Extended Mode                             | No                                                      |
| Mirror Mode                               | No                                                      |
| <b>AUDIO</b>                              |                                                         |
| Audio Specification                       | 2.1 channel surround sound                              |
| <b>INPUT</b>                              |                                                         |
| AC Power Adapter Plug(s)                  | NEMA 1-15P North America                                |
| AC Power Adapter Input Specs (V / Hz / A) | 100-240V / 50/60Hz / 0.5A                               |
| AC Power Adapter Output Specs (V / A)     | 5.3V / 2.4A                                             |
| AC Power Adapter Cord Length (ft.)        | 5                                                       |
| AC Power Adapter Cord Length (m)          | 1.5                                                     |
| Voltage Compatibility (VAC)               | 100-250                                                 |
| Input Frequency                           | 50/60Hz                                                 |
| Input Current                             | 0.5A                                                    |
| Bus Powered                               | No                                                      |
| <b>OUTPUT</b>                             |                                                         |
| Frequency Compatibility                   | 50 / 60 Hz                                              |
| <b>POWER</b>                              |                                                         |
| Power Source Type                         | AC Adapter                                              |
| AC Adapter                                | Input: 100-240V, 50/60Hz, 0.5A / Output: 5.3V, 2.4A     |
| Power Consumption (Watts)                 | 6.36                                                    |
| <b>CONNECTIONS</b>                        |                                                         |
| Number of Ports                           | 8                                                       |
| Daisy-Chain Port                          | No                                                      |
| Firmware Upgrade Port                     | No                                                      |
| PC/Server Connections                     | DVI; USB                                                |
| Side A - Connector 1                      | (8) DVI-I (FEMALE)                                      |
| Side A - Connector 2                      | (8) USB B (FEMALE)                                      |
| Side A - Connector 3                      | (16) 3.5MM (FEMALE)                                     |
| Side B - Connector 1                      | (1) DVI-I (FEMALE)                                      |



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|                                              |                                                                                                                                                                      |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Single-Link                                                                                                                                                    |
| Console Keyboard and Mouse Interface         | USB                                                                                                                                                                  |
| Console Monitor Interface                    | DVI-I Single-Link; VGA                                                                                                                                               |
| Connector Plating                            | Nickel                                                                                                                                                               |
| <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>                              |                                                                                                                                                                      |
| Color                                        | Black                                                                                                                                                                |
| Material of Construction                     | Metal                                                                                                                                                                |
| Rackmountable                                | Yes                                                                                                                                                                  |
| Unit Dimensions (hwd / in.)                  | 1.730 x 17.200 x 6.300                                                                                                                                               |
| 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                            | 0-80% non-condensing                                                                                                                                                 |
| Operating Temperature                        | 32° to 122°F (0° to 50°C)                                                                                                                                            |
| BTUs                                         | DC5.3V 4.53W / 47BTU                                                                                                                                                 |
| <b>COMMUNICATIONS</b>                        |                                                                                                                                                                      |
| Hotkey                                       | Yes                                                                                                                                                                  |
| Port Control                                 | Push Buttons, Hotkeys, OSD                                                                                                                                           |
| IP Remote Access                             | No                                                                                                                                                                   |
| <b>PORT EXPANSION</b>                        |                                                                                                                                                                      |
| Daisy-chainable or Cascadable                | Cascadable                                                                                                                                                           |
| <b>FEATURES &amp; SPECIFICATIONS</b>         |                                                                                                                                                                      |



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|--------------------------------------|---------------------------------------------|
| 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                      | 1                                           |
| On-Screen Display (OSD)              | Yes                                         |
| Port Selection                       | Pushbutton; Hotkey; OSD                     |
| Driver Required                      | No                                          |
| <b>STANDARDS &amp; COMPLIANCE</b>    |                                             |
| External Power Supply Certifications | FCC; UL; cUL; PSE; BSMI; RoHS               |
| Product Compliance                   | RoHS; FCC (USA); Trade Agreements Act (TAA) |
| <b>WARRANTY &amp; SUPPORT</b>        |                                             |
| Product Warranty Period (Worldwide)  | 3-year limited warranty                     |

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