

## 4 Port DVI VGA Dual Monitor KVM Switch USB with Audio & USB 2.0 Hub

**Product ID:** SV431DDVDUA



The SV431DDVDUA 4-port DVI VGA dual monitor KVM switch lets you control 4 Dual Display computers using a single USB mouse and keyboard peripheral set.

This dual view KVM switch provides 1 VGA and 1 DVI-I port per computer connection for high-resolution video, as well as audio switching capability between connected computers.

The DVI/VGA KVM switch features an integrated 2-port USB hub that allows USB 2.0 peripherals to be shared between connected computers, and offers a compact design with a rugged metal chassis for durable performance.

NOTE: While both DVI-I (analog) and DVI-D (digital) are supported by the KVM, source PCs must output the same signal for proper switching. It is recommended wherever possible to use DVI-D cables across all PC to KVM and KVM to Console connections. If necessary, please contact technical support for assistance identifying your source.

This product is TAA compliant and backed by a Startech.com 3-year warranty with free lifetime technical support.

If you'd like to mount this KVM switch to your server rack, StarTech.com offers a 1U Rackmount Bracket (sold separately) that turns this KVM into a rackmountable KVM.

## Certifications, Reports and Compatibility

### Applications

- Perfect solution for desktops, workstations and servers with both VGA and DVI-digital ports, allowing a user to take advantage of dual monitor configurations
- Ideal for financial/banking industries, graphic designers, engineers, multi-media designers, and industries using CAD/CAM applications, where high resolution dual monitor units are needed

- Suitable for use in environments with electromagnetic interference, based on sturdy metal design
- Versatile support for setups where one machine is DVI & VGA, and the other is VGA & VGA (with available adapters)

## Features

- Direct channel selection and operation using front panel push-button or keyboard hotkeys
- Supports a maximum digital resolution of 1920 x 1200 and analog of 1920 x 1440; Recommended resolution is 1920 x 1200
- OS independent (no drivers or software required)
- Independent or simultaneous audio switching
- Full support for plug-n-play peripherals
- Rugged, all-metal chassis for use in harsh environments
- Status LED display for easy port status monitoring
- USB style keyboard and mouse, plus two other USB 2.0 peripherals can be shared between up to two computers
- Tone indicator for computer switching
- Selectable time intervals for auto scan
- Rear function key to adjust video strength
- HDCP compliant
- Support DDC2B emulation and EDID pass through, which allows the display adapter to recognize and auto configure screens to match the display capabilities
- Supports Dual Monitor/Flat Panel Displays [1 x DVI + 1 x VGA]

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### Hardware

|                              |         |
|------------------------------|---------|
| Warranty                     | 3 Years |
| Audio                        | Yes     |
| KVM Ports                    | 4       |
| PC Interface                 | USB     |
| PC Video Type                | DVI+VGA |
| Number of Monitors Supported | Yes     |

|                 |          |
|-----------------|----------|
| Rack-Mountable  | Optional |
| Cables Included | No       |
| Daisy-Chain     | No       |

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**Performance**

|                             |                         |
|-----------------------------|-------------------------|
| On-Screen Display           | No                      |
| DVI Support                 | Yes - Single Link       |
| IP Control                  | No                      |
| Hot-Key Selection           | Yes                     |
| Maximum Analog Resolutions  | 1920 x 1400             |
| Maximum Digital Resolutions | 1920 x 1200             |
| Maximum Number of Users     | 1                       |
| Port Selection Support      | Push Button and Hotkeys |
| MTBF                        | 140000 hours            |

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**Connector(s)**

|                      |                                  |
|----------------------|----------------------------------|
| Console Interface(s) | DVI-I (29 pin)                   |
|                      | 3.5 mm Mini-Jack (3 Position)    |
|                      | VGA (15 pin, High Density D-Sub) |
|                      | USB Type-A (4 pin) USB 2.0       |
| Host Connectors      | DVI-I (29 pin)                   |
|                      | 3.5 mm Mini-Jack (3 Position)    |
|                      | VGA (15 pin, High Density D-Sub) |
|                      | USB B (4 pin)                    |

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**Software**

|                  |   |
|------------------|---|
| OS Compatibility | OS independent; No software or drivers required |
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**Special Notes / Requirements**

|      |  |
|------|--|
| Note | While both DVI-I (analog mode) and DVI-D (digital only) are supported by the KVM, both source PCs must output the same signal type for proper switching. It is recommended wherever possible to use DVI-D cables across all PC to KVM and KVM to Console connections. Please contact technical support for assistance identifying your source. |
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**Indicators**

|                |                     |
|----------------|---------------------|
| LED Indicators | Green - PC Detected |
|                | Green - Power       |
|                | Red - PC Indicator  |

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**Power**

|                              |                     |
|------------------------------|---------------------|
| Power Source                 | AC Adapter Included |
| Input Voltage                | 100 - 240 AC        |
| Input Current                | 0.8A                |
| Output Voltage               | 12V DC              |
| Output Current               | 1.5A                |
| Center Tip Polarity          | Positive            |
| Plug Type                    | M                   |
| Power Consumption (In Watts) | 18                  |

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**Environmental**

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 40C (32F to 104F)   |
| Storage Temperature   | -20C to 60C (-4F to 140F) |
| Humidity              | 80% RH                    |

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**Physical Characteristics**

|                |                  |
|----------------|------------------|
| Color          | Black            |
| Material       | Steel            |
| Product Length | 6.4 in [16.3 cm] |
| Product Width  | 8.7 in [22 cm]   |



|                   |                 |
|-------------------|-----------------|
| Product Height    | 2.4 in [60 mm]  |
| Product Depth     | 5.1 in [13 cm]  |
| Weight of Product | 2.8 lb [1.3 kg] |

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**Packaging Information**

|                           |                   |
|---------------------------|-------------------|
| Package Length            | 9.8 in [24.9 cm]  |
| Package Width             | 11.6 in [29.5 cm] |
| Package Height            | 3.4 in [86 mm]    |
| Shipping (Package) Weight | 3.9 lb [1.8 kg]   |

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**What's in the Box**

|                     |                                       |
|---------------------|---------------------------------------|
| Included in Package | 4-port KVM switch                     |
|                     | foot pads                             |
|                     | universal power adapter (NA/EU/UK/AU) |
|                     | instruction manual                    |

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***\*Product appearance and specifications are subject to change without notice.***

