

## 4-Port HDMI Automatic Video Switch - 4K with Fast Switching - TAA

**Product ID:** VS421HD4KA



Create a powerful visual experience, with the ability to switch between four 4K video sources seamlessly. This 4-port HDMI switch lets you share a monitor, projector or TV with four Ultra High Definition video sources, and switch between them with minimal disruption.

The video switch maintains Ultra HD 4K picture quality while switching between content from HDMI source devices - including Blu-ray players and DVD players, computer systems, video game consoles, digital cable and satellite boxes and A/V receivers.

4K support ensures a higher level of image clarity and visibility, delivering four times the resolution of 1080p - 8.29 million pixels versus 2.07 million pixels. It provides a more engaging visual experience for audiences in a wide range of venues including conference centers, boardrooms, educational facilities, and commercial settings. With its exceptional resolution and image quality, it's also ideal for bringing your digital signage to life.

Enjoy hassle-free operation with three switching modes:

- **Fast auto-switching:** ensures minimal time for switching between HDMI sources. The switch provides effortless operation with advanced auto-sensing - it detects the latest connected HDMI source and automatically switches to it. Auto-switching encourages collaboration among colleagues, by making it easy to share a projector or display. It also ensures no downtime in a digital signage application if a source signal is accidentally powered off or fails.
- **Priority switching:** identifies one port to take first priority for HDMI sources when multiple sources are connected, ideal for applications such as digital signage.
- **Manual switching:** enables you to manually select your HDMI source with front panel buttons that are easy to use.

An IR remote control is included in the box, enabling you to select your desired input source remotely. The RS-232 serial control interface ensures easy remote operation with serial control enabled devices.

The switch also saves time during setup with EDID emulation, which ensures that all of your display settings, such as native resolution and refresh rate, are communicated between your display and video source devices. EDID emulation maximizes compatibility with your 4K display, ensuring a convenient plug-and-play installation and the sharpest image quality.

The VS421HD4KA is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Share a 4K monitor, television or projector with four different 4K video sources to create a powerful visual experience in boardrooms, classrooms, home theaters, hotels, shopping malls, health centers and many other environments
- Collaborate easily with colleagues by connecting multiple users to the same display, and switch between input devices
- Enhance your home theater by connecting four A/V devices and automatically switching between your Blu-ray player, cable and satellite set-top boxes, gaming console or computer
- Switch easily between different video sources for digital signage applications - the switch is backward compatible with high-definition 1080p, so any video source will look great in your digital signage

## Features

- Impressive image quality with support for Ultra HD 4K
- 4-port 4K2K switch routes four HDMI sources to one HDMI display
- Easy operation with automatic, priority or manual switching between HDMI sources
- EDID copy support ensures accurate display output
- Versatile audio configuration with support for 5.1 or 7.1 surround sound
- IR remote control included
- RS-232 serial control interface
- Backward compatible with high-definition 1080p

## Hardware

|                    |          |
|--------------------|----------|
| Warranty           | 2 Years  |
| AV Input           | HDMI     |
| Ports              | 4        |
| AV Output          | HDMI     |
| Audio              | Yes      |
| Industry Standards | HDMI 1.4 |

## Performance

|                             |                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------|
| Maximum Digital Resolutions | 4K @ 30 Hz                                                                       |
| Supported Resolutions       | 3840x2160 (4K)<br>2560x1600<br>1920x1200<br>1920x1080 (1080p)<br>1280x720 (720p) |
| Wide Screen Supported       | Yes                                                                              |
| Audio Specifications        | 7.1 Surround sound                                                               |

## Connector(s)

|             |                                |
|-------------|--------------------------------|
| Connector A | 1 - HDMI (19 pin)              |
| Connector B | 4 - HDMI (19 pin)<br>1 - RJ-11 |

## Indicators

|                |                                      |
|----------------|--------------------------------------|
| LED Indicators | 4 - Active port LED<br>1 - Power LED |
|----------------|--------------------------------------|

## Power

|                |                     |
|----------------|---------------------|
| Power Source   | AC Adapter Included |
| Input Voltage  | 100 - 240 AC        |
| Output Voltage | 12V DC              |

Output Current 1.5

Power Consumption (In Watts) 18

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#### Environmental

Operating Temperature 0C to 40C (32F to 104F)

Storage Temperature -10C to 60C (14F to 140F)

Humidity 0% ~ 80%

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#### Physical Characteristics

Color Black

Material Steel

Product Length 6.1 in [15.6 cm]

Product Width 2.6 in [6.5 cm]

Product Height 0.8 in [2.0 cm]

Weight of Product 10.3 oz [291.0 g]

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#### Packaging Information

Package Quantity 1

Package Length 9.2 in [23.4 cm]

Package Width 6.1 in [15.6 cm]

Package Height 2.6 in [6.6 cm]

Shipping (Package) Weight 1.8 lb [0.8 kg]

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#### What's in the Box

Included in Package

- 1 - 4-port HDMI switch
- 1 - remote control
- 1 - Universal power adapter (NA/EU/UK/AU)
- 1 - RJ11 cable
- 1 - RJ11 to DB-9 serial adapter

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