

## 2x2 HDMI Matrix Switch - 4K with Fast Switching and Auto-Sensing - TAA

**Product ID:** VS222HD4K



Save time and hassle by automatically switching between your HDMI audio/video sources. This 2x2 HDMI matrix switcher provides the ultimate viewing experience, with support for Ultra HD 4K. It lets you connect two HDMI sources to two HDMI displays, with exceptional 4K resolution, while switching seamlessly between your video sources.

The matrix switch supports Ultra HD 4K picture quality on two monitors while switching between content from HDMI source devices - including Blu-ray players or DVD players, computer systems, video game consoles, digital cable or 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 image quality, 4K resolution is also ideal for bringing your digital signage to life.

Enjoy hassle-free operation with four different switching modes:

- **Matrix switching:** lets you route either HDMI source (Input 1 or Input 2) to either monitor (Output 1 and/or Output 2) - and independently switch two displays between two video sources.
- **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 both outputs to that device. It also ensures no downtime in a digital signage application if a source signal is accidentally powered off or fails.
- **Priority switching:** identifies the first port to have first priority for HDMI sources, which will be output on both displays.
- **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 matrix switch is easy to install. EDID emulation saves you time during setup by ensuring all of your display

settings, such as native resolution and refresh rate, are communicated between your display and video source devices. The built-in EDID copy feature maximizes compatibility with your 4K display, to ensure a convenient plug-and-play installation and the sharpest image quality.

The VS222HD4K is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Run Ultra HD 4K multimedia presentations on two monitors in conference rooms, commercial settings or at trade shows
- Switch between different video sources on your digital signage displays in hospitals, shopping centers, or schools
- Connect and switch between two video sources and two displays on a test bench, for troubleshooting computers
- Automatically switch between your Blu-ray player, set-top box, or gaming console in a home theatre environment

## Features

- Impressive image quality with support for Ultra HD 4K
- Easy operation with automatic, priority and manual switching between HDMI sources
- Access two HDMI source devices on two independent HDMI displays, with 2 x 2 matrix switching
- IR remote control included
- RS-232 serial control interface
- EDID copy support ensures accurate display output
- Backward compatible with high-definition 1080p
- Mounting hardware included

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## Hardware

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

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## Performance

Maximum Cable Length	393.7 in [10000 mm]
Max Distance	10m [33ft]
Maximum Digital Resolutions	4K @ 30 Hz
Supported Resolutions	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
Wide Screen Supported	Yes
Audio Specifications	7.1 Surround sound

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## Connector(s)

Connector A	2 - HDMI (19 pin)
Connector B	2 - HDMI (19 pin) 1 - RJ-11

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## Indicators

LED Indicators	2 - Active port LED 1 - Power LED
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## 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 50C (32F to 122F)
Storage Temperature	-20C to 70C (-4F to 158F)
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	10.4 oz [296.0 g]

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#### Packaging Information

Package Quantity	1
Package Length	6.2 in [15.8 cm]
Package Width	9.3 in [23.6 cm]
Package Height	2.6 in [6.7 cm]
Shipping (Package) Weight	1.8 lb [0.8 kg]

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#### What's in the Box

Included in Package	1 - 2x2 HDMI matrix switch
	1 - remote control
	1 - universal power adapter (NA/EU/UK/AU)

- 1 - RJ11 cable (1200mm)
  - 1 - RJ11 to DB-9 serial adapter
  - 1 - mounting kit
  - 1 - quick start guide
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***\*Product appearance and specifications are subject to change without notice.***