

2-Port HDMI Automatic Video Switch - 4K with Fast Switching

StarTech ID: VS221HD4KA



Create a powerful visual experience, with the ability to switch between two 4K video sources seamlessly. This 2-port HDMI® switch lets you share a monitor, projector or TV with two different HDMI enabled video sources, and switch between them with minimal disruption.

Impressive image quality with 4K support

The video switch maintains Ultra HD 4K picture quality while switching between content from HDMI source devices - including Blu-ray™ players or 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 and boardrooms, home theaters, and commercial settings. With its exceptional resolution and image quality, it's also ideal for bringing your digital signage to life.

Fast and easy operation

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 your projector. 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.

Hassle-free setup with plug-and-play installation

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 to ensure a convenient plug-and-play installation and the sharpest image quality.

The VS221HD4KA is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Applications

- Share a 4K television or projector with two 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 two A/V devices to your television, such as Blu-ray players, cable and satellite set-top boxes, and computers
- Ideal in 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
- 2-port 4K2K switch routes two 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

Technical Specifications

Warranty	2 Years
Audio	Yes
Chipset ID	Microchip PIC24
Industry Standards	HDMI 1.4
Output Signal	HDMI
Ports	2
Audio Specifications	7.1 Surround sound
Maximum Digital Resolutions	4K @ 30 Hz
Supported Resolutions	3840x2160 (4K) 2560x1600 1920x1200 1920x1080 (1080p) 1280x720 (720p)
Wide Screen Supported	Yes
Connector A	1 - HDMI (19 pin) Female
Connector B	2 - HDMI (19 pin) Female
LED Indicators	2 - Active port LED
LED Indicators	1 - Power LED
Input Voltage	110 ~ 240 AC
Output Current	1.5
Output Voltage	12 DC
Power Source	AC Adapter Included
Humidity	0% ~ 80%
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Shipping (Package) Weight	2.3 oz [65 g]
Included in Package	1 - 2-port HDMI switch
Included in Package	1 - remote control
Included in Package	1 - universal power adapter (NA/EU/UK/AU)
Included in Package	1 - RJ11 cable
Included in Package	1 - RJ11 to DB-9 serial adapter
Included in Package	1 - mounting kit
Included in Package	1 - quick start guide

Certifications, Reports and Compatibility

