

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

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

Certifications, Reports and Compatibility



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

Hardware	Warranty	2 Years
	Audio	Yes
	AV Input	HDMI
	AV Output	HDMI
	Chipset ID	Microchip - PIC24
	Industry Standards	HDMI 1.4
	Ports	2
Performance	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(s)	Connector A	1 - HDMI (19 pin) Female
	Connector B	2 - HDMI (19 pin) Female
		1 - RJ-11 Female
Indicators	LED Indicators	2 - Active port LED
		1 - Power LED
Power	Input Voltage	100 - 240 AC
	Output Current	1.5
	Output Voltage	12 DC
	Power Consumption (In Watts)	18
	Power Source	AC Adapter Included
Environmental	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)
Physical Characteristics	Product Height	1.4 cm [0.6 in]
	Product Length	10 cm [3.9 in]
	Product Width	61.5 mm [2.4 in]
	Weight of Product	290 g [10.2 oz]

Packaging Information	Package Height	63 mm [2.5 in]
	Package Length	15.6 cm [6.1 in]
	Package Width	23.5 cm [9.3 in]
	Shipping (Package) Weight	835 g [29.5 oz]
What's in the Box	Included in Package	1 - 2-port HDMI switch
		1 - remote control
		1 - universal power adapter (NA/EU/UK/AU)
		1 - 4 ft [1.2 m] RJ11 cable
		1 - RJ11 to DB-9 serial adapter
		1 - mounting kit
		1 - quick start guide

Product appearance and specifications are subject to change without notice.