

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

StarTech 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.

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 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.

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 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.

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, ensuring a convenient plug-and-play installation and the sharpest image quality.

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

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

Technical Specifications

| | |
|-----------------------------|--|
| Warranty | 2 Years |
| Audio | Yes |
| Industry Standards | HDMI 1.4 |
| Output Signal | HDMI |
| Ports | 4 |
| 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 | 4 - HDMI (19 pin) Female |
| LED Indicators | 4 - 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 40°C (32°F to 104°F) |
| Storage Temperature | -10°C to 60°C (14°F to 140°F) |
| Shipping (Package) Weight | 2.3 oz [65 g] |
| Included in Package | 1 - 4-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

