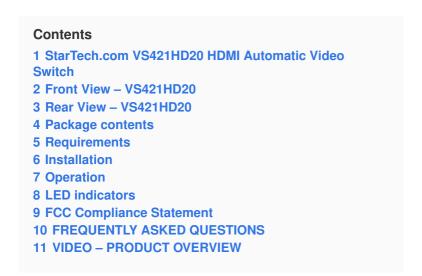**Manuals+** — User Manuals Simplified.

StarTech.com VS421HD20 HDMI Automatic Video Switch Quick-start guide

Contents

StarTech.com

StarTech.com VS421HD20 HDMI Automatic Video Switch

Front View – VS421HD20

Rear View – VS421HD20

HDMI output port

HDMI input ports

Package contents

- 1 x HDMI video switch
- 1 x IR remote control (with CR2025 battery)
- 1 x universal power adapter (NA, EU, UK, ANZ)

Requirements

- 1 x HDMI display device (up to 4K @ 60 Hz)

VS221HD20

- 2 x HDMI source devices (up to 4K @ 60 Hz)
- 3 x HDMI M/M cables (sold separately)

VS421HD20

- 4 x HDMI source devices (up to 4K @ 60 Hz)
- 5 x HDMI M/M cables (sold separately)

Note: premium High-Speed HDMI cables are required for optimal performance at 4K 60Hz.

Installation

Note: ensure your HDMI video source devices and the HDMI display are powered off before you begin the

installation.

1. Connect an HDMI cable (sold separately) to an output port on your HDMI source device and to one of the HDMI input ports on the HDMI switch.
2. Repeat step #1 for each of your remaining HDMI source devices.
   Note: each port is numbered, please take note of which number is assigned to each HDMI source device.
3. Connect an HDMI cable (sold separately) to the HDMI output port on the video switch and to an HDMI input port on your HDMI display device.
4. Connect the universal power adapter to an available power source and to the Power adapter port on the HDMI switch.
5. Power on your HDMI display, followed by each of your HDMI source devices.

Operation

- **Manual operation**
  Manual mode enables you to switch between HDMI video sources using the Input selection button or the IR remote control.
- **Input selection button**
  Press the Input selection button to toggle between each HDMI video source device.
- **IR remote control**
  Press the input port number on the IR remote to select the desired HDMI video source.
  VS421HD20 only: press ◀ or ▶ cycle through all the connected displays. Cycle in one direction until the desired HDMI video source is selected.
- **Automatic operation**
  This HDMI switch features automatic operation that allows the switch to automatically select the most recently activated or connected HDMI source device.

Connect a new device or turn on an already connected device to automatically switch HDMI video sources.

LED indicators

LED behavior	Significance
Red LED is illuminated	The device is receiving power
Green LED is illuminated	Link established between HDMI video source and switch

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

- **Industry Canada Statement**

  This Class B digital apparatus complies with Canadian ICES-003. CAN ICES-3 (B)/NMB-3(B)
- **Use of Trademarks, Registered Trademarks, and Other Protected Names and Symbols**

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FREQUENTLY ASKED QUESTIONS

What is the StarTech.com VS421HD20 HDMI Automatic Video Switch?

The StarTech.com VS421HD20 is an HDMI Automatic Video Switch that allows you to connect and switch between four HDMI source devices and one HDMI display automatically.

How does the HDMI Automatic Video Switch work?

The VS421HD20 automatically detects the active HDMI source device and automatically switches to that device, eliminating the need for manual input selection.

Does the Automatic Video Switch support 4K Ultra HD resolution?

Yes, the VS421HD20 typically supports resolutions up to 4K Ultra HD (3840x2160) at 60Hz.

Can I use this Automatic Video Switch with older HDMI devices that support lower resolutions?

Yes, the VS421HD20 is backward compatible with lower resolutions, such as 1080p or 720p, and can work with older HDMI devices.

Does the VS421HD20 support HDCP (High-bandwidth Digital Content Protection)?

Yes, the Automatic Video Switch supports HDCP compliance, ensuring compatibility with protected content.

Can I manually switch between HDMI source devices using the Automatic Video Switch?

While the VS421HD20 is primarily designed for automatic switching, it may include manual switching options through a remote control or front-panel buttons.

Is the Automatic Video Switch compatible with gaming consoles, media players, and Blu-ray players?

Yes, the VS421HD20 is compatible with various HDMI source devices, including gaming consoles, media players, Blu-ray players, and more.

Does the VS421HD20 support audio pass-through to the display?

Yes, the Automatic Video Switch typically supports audio pass-through, sending the audio signal along with the video to the connected display.

Does the Automatic Video Switch require external power?

Yes, the VS421HD20 Automatic Video Switch requires external power for proper operation.

Can I use this Automatic Video Switch to extend the distance between my HDMI devices and the display?

The Automatic Video Switch is not designed for signal extension, but you can use HDMI signal extenders or boosters along with it to extend HDMI signals over longer distances.

Can I use the Automatic Video Switch with my computer and dual monitors?

The VS421HD20 is not typically designed for dual monitor setups; it is meant for automatic switching between HDMI source devices and a single display.

Does the VS421HD20 support automatic input prioritization or EDID management?

The Automatic Video Switch may support automatic input prioritization, selecting the most recently activated HDMI source, and may include EDID management for proper communication between source devices and the display.

Is the Automatic Video Switch compatible with 3D content?

Yes, the VS421HD20 Automatic Video Switch is generally compatible with 3D content, provided that the connected display and HDMI devices support 3D.

Can I use the Automatic Video Switch to create a multi-room audio/video setup?

The VS421HD20 is primarily designed for video switching, and it may not support multi-room audio distribution. It is best suited for single-display setups.

Can I cascade multiple Automatic Video Switches for more input options?

The VS421HD20 is not typically designed for cascading multiple units, as it is meant to switch between four HDMI source devices.

VIDEO – PRODUCT OVERVIEW

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