

## 4-Port USB 3.0 KVM Switch - HDMI - 4K 60Hz

SV431HU34K6



\*actual product may vary from photos

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## **FCC Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class A 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:

- Connect the equipment into 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 A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (A)/NMB-3(A)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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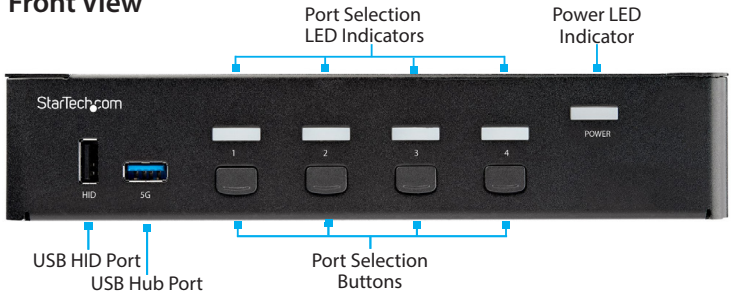
# Introduction

## Packaging Contents

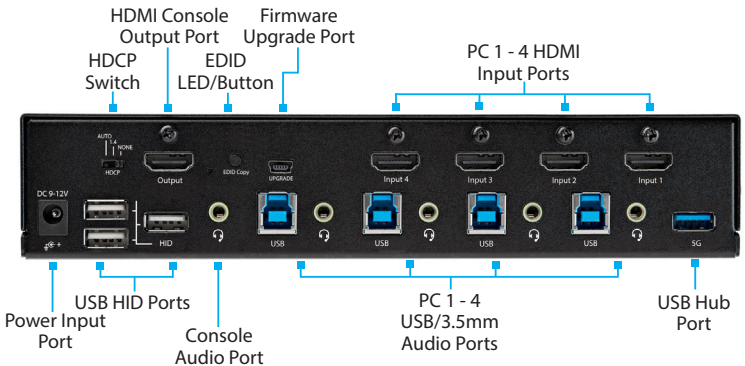
- KVM Switch x 1
- Universal Power Adapter (NA/JP, EU, UK, ANZ) x 1
- Rubber Feet x 4
- Quick-Start Guide x 1

## Product Overview

### Front View



### Rear View



# LED Indicators

## PC Selection Indicators

Green = PC Connected

Red = Port selected

## EDID LED Indicator

2x Fast Flashes = EDID Copy mode

3x Slow Flashes = Auto EDID

3x Fast Flashes = Default Setting

*\* LED indicator will flash to indicate the corresponding mode has been set and the EDID Button can be released*

# Installation

## Attach The Rubber Feet

To affix the **Rubber Feet** to the bottom of the **KVM switch**, peel off the backing on each of the four **Rubber Feet** and adhere them to the bottom of the **KVM Switch**, in the indicated areas.

## Connect the Console

1. Power off your **HDMI Display** and any **Peripherals** before connecting to the **KVM Switch**.
2. Connect an **HDMI Display** to the **Console HDMI Output Port**, located on the rear of the **KVM Switch**.
3. Connect a **USB Keyboard** and a **USB Mouse** to the **Console USB HID Ports**, located on the rear of the **KVM Switch**.
4. (Optional) Connect an additional **USB HID Device** to the remaining **Console USB HID Port**, located on the front of the **KVM Switch**.
5. (Optional) Connect the **Audio Device** to the **Console Audio Port**, located on the rear of the **KVM Switch**.
6. (Optional) Connect up to two **SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Peripheral Devices** to the **Console USB Hub Ports**, located on the front and rear of the **KVM Switch**.

## Connect the PCs

1. Power off your **Computer** and any **Peripherals** before connecting to the **KVM Switch**.
2. Connect an **HDMI Cable** from the **HDMI Port** on the **Computer** to the **PC 1 HDMI Input Port**, located on the rear of the **KVM Switch**.
3. Connect a **SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Cable (Type-A Male to Type-B Male)** from the **USB-A Port** on the **Computer** to the **PC 1 USB Port**, located on the rear of the **KVM Switch**.

*Note: A SuperSpeed USB 5Gbps (or better) Cable is recommended for optimal performance.*

- (Optional) Connect a **3.5 mm Audio Cable** from the **Audio Port** on your **Computer** to the corresponding **PC Audio Port**, located on the rear of the **KVM Switch**.
- Repeat **Steps 1 to 4** for **Source PCs 2 - 4**.

## Operation

### HDCP Switch

*Note: If the HDCP version needs to be changed after the initial installation, a power cycle of the KVM and connected devices may be required.*

The **HDCP Switch**, located on the rear of the **KVM Switch**, is used to set the **HDCP** version the **KVM Switch** will use with connected devices. The **HDCP Switch** can select one of three different modes:

**Auto** – This mode makes the **KVM Switch** detect the highest compatible **HDCP** version between **Source** and **Display**, and will then use that mode. This mode is recommended for most setups.

**1.4** - This mode forces **HDCP 1.4** between the connected **Source** and **Display Devices**, which may limit video performance. This mode should be used if you experience issues getting video to pass through the **KVM Switch**, as it can help with older device compatibility.

**None** – This mode disables the **HDCP** handshake between the connected devices and the **KVM Switch**, which means protected content will not passthrough the **KVM Switch**.

### Power-On Sequence

- Connect the **Universal Power Adapter** from a **Wall Outlet** to the **Power Input Port** on the rear of the **KVM Switch**.
- Power on all **Peripherals**.
- Select **PC 1** and power on the corresponding **Computer**.

*Note: Ensure that the Computer connected to the PC 1 ports has fully booted to the*

operating system before proceeding.

#### 4. Repeat **Step 3** for PCs 2 - 4.

### EDID Button

The **EDID Button**, located on the rear of the **KVM Switch**, is used to set how the **KVM Switch** will handle **EDID** information. There are three different modes available:

Mode	How to Enable
EDID Copy	Press and hold the EDID button for 3 Seconds
EDID Auto	Press and hold the EDID button for 6 Seconds
Default EDID	Press and hold the EDID button for 12 Seconds

**EDID Copy** - This mode holds the **EDID** information of the current **display** and will always use that **EDID** information, even if another **Display** is connected instead. This can help if experiencing compatibility issues with the **Display** intended for the setup.

**EDID Auto** - This mode causes the **KVM Switch** to read, store, and forward the **EDID** to the **Source Device** ports. This ensures switching between ports does not require re-transmission of the **EDID** to detect capabilities.

**Default EDID** - This mode will set the **KVM Switch** to default to an **EDID** of 1080p. This means monitors with a higher resolution may not see those resolutions available.

### Select A Port

To select a port, press the **Port Selection Button** the corresponds with the computer you wish to select.

**Note:** *When you switch between ports, it takes some time for the video signal to be communicated. After you select a port, wait three to four seconds before you select a different port.*

### Hot Keys Commands

To view detailed instructions on the use of Hot Key Commands, please visit:

[www.StarTech.com/SV431HU34K6](http://www.StarTech.com/SV431HU34K6)

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