

# TESmart 4-Port KVM Switch Multimedia Line

HKS0401A1U-B



- Combination KVM and HDMI video switch.
- Up to 4K UHD video resolution with 60hz refresh rate.
- Audio output via HDMI and analog stereo out.
- 4 ways to switch inputs.
- No software required.

## IDEAL FOR WORKING PROFESSIONALS, GAMERS AND STUDENTS

Enjoy life in ultra-high definition with the multimedia line of KVM switches by TESmart. Going beyond a traditional KVM, TESmart's multimedia line has expanded connectivity to also receive other video inputs such as gaming consoles, streaming devices, DVR's, cameras, and more.

Audio is transmitted via HDMI connections allowing the user to deploy with a variety of uses as both a KVM and Video Switch combination.

- Combination KVM and video switch that connects four PCs or HDMI video devices to one keyboard, video monitor, and mouse.
- 3840x2160 @ 60hz with 4K source and capable monitor.
- Backwards compatible with lower resolutions @ 60 hz.
- Transmits audio over HDMI to monitor speakers and stereo output.
- Select input via keyboard hotkeys, mouse gestures, push button, or remote control.
- EDID emulation to maintain resolutions & desktop icon positions when switching.
- No delay, zero latency keyboard and mouse switching.
- Supports wireless keyboards and mice.
- Hot swap cables and peripherals without turning off.
- Auto-scanning with adjustable time interval from 1 to 250 seconds.
- USB 2.0 sharing for external hard drives, printers, scanners, and more.
- Compatible with all 16:9 Widescreen and 21:9 Ultrawide monitors.
- Compliant with HDMI 2.0, HDR 10, HDCP 2.2, Dolby Vision, 4:4:4 chroma sampling.
- Plug & play capable. No software required.
- Works with Windows, MacOS, Linux, Chromebook, and Raspberry Pi. Xbox, PS4, Nintendo gaming consoles. AppleTV, Firestick, Roku streaming devices.

## COMPATIBILITY INFORMATION & FAQ'S

- Unit has one video output. HDMI technology cannot split & extend desktops for dual monitors.
- Refresh rate is limited to 60 hz for resolutions lower than 4K.
- Audio transmitted via HDMI connection. HDMI or Displayport monitor required for audio.
- EDID emulation is locked to the dedicated ports.
- Scroll Lock command can be reassigned to the right-CTRL key (Scroll Lock + Scroll Lock + F1).
- Apple keyboards are not supported.
- Gaming mice & keyboards supported on the USB port only.

## REQUIREMENTS

### Console Station

- 1 x HDMI monitor (VGA, DVI, and Displayport supported via approved adapters\*)
- 1 x Standard 104-key wired keyboard
- 1 x Standard 2 or 3-button wired USB mouse
- External stereo or headphones (optional)

### Computer

- 1 x HDMI port (VGA, DVI, and Displayport supported via approved adapters\*)
- Type-A USB port

### Other HDMI Video Devices (Optional)

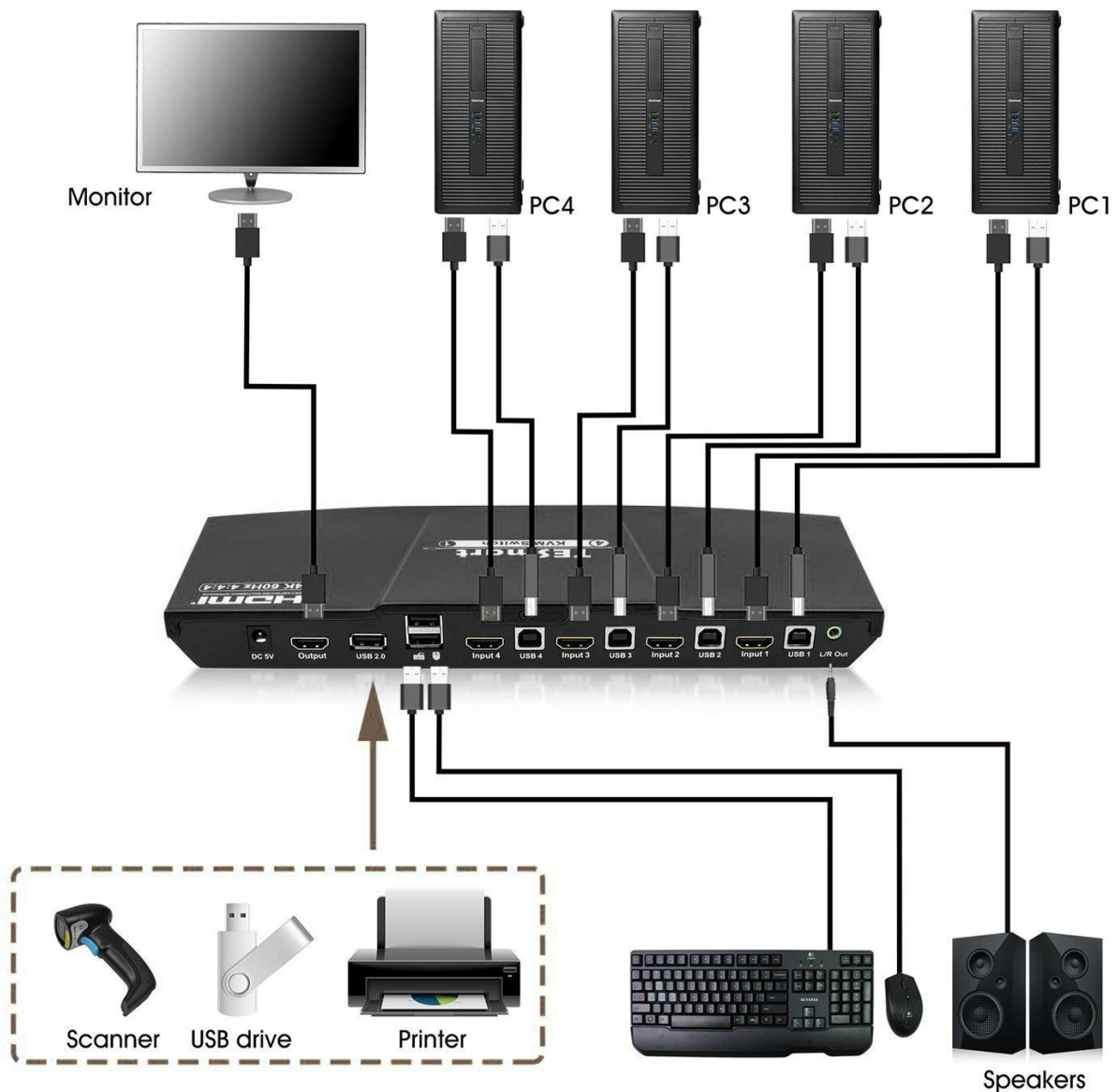
- 1 x HDMI Port

\*Use with video adapters may change performance.



## PACKAGE CONTENTS

- 1 x 4-Port HDMI 2.0 KVM Switch
- 2 x 1.5 meter (5 ft) KVM Cable with HDMI and USB Connectors
- 1 x DC 5V Power Adapter
- 1 x IR Remote Control (requires standard CR2025 battery, not included)
- 1 x English User manual



## SPECIFICATIONS

### Port Selection

- Keyboard hotkeys (requires basic 104-key keyboard)
- Mouse gestures (requires basic 2 or 3-button mouse)
- Push button
- Remote Control (CR2025 battery not included)

**Note:** Keyboard hotkeys and mouse gestures work with the dedicated keyboard and mouse ports only. Due to EDID emulation, a basic 104-key keyboard and 2 button mouse are recommended. Other input devices will function as normal with the USB port (and can be expanded with a powered USB hub) but will not have hotkey and mouse gesture features.

### Console Connectors

- Monitor 1 x HDMI 2.0
- Keyboard 1 x USB Type A (port has EDID keyboard emulation)
- Mouse 1 x USB Type A (port has EDID mouse emulation)
- Audio 1 x 3.5mm Mini Stereo Jack

### Computer Connectors

- Monitor 4 x HDMI 2.0
- Keyboard & Mouse 4 x USB 2.0 Type B
- Audio None. Audio is transmitted via HDMI

### Switches

- Firmware Upgrade 1 x USB Type B
- Port Selection 1 x Push button

## SPECIFICATIONS

### LEDs

- On Line 4 x Blue
- Selected 4 x Blue
- Gesture Indicator 1 x Blue

### Emulation

- Keyboard USB
- Mouse USB
- Max Video Resolution 3840 x 2160 @ 60 Hz (Ultra High Definition)
- Scan Interval 1 – 250 seconds
- Power Supply Input 100 – 240V 0.3A 50-60hz
- Power Supply Output 5V 1A

### Dimensions

- Height 1.25 Inches 3.2 cm
- Depth 4.75 Inches 12.1 cm
- Length 12 Inches 30.5 cm
- Weight 1.2 pounds 0.5 kg

### Unit Package Dimensions

- Height 3.25 Inches 8.3 cm
- Depth 7 Inches 17.8 cm
- Length 12.25 Inches 31.1cm
- Weight 2.7 pounds 1.2 kg

### Master Carton

- Height 21 Inches 53.4 cm
- Depth 17 Inches 43.2 cm
- Length 15 Inches 38.1 cm
- Units 15
- Weight 41 pounds 18.6 kg
- Units 15 units packaged for retail



*Fast. Lite. Versatile.*