

8-Port HDMI KVM Switch Enterprise Line

HKS0801A20



- Combination KVM and video switch.
- Up to 4K UHD video resolution with 30hz refresh rate.
- 4 ways to switch inputs.
- Adjustable auto-scan.
- LAN connectivity with IP switching.

IDEAL FOR IT PROFESSIONALS AND HEAVY USERS

TESmart's Enterprise Line of KVM switches are designed for more demanding users that need to manage a large number of HDMI devices.

Going beyond a traditional KVM, these switchers also receive other video inputs and transmit audio via HDMI, making them highly compatible with a wide range of uses. They work with virtually all hardware platforms and support most operating systems.

- Rack-Mountable KVM and video switch that connects eight PCs, servers, plus other HDMI video sources such as DVR's, game consoles, and streaming devices.
- 3840x2160 @ 30hz with 4K source and capable monitor.
- Backwards compatible with lower resolutions @ 60hz.
- Select input via keyboard hotkeys, mouse gestures, push buttons, or remote control.
- Auto-scanning with adjustable time interval from 5 to 60 minutes.
- Ethernet LAN port for TCP/IP console interface, programmable network address, and IP KVM switching.
- RS232 connector for serial commands.
- EDID emulation to maintain resolutions & desktop icon positions when switching.
- No delay, zero latency keyboard and mouse switching.
- Transmits audio over HDMI to monitor speakers.
- Supports wireless keyboards and mice.
- Hot swap cables and peripherals without turning off.
- 4-port USB 2.0 hub to share external hard drives, printers, scanners, and more.
- 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

- HDMI cannot be split/extended. 2 switches required for dual monitor setup.
- Audio transmission via HDMI requires an HDMI or Displayport connection to monitor.
- EDID emulation is locked to the dedicated ports. Scroll Lock command cannot be changed.
- Apple keyboards are not supported.
- Gaming mice & keyboards supported on the USB port only.
- Not compatible with 21:9 Ultrawide monitors.

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

Computer

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

Other HDMI Video Devices (Optional)

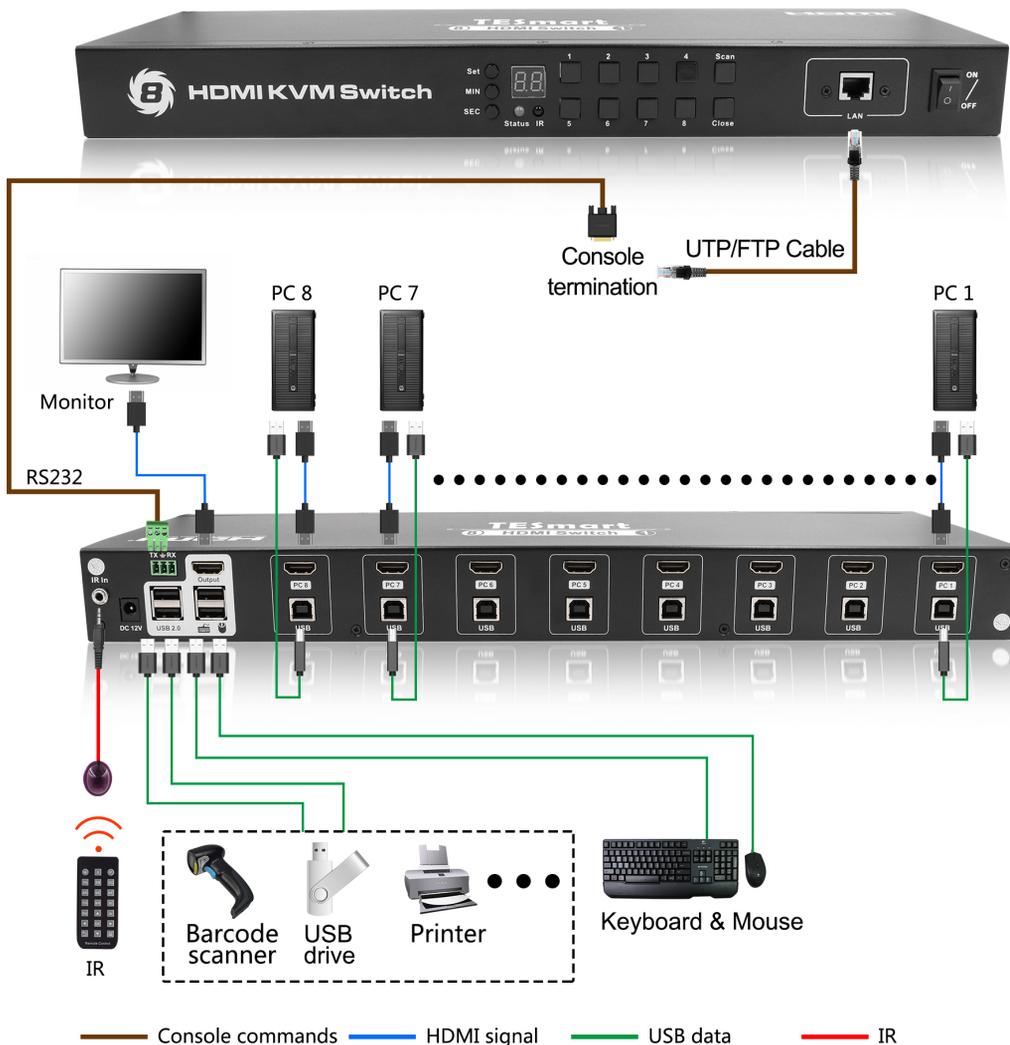
- 1 x HDMI Port

*Use with video adapters may change performance.



PACKAGE CONTENTS

- 1 x 8-port HDMI 1.4 KVM Switch.
- 4 x 1.5 meter (5 ft) KVM Cable with HDMI and USB connectors.
- 1 x DC 12V Power Adapter.
- 1 x IR Remote Control (requires standard CR2025 battery, not included).
- 1 x Remote Control Receiver.
- 2 x Rack Mounting Ear.
- 1 x RS232 3-Pin Connector.
- 1 x Mini CD with Option Software (downloadable on website).
- 1 x English Instruction 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 their dedicated 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 1.4
- Keyboard 1 x USB Type A (port has EDID keyboard emulation)
- Mouse 1 x USB Type A (port has EDID mouse emulation)

Computer Connectors

- Monitor 8 x HDMI 1.4
- Keyboard & Mouse 8 x USB 2.0 Type B
- Audio None. Audio is transmitted via HDMI

Switches

- Firmware Upgrade 1 x USB Type B
- Port Selection 8 x Push button

Connectors

- Serial RS232
- LAN RJ45

SPECIFICATIONS

LEDs

- On Screen Display 1

Emulation

- Keyboard USB
- Mouse USB
- Max Video Resolution 3840 x 2160 @ 30Hz (Lower resolutions at 60Hz)
- Scan Interval 5 – 3600 seconds
- Power Supply DC 12V

Dimensions

- Height 6.0 Inches 15.2 cm
- Depth 1.75 Inches 4.5 cm
- Length 17.5 Inches 44.5 cm
- Weight 3.9 pounds 1.8 kg

Unit Package Dimensions

- Height 7.5 Inches 19.1 cm
- Depth 5 Inches 12.7 cm
- Length 19.25 Inches 48.9 cm
- Weight 6.4 pounds 2.9 kg

Master Carton

- Height 21 Inches 53.4 cm
- Depth 17 Inches 43.2 cm
- Length 17 Inches 43.2 cm
- Units 6
- Weight 42 pounds 19.1 kg



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