

# HKM-02

2-PORT KVM HDMI, USB 2.0 AND AUDIO SWITCH



2-PORT CROSS-PLATFORM HDMI KVM WITH USB KEYBOARD AND MOUSE, AND STEREO AUDIO

## FEATURES

- Supports all major Operating Systems like Windows, Mac, Linux, Sun, Unix, DOS, etc.
- 4K Ultra-HD resolution - supports up to 3840 x 2160 @ 30Hz
- Supports High Definition HDMI
- Supports USB keyboard and mouse
- Supports additional USB 2.0 devices like printers,scanners, web cameras and more
- Balanced stereo audio output
- Front panel tactile switch with LED indicator
- Supports Auto-scan mode for simple discovery

## APPLICATIONS

- Home Theater Integration
- Digital Signage Deployment
- Information Kiosks/Displays
- Film/Recording Studios



Designed and Manufactured in the USA

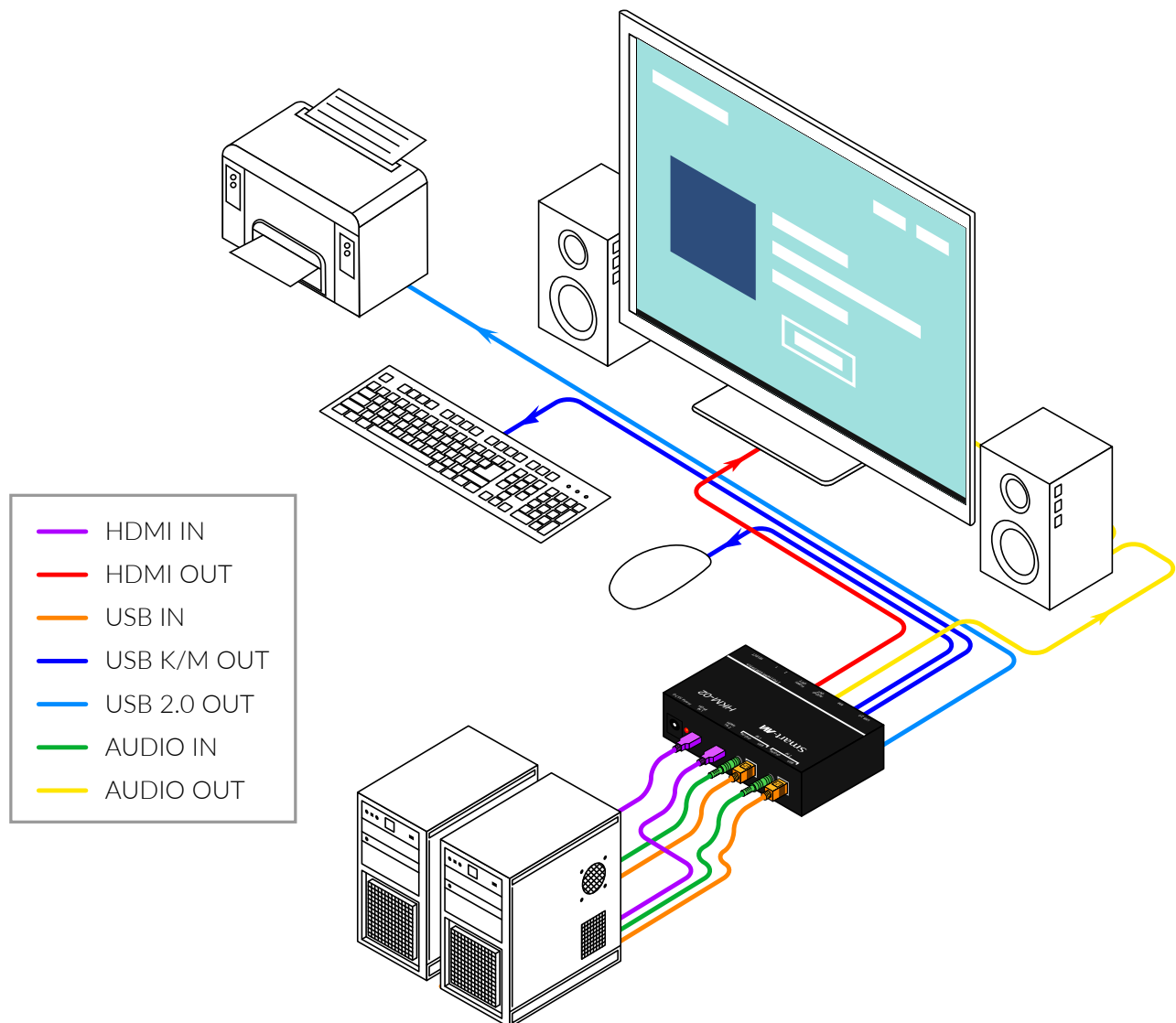
# OVERVIEW

The HKM-02 is a dedicated multi-platform KVM Switch capable of managing up to 2 different computers through a single monitor, USB keyboard and mouse, a set of speakers and USB devices like printers, memory devices, scanners, etc.

The HKM-02 supports resolutions of up to 3840 x 2160 @ 30 Hz with zero pixel loss from TMDS signal correction.

# APPLICATION DIAGRAM

The main function of this KVM Switch is to centralize the access of several computer into a single, comprehensive KVM Station. Its USB 2.0 functionality support allows users at the console to access USB devices that would otherwise be unavailable on conventional KVM Switches. For example, it allows the use of a flash memory drive or camera without having to plug it directly into the remote computer. The HKM-02 is a perfect solution for the medical or industrial field where it may not be practical or safe to have on or more CPUs in the general vicinity.



# FLEXIBLE SHARING

## INDEPENDENT SIMULTANEOUS DEVICE SELECTION

Flexibility is key with the HKM-02. It enables the use of a USB keyboard and mouse on one computer while other USB peripherals such as speakers, scanners and printers are connected to other computer sources. The HKM-02 maintains the ability to switch all connected devices to any one of the computer sources as with any other KVM Switch in the market.

# FRONT AND BACK



HKM-02 Rear



HKM-02 Front

# TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI 1.3b [Deep Color, xvYcc color space supported]
DVI Compliance	Single-link DVI-D 1.1
HDCP Compliance	1.0/1.1
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	3840 x 2160 @ 30 Hz
Input Interface	(2) HDMI [7.1ch audio & video]
Output Interface	(1) HDMI [7.1ch audio & video]
Connector	Type A [19-pin female]
Maximum Distance	25 ft

AUDIO	
Frequency Response	20 Hz to 20 KHz
Impedance	600 ohm
Nominal Level	0-1.0 V
Common Mode	Rejection at 60dB
Input Interface	(2) 3.5 mm Stereo Audio
Output Interface	(1) 3.5 mm Stereo Audio

USB	
Signaling	USB 2.0
Input Interface	(2) USB Type B
Output Interface	(4) USB Type A

CONTROL	
Front Panel	Tact Switch

OTHER	
Power	External 100-240 VAC/5VDC2A @10W
Dimensions	5"W x 1.25"H x 2.875"D
Weight	0.8 lbs.
Approvals	UL, CE, ROHS Compliant
Operating Temp.	32-131°F (0-55 °C)
Storage Temp.	-4-185 °F (-20-85 °C)
Humidity	Up to 95%

PART NO.	DESCRIPTION
HKM-02S	2X1 KVM HDMI, USB, Audio switch Includes: [HKM-02 & (PS5VD2A)]