

TECHNICAL SPECIFICATIONS

VIDEO	
Format	HDMI
Host Interface	(4) HDMI 19-pin (female)
User Console Interface	(1) HDMI 19-pin (female)
Max Resolution	3480 x 2 160 @ 60 Hz
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 10 ft.
Output Cable Length	Up to 10 ft.
USB	
Signal Type	USB 2.0, 1.1, and 1.0 w/ internal hub
Input Interface	(4) USB Type B
Output Interface	(2) USB 1.1 Type A for KVM Devices (2) USB 2.0 Type A Transparent
AUDIO	
Input	(4) 3.5 mm Stereo Audio / (4) HDMI2.0
Output	(1) 3.5 mm Stereo Audio / (1) HDMI2.0
POWER	
Power Adapter	External 100-240 VAC/ 12VDC2A @ 24W
ENVIRONMENT	
Operating Temp	32° to 104° F (0° to 40° C)
Storage Temp	-4° to 140° F (-20° to 60° C)
Humidity	0-80% RH, non-condensing
CONTROL	
Front Panel	Push Buttons with LED indicators
RS-232	Via Serial @ 115200 bps
Hot Keys	Via Keyboard
Mouse	Mouse Roaming in Quad Mode
Web GUI	Via LAN
OTHER	
Emulation	Keyboard, Mouse and Video

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SM-UHS-4S	1	4-port Single Head HDMI Seamless KVM Switch with Multiviewer
PS12VDC2A	1	12V DC, 2A power adapter with center-pin positive polarity.
	1	Quick Start Guide

NOTICE

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Toll Free: (888)-994-7427

Phone: (702) 800-0005

2917 E Alexander Rd.
North Las Vegas, NV 89032

smartavi.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

SM-UHS-4S

Advanced KVM Switch

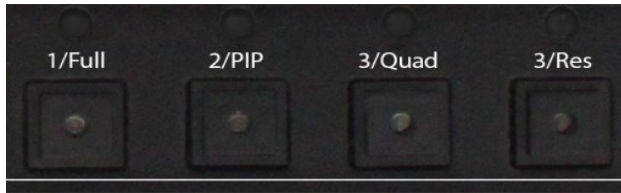


4-Port Single-Head HDMI Seamless KVM Switch w/ Multiviewer

Quick Start Guide

A full Manual can be downloaded from
www.smartavi.com/SM-UHS-4S/

FRONT PANEL



Res(resolution) – Cycles between 3 resolutions.

1. 3840x2160@60
2. 3840x2160@30
3. 1920x1080@60

SYSTEM CONTROL

There are three ways to control the SM-UHS-4S: Keyboard HotKeys, RS-232 Serial Commands, and Front Panel Buttons.

The settings for the serial connection are as follows: Baud rate: **115200**; Data Bits: **8**; Parity: **None**; Stop Bits: **1**;

Command	HotKey	RS-232
Switch KWM	[CT] [CT] [#]<CR>	//[#]m<CR>
Switch Audio	[CT] [CT] a[#]<CR>	//a[#]<CR>
Switch USB 2.0	CT] [CT] u[#]<CR>	//u <CR>
Switch KM	CT] [CT] c[#]<CR>	//c <CR>
SW Reset	[CT] [CT] r <CR>	//r <CR>
Mouse Roam ON	[CT] [CT] ks	//ks<CR>
Mouse Roam OFF	[CT] [CT] km	//km<CR>
Full Screen	[CT] [CT] y[1-4]<R>	//y[1-4]
PIP	[CT] [CT] p[1-4] [1-4]<CR>	//p[1-4] [1-4]
Quad	[CT] [CT] q <CR>	//q
Set Resolution	[CT] [CT] s [1-3]<CR>	//s [1-3]

Chart Key

[CT] = Ctrl

<CR> = Carriage Return (Enter Key)

HARDWARE INSTALLATION

1. Ensure that power is turned off or disconnected from the unit and the computers.
2. Use a USB cable (Type-A to Type-B) to connect a USB port on each computer to the respective USB ports on the unit.
3. Use a HDMI cable to connect the HDMI output port from each computer to the corresponding HDMI IN ports of the unit.
4. Optionally connect a stereo audio cable (3.5mm to 3.5mm) to connect the audio output of the computers to the AUDIO IN ports of the unit.
5. Connect a USB keyboard and mouse in the two USB console ports.
6. Connect a monitor to the HDMI OUT console port of the unit using a HDMI cable.
7. Optionally connect stereo speakers to the AUDIO OUT port of the unit.
8. Power on the KVM by connecting a 12VDC power supply to the power connector.
9. Optionally, connect a redundant power supply to the secondary power connector for power failure protection.
10. Turn on all the computers.

