TECHNICAL SPECIFICATION

VIDEO	
Format	HDMI 1.4, 1.0
Input Interface	(8) HDMI (female)
Output Interface	(1) HDMI (female)
Resolution	Up to 4K (3840x2160 @30Hz)
DDC	5 volts p-p (TTL)
Input Equalization	Automatic
Input Cable Length	Up to 20 ft.
Output Cable Length	Up to 20 ft.

AUDIO	
Input Interface	(8) 3.5 mm Stereo Audio
Output Interface	(1) 3.5 mm Stereo Audio
Impedance	600 Ohm
Frequency Response	20 Hz to 20 kHz
Nominal Level	0-1.0 V
Common Mode	Rejection at 60 dB

USB	
Signal Type	USB 2.0, 1.1, and 1.0 w/ internal hub
Input Interface	(8) USB Type B
Output Interface	(2) USB 1.1 Type A for K/M (2) USB 2.0 Type A Transparent

CONTROL	
Front Panel	Buttons, Select/Switch between sources and view the current selected channel
RS-232	DB9 Female - 9600 N,8,1, No flow control
Hot Keys	Via Keyboard

OTHER	
Power	100-240 VAC/ 5VDC4A
Dimensions	1.75" H x 6.25" D x 14.75" W
Weight	3.5 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%
Emulation	Keyboard and Mouse

WHAT'S IN THE BOX

PART NO.	Q-TY	DESCRIPTION
HDN-8P-S	1	8-Port HDMI KVM Switch with USB 2.0 and Audio Sharing
PS5VD4A	1	PS5VD4A Power Supply
Quick Start Guide	1	

NOTICE

DESIGNED AND MADE IN THE USA

800.AVI.2131, 702.800.0005
2455 W Cheyenne Ave, Suite 112
North Las Vegas, NV 89032

SmartAVI.com

Smart-AVI
SMART AUDIO VIDEO INNOVATION

HDN-8P

8-Port HDMI KVM Switch with USB 2.0 and Audio Sharing

ACCESS AND CONTROL UP TO 8 COMPUTERS FROM A SINGLE WORKSTATION

Quick Start Guide

OVERVIEW

HDN-8P is a dedicated multi-platform KVM switch capable of managing eight computers through a single HDMI monitor, USB keyboard, USB mouse, and other USB 2.0 devices. This is the first KVM switch on the market that features support for 4K Ultra HD (3840x2160 @30Hz or 4Kx2K @60Hz YUV4:2:0) workstations. The device also features SmartPreview technology, which enables simultaneous picture-in-picture monitoring of the other sources connected to the switch. This helpful technology allows users to keep tabs on the other connected workstations without constantly needing to switch back and forth.
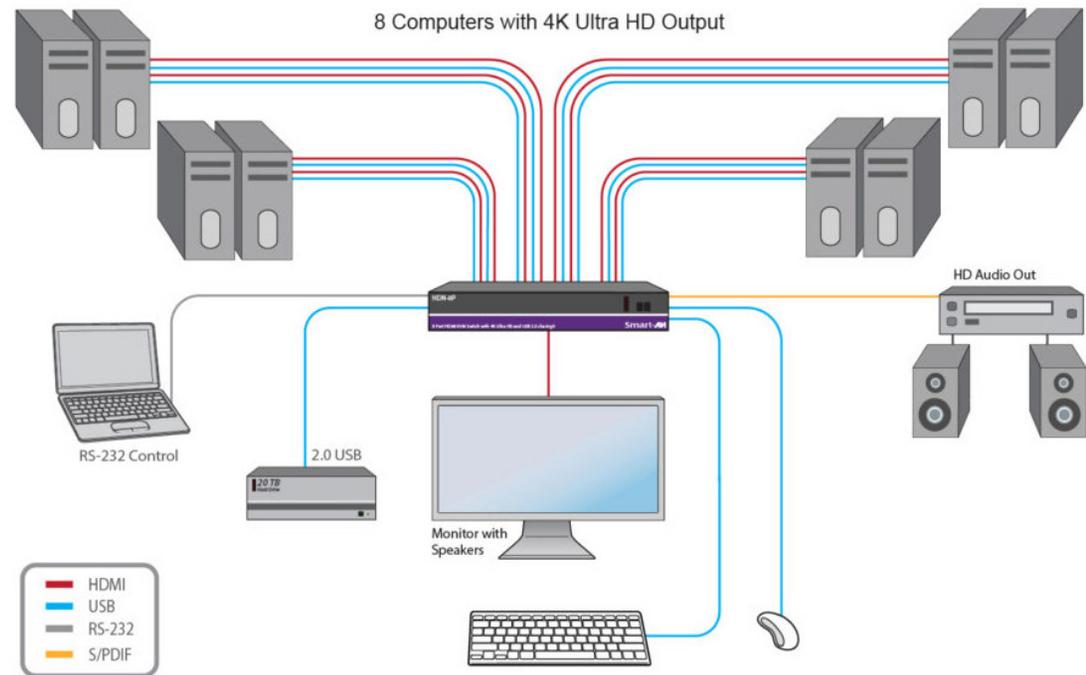
FEATURES

- Switches eight Ultra HD sources to one Ultra HD display
- Supports resolutions up to 4K Ultra HD (3820 x 2160 @ 30 Hz), including 1080p (@ 60 Hz) full HD
- Uses HDMI 1.4 ports
- Supports 3DTV pass through
- Zero pixel loss with TMDS signal correction
- Supports all USB 2.0 devices, including keyboard and mouse
- Control Sun, Mac or PC workstations from one KVM console
- Rack mountable in a standard 19 inch rack
- Flash upgradable firmware
- Supports HDCP
- Supports LPCM 7.1, Dolby True HD, Dolby Digital Plus and DTS-HD Master Audio
- Supports control via RS-232
- Hot key commands for quick channel selection
- Independent (asynchronous) switching of KVM and peripheral USB ports. Users can scan a document and save it in another computer
- Complete keyboard emulation for errorfree booting
- Front panel keys for manual switching
- Supports DVI sources/display with DVI-to-HDMI adaptors (not included)

HARDWARE INSTALLATION

1. Ensure that power is disconnected from the HDN-8P
2. Connect the HDMI cables and USB cables (male-A to male-B) from the computers to the respective ports on the HDN-8P
3. Optionally connect RS-232 for control functions
4. Connect the USB keyboard and mouse to the two USB ports with keyboard and mouse symbols
5. Optionally connect speakers to the S/PDIF Optical Audio port
6. Optionally connect up to 2 USB peripheral devices such as printers or flash drives
7. Connect the display monitor to the HDMI OUT connector on the HDN-8P
8. Power on the HDN-8P

HDN-4P FRONT

HDN-4P BACK