HALL
T E C H N O L O G I E S

KVM-HDU-4
4-Port HDMI KVM Switch with USB 2.0 and 4K Video Support

FEATURES

- Supports high resolution video such as1920x1080, 2560×1600 or 3840×2160
- 4 Individual buttons on the front panel for selecting inputs
- Full plug-and-play support with USB keyboard, mouse, and connected peripherals
- Emulates keyboard, mouse and display for all PCs
- No power supply required (sold separately) for most applications
- Smart EDID Management
- Provides USB 2.0 Hub that switches to the selected PC
- Computer OS independent - No driver or software required

DESCRIPTION

The KVM-HDU-4 is a compact 4 port HDMI KVM Switch that features high speed video switching with HDMI Sink emulation technology, integrated 2-port USB hub, and Keyboard & mouse emulation for each PC input.

The switch supports ultrahigh resolution video including: 2560×1440, 2560×1600, and 3840×2160 @ 60 Hz.

Connected PCs do not experience any interruption to the video, keyboard, and mouse operation because of switching among the 4 inputs. All connected PCs continuously detect a keyboard, mouse and display regardless of the currently selected port.

The KVM-HDU-4 provides an integrated 2-port USB 2.0 Hub. This hub gets connected to the selected PC as the user switches among the 4 inputs. Users can connect other USB devices such as webcams, touch screens or printers to the KVM Switch. Devices plugged into the USB hub ports on the KVM Switch are only routed to the selected PC. When you select a new PC, those USB devices disconnect from the last PC and connect to the newly selected PC.

A power supply connection is not required. The KVM draws its operating power from the PC USB connections. However, a 5v power input connector is provided on the unit for special cases where power-hungry USB devices are used and/or the PCs do not meet the USB power sourcing specifications.

The front panel features 4 individual buttons for selecting inputs. LED indicators show the currently selected input port and the status of each input. Inputs can also be selected via hot-key sequences from the keyboard.

Video Standard:	HDMI
Number of Inputs:	4
Bandwidth:	600 MHz pixel clock or 18 Gbps video data rate
Max Resolution:	3840 x 2160 @ 60Hz (4:4:4)
USB Standard:	2.0
Connectors:	4x USB Type A Female for Hosts (PCs) 1x Keyboard Type A Female 1x Mouse Type A Female 2x USB 2.0 Peripherals from Built in Hub. Type A Female
Optional Power Supply:	5 VDC @ 2A (Sold Separately) Note: Power supply is not needed if USB inputs are connected
Power Consumption:	0.7 watts Excluding extra power drawn by USB devices that may be connected
Temp/Humidity:	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, non-condensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, non-condensing
Cooling:	Convection
Enclosure type:	Metal
Dimensions:	9.65" x 3.74" x 1.61" (245mm x 95mm x 41mm)
Weight:	Device: 1.85 lbs (840g) Shipping: 2.2 lbs (1 kg)
Vibration:	ISTA 1A in carton (International Safe Transit Association)
Safety:	CE
EMI/EMC:	CE, FCC Class A
MTBF:	90,000 hours (estimate)
Warranty:	3 years parts and labor