

iSwitch 801HKL

4K60 8x1 HDMI KVM Switcher Lite

Datasheet V1.0





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1. DESCRIPTION

This 8x1 HDMI2.0 KVM Switch provides you with great flexibility in integrating cross-platform computer equipment easily. It makes you available to switch easily and reliably between any HDMI computers using one HDMI compliant display.

The 8x1 HDMI2.0 KVM Switcher not only have 2 USB 2.0 ports but also have keyboard and mouse ports. While using the mouse and keyboard control, USB2.0 can also be connected to USB drive and hub at the same time. By using USB 2.0 hub ports on the KVM, you even can attach USB drive, printer, barcode scanner, web cam, USB microphone/ speaker or other USB devices to the KVM. Switching can be controlled through variable methods, such as the front panel buttons, RS232 and hot keys on keyboard.

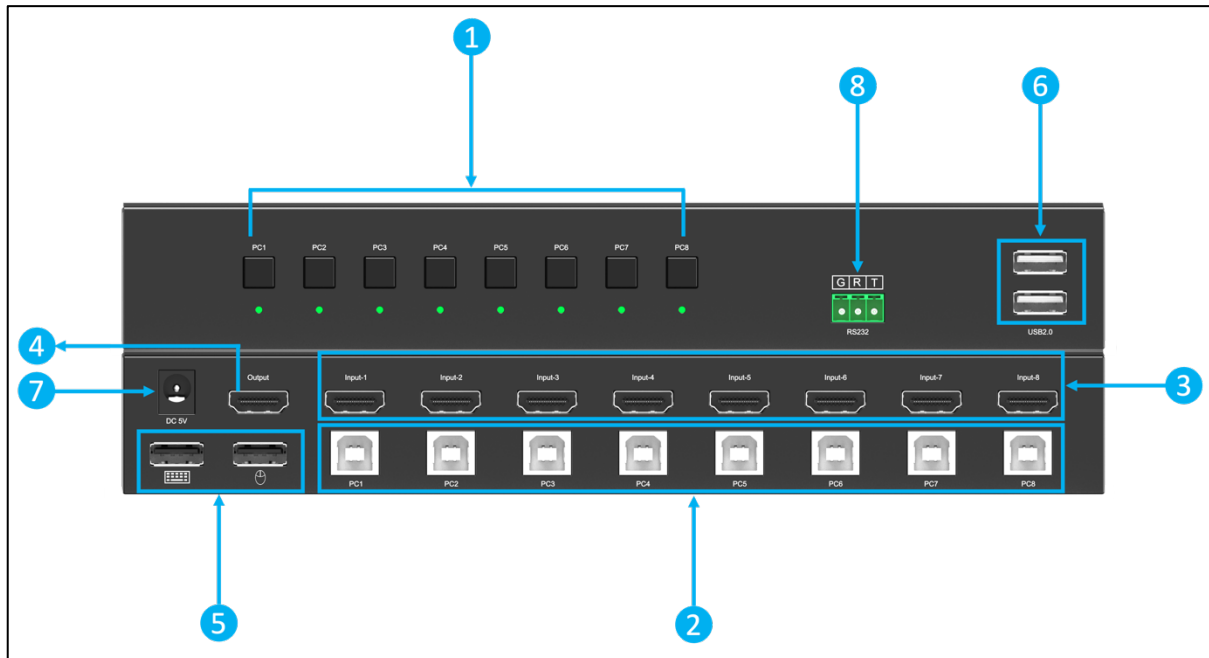
2. FEATURES

- Using only 1 set of keyboard, mouse and monitor to control 8 computer devices
- Support hot key commands and mouse gesture to switch inputs
- Support front panel buttons, RS232, keyboard hot keys to control KVM switch.
- Available to use keyboard without any delay after switch input sources
- Support resolution up to 3840*2160@60Hz 4:4:4
- Compliant with and HDCP 2.2, HDMI2.0
- Support USB 2.0 for printers, USB drive, web cam, USB microphone/ speaker etc
- Support Unix/Windows/Debian/Ubuntu/Fedora /Mac OS X/Raspbian/Ubuntu for Raspberry Pi and other Linux based system.
- Support hot plug, connect or disconnect devices to the KVM switch in any time and without turning off devices.
- Support HDR 10 and Dolby Vision
- Plug and play.

3. PACKAGE LIST

- 1x iSwitch 801HKL
- 1x DC to USB power cable
- 8x USB A to B Cables
- 1x User manual

4. PANELS



No.	Ports	Descriptions
1	Indicators and switch	PC1/2/3/4/5/6/7/8 Indicator and switch
2	8x USB B 2.0	To PC1/2/3/4/5/6/7/8 hosts
3	8x HDMI A Inputs	To PC1/2/3/4/5/6/7/8
4	1x HDMI A Output	To display
5	2x USB A 2.0	To Keyboard Mouse
6	2x USB A 2.0	USB devices
7	DC 5V	Power Supply IN
8	1x 3-pin block terminal	RS232 Control

5. SPECIFICATION

Model	iSwitch 801HKL
Name	4K60 8x1 HDMI KVM Switcher Lite
Protocol	HDMI 2.0; HDCP 2.2
HDMI Bandwidth	18Gbps
Resolution	Up to 3840x2160@60Hz 4:4:4
HDMI Port	8x HDMI Type A
HDMI Cable	Less than 5meters at 1080p@60Hz
RS232	3-pin connector
Baud rate	1152000bps
Data bit	8bits
USB Devices	2x USB 2.0 type A
PC1/2/3/4/5/6/7/8	8x USB 2.0 Type B
K/M	2x USB 2.0 Type A, Keyboard and mouse
Supported OS	Unix/Windows/Debian /Ubuntu /Fedora /Mac OS X/ Raspbian /Ubuntu for Raspberry Pi and other Linux based system
Power adapter	DC 5V2A
ESD Protection	Human body model - $\pm 8\text{kV}$ (Air-gap discharge)
Temperature	$-5^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Humidity	5% ~ 90%
Product Dimension	247(L) x 72(W) x 36(H) mm
Warranty	3 years

6. DIAGRAM

