

# iSwitch 401HKL

4K60 4x1 HDMI KVM Switcher Lite

*Datasheet V1.0*





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# 1. DESCRIPTION

This 4x1 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 4x1 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.

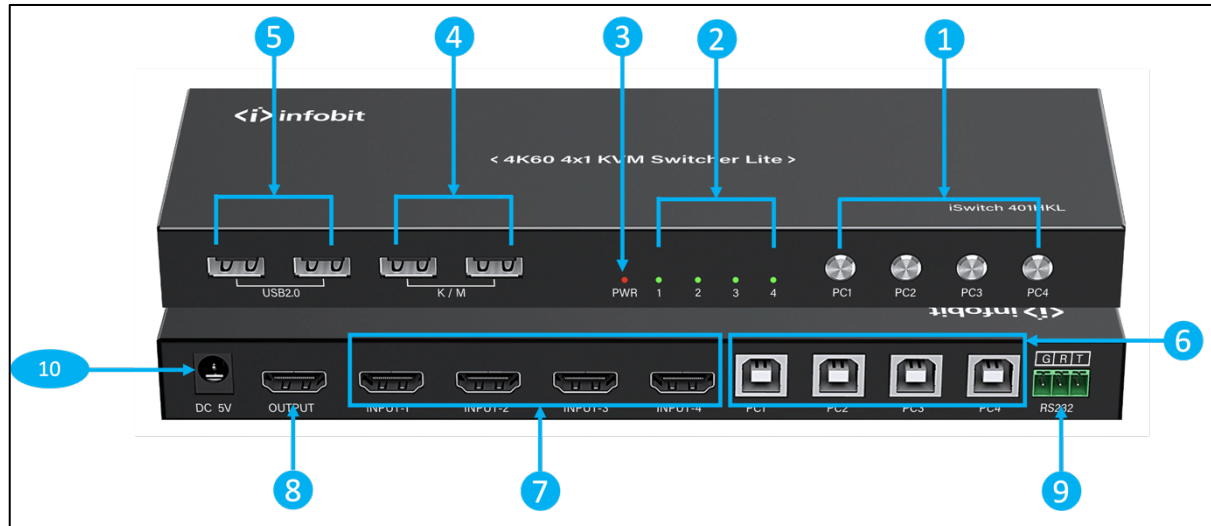
# 2. FEATURES

- Using only 1 set of keyboard, mouse and monitor to control 4 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 401HKL
- 1x DC to USB power cable
- 4x USB A to B Cables
- 1x User manual

## 4. PANELS



| No. | Ports                   | Descriptions           |
|-----|-------------------------|------------------------|
| 1   | Switch                  | Switching PC1 to PC4   |
| 2   | Indicators              | PC1/2/3/4 Indicator    |
| 3   | Indicator               | Power Status Indicator |
| 4   | 2x USB A 2.0            | Keyboard and Mouse     |
| 5   | 2x USB A 2.0            | USB devices            |
| 6   | 4x USB B 2.0            | To PC1/2/3/4 hosts     |
| 7   | 4x HDMI A Inputs        | To PC1/2/3/4           |
| 8   | 1x HDMI A Output        | To display             |
| 9   | 1x 3-pin block terminal | RS232 Control          |
| 10  | DC 5V                   | Power Supply IN        |

## 5. SPECIFICATION

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| Model             | iSwitch 401HKL                                                                                                      |
| Name              | 4K60 4x1 HDMI KVM Switcher Lite                                                                                     |
| Protocol          | HDMI 2.0; HDCP 2.2                                                                                                  |
| HDMI Bandwidth    | 18Gbps                                                                                                              |
| Resolution        | Up to 3840x2160@60Hz 4:4:4                                                                                          |
| HDMI Port         | 4x 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         | 4x 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/<br>Raspbian /Ubuntu for Raspberry Pi and other Linux<br>based system |
| Power adapter     | DC 5V                                                                                                               |
| ESD Protection    | Human body model - $\pm 8\text{kV}$ (Air-gap discharge)                                                             |
| Temperature       | -5°C ~ +70°C                                                                                                        |
| Humidity          | 5% ~ 90%                                                                                                            |
| Product Dimension | 225(L) x 67(W) x 22(H) mm                                                                                           |
| Warranty          | 3 years                                                                                                             |

## 6. DIAGRAM

