3x1 USB Type-C KVM Switch

CKS0301A1U

This 3x1 USB Type-C 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 USB Type-C computers using one HDMI compliant display.

The 3x1 USB Type-C KVM Switch support using a USB-C fast charger to charge the device connected to input port 1. Support Analog L/R audio output. Support USB 2.0 hub and USB 2.0 keyboard /mouse. By using USB 2.0 hub port on the KVM, you can even attach USB drive, printer, barcode scanner or other USB devices to the KVM. Switching can be controlled through variable methods, such as the front panel button, IR signals and hot keys on keyboard. Support keyboard and mouse pass through mode to improve mouse and keyboard compatibility, connect them to the Switch just as you have plugged these devices directly to computer. With EDID emulator in each input port, keep PCs always having correct display information, prevent display settings from changing while switching input ports.
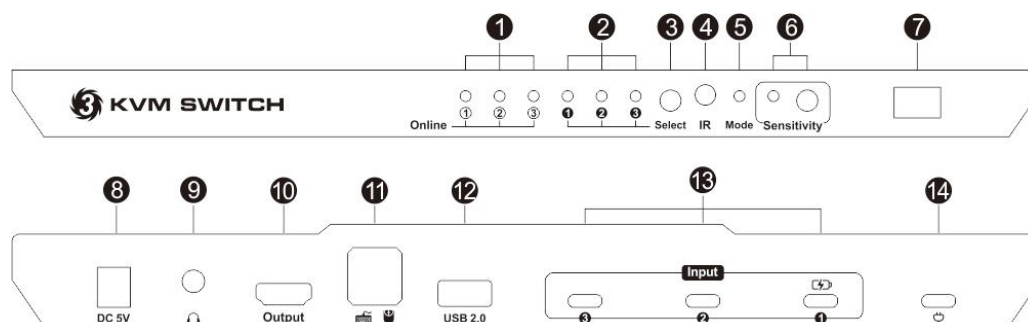
Features

- Using only 1 set of keyboard ,mouse and monitor to control 3 computer devices
- Support resolution up to 3840*2160@60Hz 4:4:4
- HDCP 2.2 compliant
- Support Unix/Windows/Debian/Ubuntu/Fedora/Mac OS X/ Raspbian/Ubuntu for Raspberry Pi and other Linux based systems
- Available to use keyboard and mouse without any delay after switching input sources
- With USB 2.0 hub port, it is possible to connect barcode scanner, USB hard drive or other USB devices to KVM
- With EDID emulators in each input port, keep PCs always having correct display information
- Support front panel button, IR signals, keyboard hot keys and mouse gesture to control KVM to switch inputs
- Support auto switching to monitor computers in a specified time interval
- Support analog L/R audio output
- Support HDR 10 and Dolby Vision
- Support keyboard and mouse pass through mode to improve mouse and keyboard compatibility
- Support using a USB Type-C fast charger to charge the devices connected to input port 1
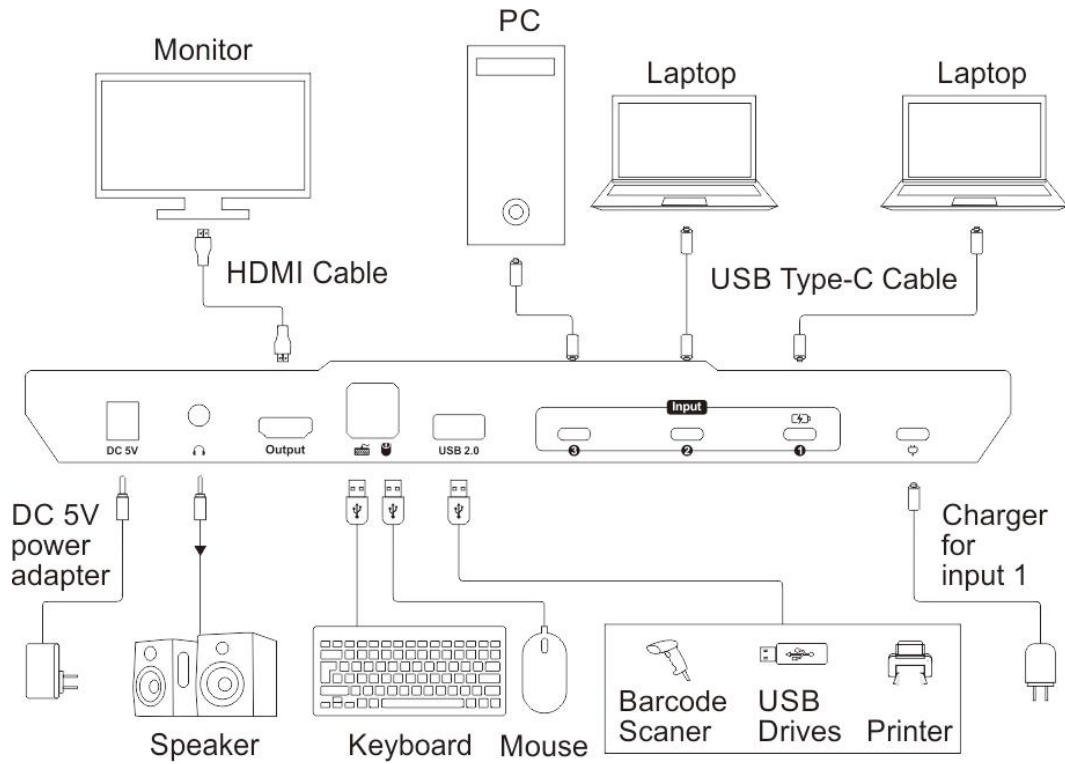
Packing list

1 * 3x1 USB Type-C KVM Switch
1 * DC 5V power adapter
1 * IR remote control
1 * User Manual
3 * USB Type-C cables
1 * Quick-Start Guide

Panel Descriptions

ID	Name	Description
1	USB connection status	LEDs will be lit if the KVM is connected to computers, and computers are on
2	Input selection status	Indicate current selected input source
3	Input selection button	Select input sources
4	IR receiver	Receive IR remote signal
5	Keyboard and mouse pass through mode status	LED will be lit if the keyboard and mouse pass through mode is activated
6	Mouse sensitivity adjust button and indicator	The LED will be lit if fast switching mode (Mouse gesture) is activated.
7	Power switch	Turn on or off power supply
8	DC 5V	5V DC power supply
9	L/R audio output	Analog L/R audio output
10	HDMI output	Connect to HDMI display
11	Keyboard and mouse input	For USB keyboard and mouse input, including wireless keyboard and mouse
12	Standard USB2.0 port	Connect to USB2.0 devices, printers, barcode scanner, USB drives, etc.
13	USB Type-C ports	Connect to USB Typr-C source devices
14	USB Type-C charging port	Connect to USB Type-C fast charger for charging the device connected to Input port 1

Connection Diagram

Specification

CKS0301A1U	3x1 USB Type-C KVM Switch	
Functionality:		
Auto Scan	Yes	
Port selection	Front panel buttons	Yes
	Keyboard hotkeys	Yes
	IR remote control	Yes
	Mouse gesture	Yes
	Console commands	No
Technical:		
Max. Resolution	3840x2160@60Hz	
Auto to get EDID	Yes	
Data rate	18 Gbps	
Auto scan interval	5~254 Seconds	
Beep Sound	On/Off	
OSD	No	
Supported OS	Unix/Windows/Debian /Ubuntu /Fedora /Mac OS X/ Raspbian /Ubuntu for Raspberry Pi and other Linux based systems	
Console ports	Keyboard emulation	1 * USB Type A
	Mouse emulation	1 * USB Type A
	USB 2.0 Hub ports	1 * USB Type A
	Video /Audio	1 * HDMI Type A
System ports	L/R audio output	1 * AUX
	Video / Audio	3 * USB Type-C
	Charging port	1 * USB Type-C
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical:		
Chasing material	Aluminum Alloy	
Product	Dimension	300 (L) x 117 (W) x 30 (H) mm
	Weight	507g
Item	Dimension	338 (L) x 166 (W) x 90 (H) mm
	Weight	1100g
Carton	Dimension	490 (L) x 360 (W) x 360 (H) mm
	Quantity	10pcs
	Total Weight	11.85kg