DP Dual Monitor KVM Switch

PKS0802A10

DP Dual Monitor KVM Switch can easily integrate cross-platform computer devices. Our Dual Monitor KVM Switch can help you add more inputs to your TV or AV receiver if you have too many devices to manage. Each input device requires 2 DisplayPort inputs to display to 2 monitors. Support 2 display mode, you can choose any connected PC to duplicate or extend to 2 monitors, or switch any PC to display on any monitor at will. Support DCCI, you can extend the connected PCs to up to 4 monitors using 2 of this KVM Switch. Supports using USB hubs and USB keyboard and mouse. You can connect a printer, USB drive, bar code scanner or other USB 2.0 devices to this KVM. This product also supports several other switching modes. You can switch input ports with front panel button, IR signals and keyboard hot keys.

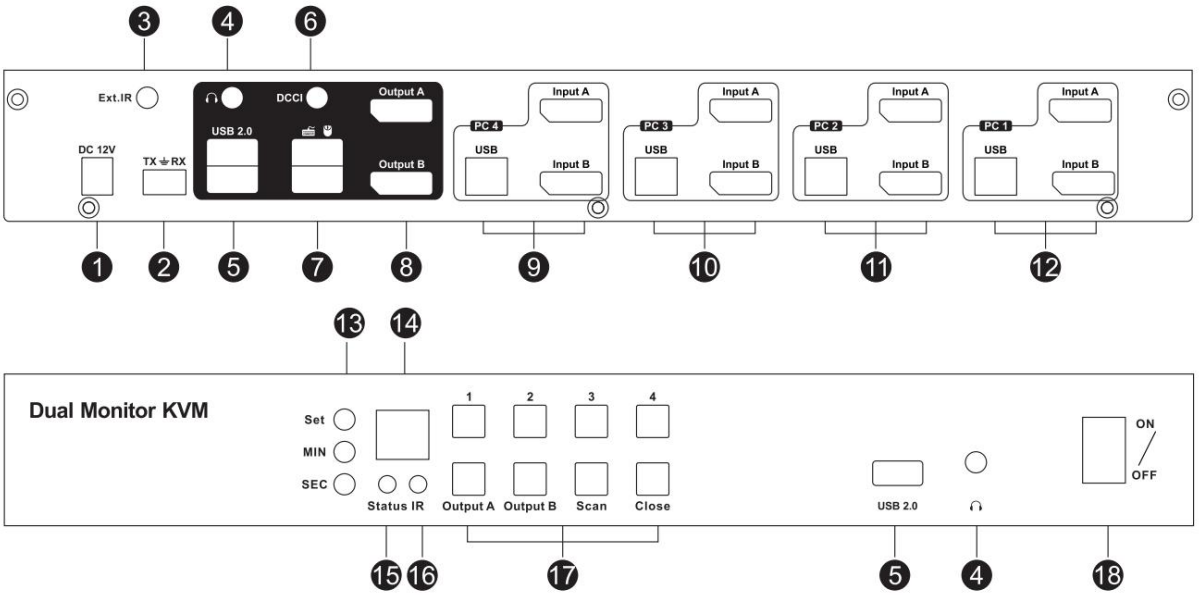
Features

Using only 1 set of keyboard, mouse and 2 monitors to control 4 computers
Support 2 monitors to display the desktop of 1 computer or to display 2 desktops at the same time.
Support Unix/Windows/Debian/Ubuntu/Fedora/Mac OS X/ Raspbian/Ubuntu for Raspberry Pi and other Linux basic system
Support resolution up to 3840*2160@60HZ
Support hot plug, disconnect or connect devices to the KVM at any time without turning off PC
Support front panel button, keyboard hotkeys, IR remote control and RS232 to control KVM
Available to use keyboard and mouse without any delay after switching input sources
With extra USB 2.0 port, it is possible to connect bar code scanner, USB hard device or other USB device
Support keyboard and mouse pass through mode to improve KVM compatibility
Support auto switch to monitor computers in a specified time interval
Support DCCI

Packing list

1 * Dual Monitor DP KVM Switch
1 * IR remote control
1 * IR Receiver cable
1 * DC 12V power adapter
1 * 3 Pins Connector(For RS232)
2 * Rack-ears
1 * AUX Cable
1 * User manual

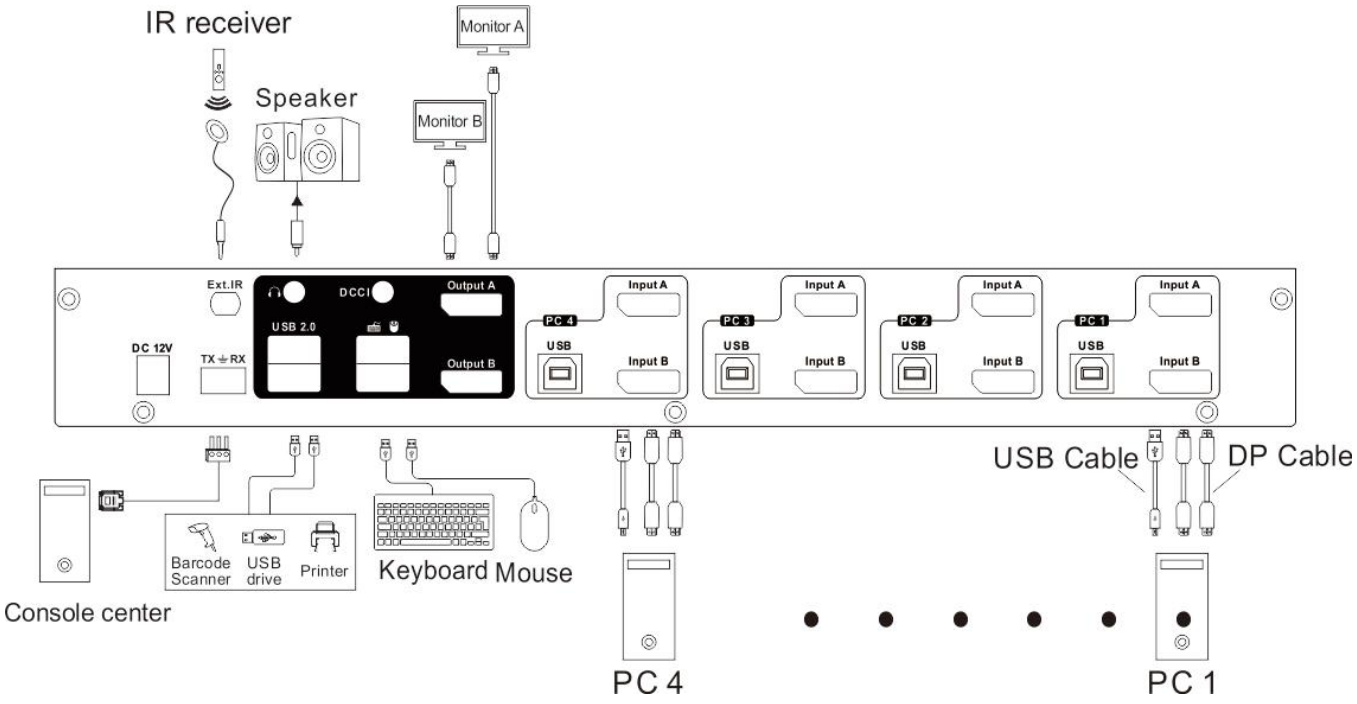
Panel Descriptions



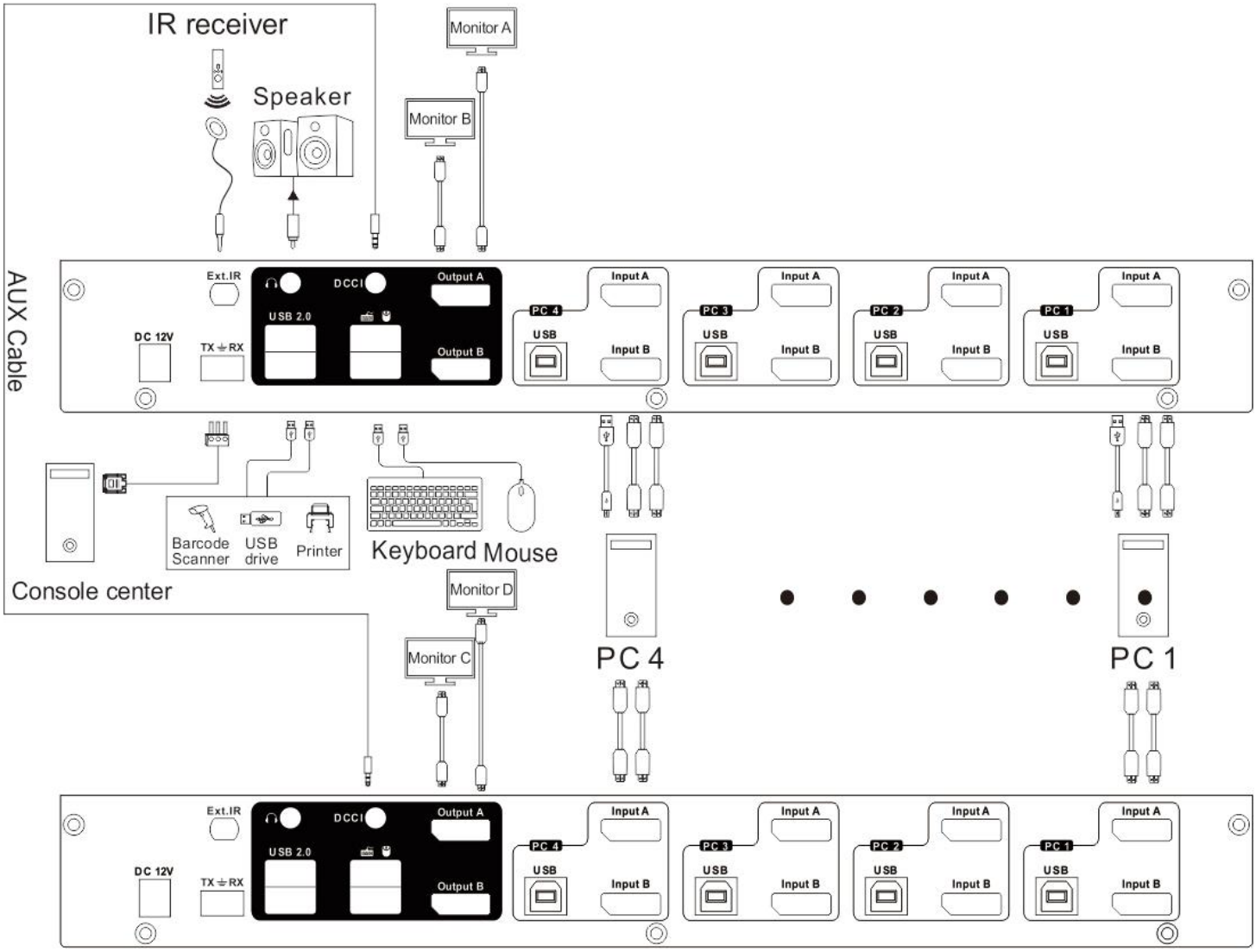
ID	Name	Description
1	DC 12V input	DC 12V power supply
2	RS232 port	Connect this port to any control termination, then it is able to select the input sources by sending RS232 commands
3	Ext.IR	For extended IR receiver cable input
4	L/R audio output	Analog audio output, connect to speaker
5	Standard USB 2.0 port	Connect to USB 2.0 devices, printers, USB drives
6	DCCI port	Used for product cascading to realize simultaneous display of 4 monitors
7	Keyboard and mouse input	Connect to keyboard and mouse
8	HDMI output ports	Connect to DP displays
9	PC 4 Input	**DP input A/B:**Connect to the two outputs of the same computer **USB:**Connect to computer by USB Type A to Type B cable
10	PC 3 Input	**DP input A/B:**Connect to the two outputs of the same computer **USB:**Connect to computer by USB Type A to Type B cable
11	PC 2 Input	**DP input A/B:**Connect to the two outputs of the same computer **USB:**Connect to computer by USB Type A to Type B cable

12	PC 1 Input	**DP input A/B:**Connect to the two outputs of the same computer **USB:**Connect to computer by USB Type A to Type B cable
13	Auto scan time interval settings	**[MIN]:** Press **[MIN]** to loop between 0~59 minutes **[SEC]:** Press **[SEC]** to loop between 0~59 seconds **[Set]:** After setting minutes and seconds, press button **[Set]** to enter final scan time interval setting
14	LED display	Display current selected input port
15	Status LED	**Red:** Turn off auto scanning mode **Green:** Turn on auto scanning mode
16	IR receiver	**Receive IR remote signal**
17	Keypad	**[1~4]:** Press button[1]~[4] to directly select input 1~4 **[Output A]:** Keyboard and mouse focus on the desktop of output A in the display mode 2 **[Output B]:** Keyboard and mouse focus on the desktop of output B in the display mode 2 **[Output A]+[1~4]:** After pressing [Output A], then press [1~4] to switch input sources of output A **[Output B]+[1~4]:** After pressing [Output B], then press [1~4] to switch input sources of output B **[Close]:** Press this button to turn on or off the LED display and monitor **[Scan]:** Press this button to start or stop automatically scanning between input1 to input8. The interval time can be set by [Set], [MIN], [SEC] as described above
18	Power switch	Turn on or turn off power supply

Connection Diagram



DCCI Connection Diagram



Specification

PKS0802A10	DP Dual Monitor KVM Switch	
Functionality:		
Auto Scan	Yes	
Port selection	Front panel buttons	Yes
	Keyboard hotkeys	Yes
	IR remote control	Yes
	Console commands	RS232
Technical:		
Max. Resolution	3840x2160@60Hz	
Auto to get EDID	Yes	
Data rate	18 Gbps	
OSD	No	
Supported OS	Unix/Windows/Debian /Ubuntu /Fedora /Mac OS X/ Raspbian /Ubuntu for Raspberry Pi and other Linux based systems	
Input ports	Video /Audio	8 * DP Type A
	USB 2.0 Hub ports	3 * USB Type A
	USB Data	4 * USB Type B
Output ports	Video /Audio	2 * DP Type A
	USB 2.0 Hub ports	1 * USB Type A
	Keyboard/Mouse emulation	2 * USB Type A
	L/R audio output	2*AUX
	DCCI output	1*AUX
	Ext.IR	1*AUX
	RS232	3 Pins jack
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical:		
Chasing material	Metal	
Product	Dimension	350 (L) x 149 (W) x 44.5 (H) mm
	Weight	1268g
Item	Dimension	397 (L) x 197(W) x 107 (H) mm
	Weight	2764g
Carton	Dimension	505 (L) x 280 (W) x 395 (H) mm
	Quantity	4pcs
	Total Weight	11.806kg