User Manual

WolfPack 16x1 HDMI 2.0 KVM Switch

4K@60Hz 8bit RGB4:4:4

Raspberry Pi Remote Control

Servo controlled switchgear

HDTVSW161H20-KVM

Make Installation Easy

OVERVIEW

The 16- Port HDMI2.0 KVM switch allows 16 PC to be switched to one monitors.You can operate all 16 computers with one set of keyboard and mouse.No matter where you are you can log in to the Raspberry Pi remotely to operate the 16 computers. We also provide servos to control the switching on and off of the computer.

This KVM support resolution up to 4K@60Hz RGB4:4:4, 8bit. As well as being compatible with these systems Windows, Unix and Mac OS X. .This product can be used in remote offices, data centres that do not have internet access for data security, etc.

FEATURES

• Support HDMI2.0

• Supports highest video resolution 4K/60Hz 8bit, RGB4:4:4

• Support 16 HDMI2.0 input and 1 HDMI output

• Support raspberry Pi Remote Control

• Support servo controlled switchgear

• Supports USB0.0 480Mbps
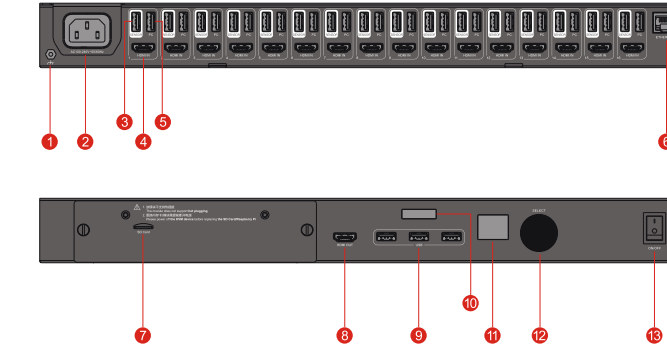
• No driver installation required

PRODUCT DIAGRAM
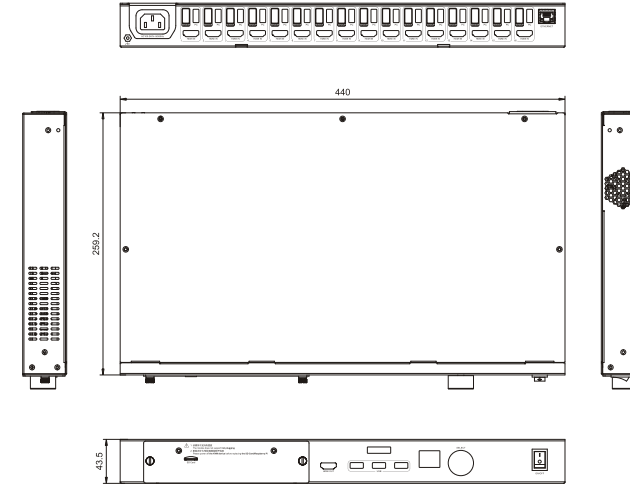
Package Accessories:
❶ HDMI KVM SWITCH x1
❷ PDU CABLE x1
❸ SD CARD x1

PRODUCT INTERFACE DESCRIPTION


❶ GND.
❷ AC Power,100~240V.
❸ Servo port,connect servo to tun ON/OFF computers.
❹ HDMI input,connect to computer HDMI output.
❺ USB HOST port,connect to computer USB port.
❻ Ethernet port,connect to router.
❼ SD port,for PI OS
❽ HDMI output,connect to monitor.
❾ USB DEVICE port,use for mouse,keyboard or other USB device.
❿ LCD display,display message of PI OS,like IP.
⓫ LED display,display channel message of HDMI port and USB port.
⓬ HDMI and USB channel selector knob.
⓭ Power switch.

OPERATING AND CONNECTING

1.Connect PC signal sources into HDMI KVM switch input with 16 HDMI2.0 cables
2.Connect 1 HDMI displays into HDMI switch output with 1 HDMI2.0 cables
3.Connect PC USB2.0 ports into HDMI KVM switch host ports with USB2.0 type A to type B cables
4.Connect mouse & keybord into HDMI KVM switch USB ports
5.Connect the KVM's network port to the router with a network cable
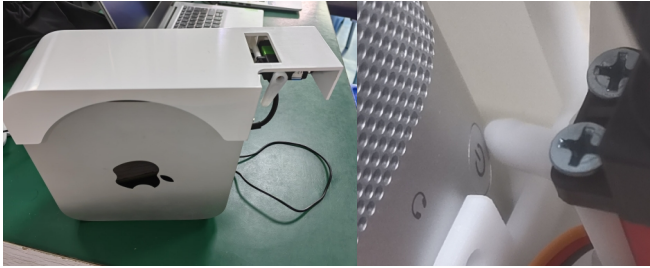6.Connect the power cord and switch it on

INSTALLATION
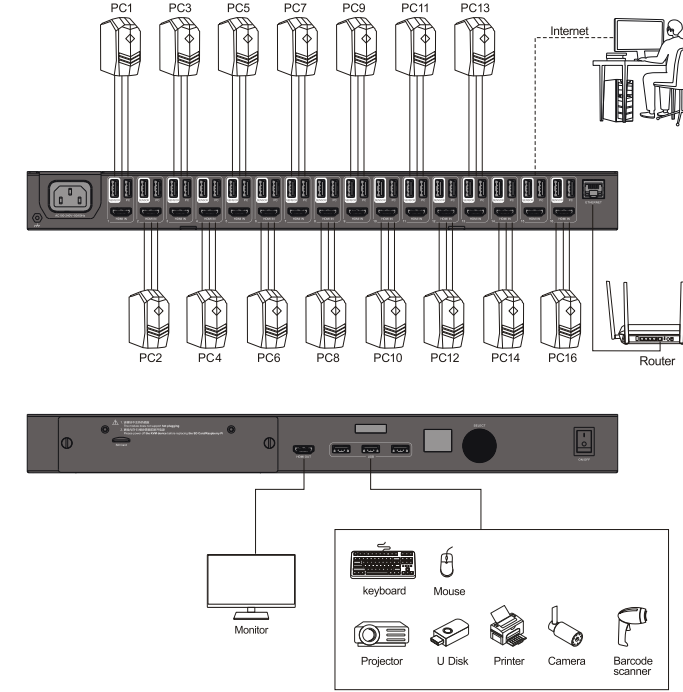
Raspberry Pi Remote Control(Access via an external network requires a fixed IP)

You will get the IP address of the KVM in the LCD manual.
Typing in the IP address in a browser
Note: please begin with http://
e.g: You get a IP address 192.168.1.219
please typing in http:// 192.168.1.219
And you will see

On this page you can operate the computers connected to the KVM.In the KVM CONTROL button, you can select the computer and force the computer to switch on and off.

Note:Switching a computer with a servo requires a mould to be made,like this:

SPECIFICATIONS

HDMI vertion	HDMI 2.0	USB version	USB 2.0
HDMI resolution	1080p@60Hz, 2K@60Hz, 4K/60Hz RGB4:4:4 8bit	Support colour depth	24/30/36 bit deep color
Audio format	DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD		
Max baud rate	18Gbps	Max bandwidth	600MHz
Maximum Operating Power Consumption	50W	Operating Temperature range	(-10 to +55℃)
Operating voltage	AC (50HZ, 60HZ) 100V-240V		
Dimension (LxWxH)	440x260x44(mm)	Weight	3.8Kg

NOTES

Please use this machine based on below instructions to keep longer lifetime.

1. The machine should be placed at the spot far away from the Damp, High-Temperature, Dusty, Erosive, and Oxidant environment.

2. All parts will be free from the strong shake, hit, fall.

3. Touching the device with the wet hands is prohibited.

4. Please turn power off when machine is not used for long time.

5. Please do not open the cover and do not touch the inside parts.

6. Please use the original factory power adaptor.

7. Before power on, please check the connection cable carefully. And make sure that all interfaces are normally connected.