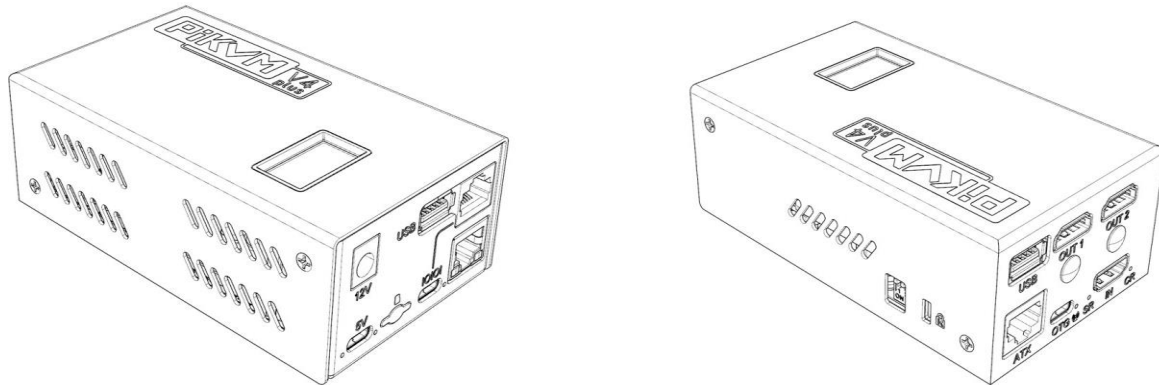
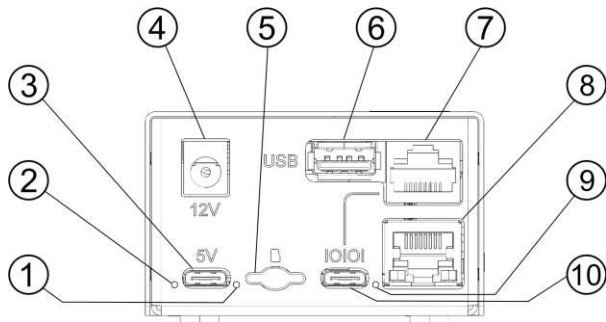


## PiKVM V4 Plus Version Datasheet

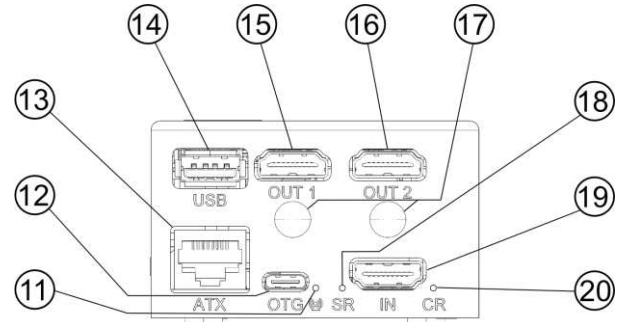
PiKVM is a feature-rich, production grade, open-source, Raspberry Pi based KVM over IP device. It enables **managing servers or workstations remotely**, whatever the state of the operating system or whether one is installed. **PiKVM allows you to turn on/off or restart your computer, configure the UEFI/BIOS, and even reinstall the OS using the Virtual CD-ROM or Flash Drive.** You can use your remote keyboard and mouse or PiKVM can simulate a keyboard, mouse, and a monitor, which are then presented in a web browser as if you were working on a remote system directly. **It's a true hardware-level access with no dependency on any remote ports, protocols or services!**



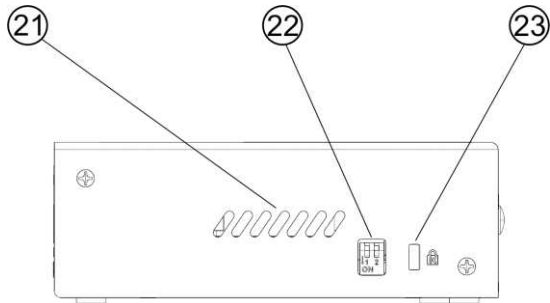
## Connectivity diagram



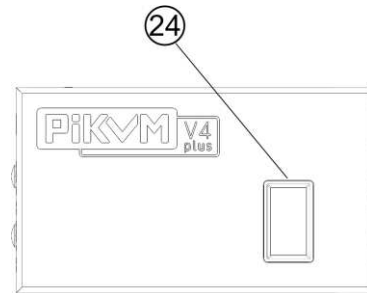
Front view



Rear view



Right view



Top view

1	Activity LED (Red)	13	RJ45 ATX control port
2	Power LED (Green)	14	USB 3.0 port 2
3	Power Input 5.1V 3A	15	HDMI video output port 1
4	Power Input 12V 2A	16	HDMI video output port 2
5	Micro SD card slot	17	Optional antenna's mounting holes
6	USB 3.0 port 1	18	Video source ready status LED
7	RJ45 Serial console port	19	HDMI video input port
8	RJ45 1Gb Ethernet port	20	Video capture ready status LED
9	Serial console active LED / Beacon LED (Green)	21	Ventilation holes

10	USB 2.0 Serial console port	22	Service switches
11	Beacon LED	23	Kensington Security Slot
12	USB 2.0 OTG connector	24	Display

## Specifications

Parameter name	Characteristics
<b>Power</b>	
Connection type:	USB-C
Power type:	DC 12V, 2A
Power failure option	Internal supercapacitor for the real time clock support
<b>Connectivity/Interfaces</b>	
HDMI female	HDMI source input
USB-C female	For the keyboard, mouse, mass storage, and other external device emulation)
USB-C female	Serial console management port
Micro SD card slot	For the OS storage
ATX RJ-45	Special port for power control or AUX
WiFi	Optional WiFi b/g/n support with internal/external antenna
<b>Displays/indicators</b>	
LED indicators	power, activity, console power, search led, HDMI source engaged
OLED display	OLED 128x32 0.91" white
<b>Video</b>	

Supported resolutions:	up to 1920x1200@60Hz
Video compression methods	MJPEG, H.264
<b>Audio</b>	
Audio capture mode	HDMI audio capture support
<b>Power consumption</b>	
Peak power consumption	Up to 24W (2A/12V)
<b>Environmental</b>	
Operating temperature	0°C to 50°C
Storage temperature	-20°C to 60°C
<b>Size and weight</b>	
Size	120 x 68 x 44mm
Weight	0.35 kg