

HDMI TO USB 3.0 VIDEO CAPTURE DONGLE

USBVC4K

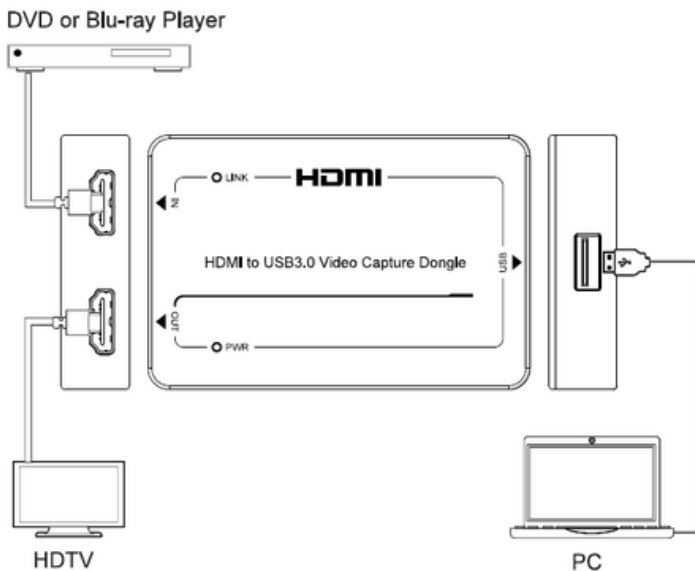


FEATURES

This HDMI to USB video capture dongle has 1 x HDMI input, 1 x HDMI loop out and 1 x USB output. The HDMI input supports inputting videos with resolution up to 4K60. The USB output can be used to power the device and capture videos with resolution up to 1080p60. It can be widely used in video conference, multi-media broadcasting and other HDMI video capturing occasions.

- HDCP 2.2, USB 2.0 and USB 3.0 compliant
- 18Gbps HDMI video bandwidth
- 5Gbps USB video bandwidth
- HDMI input video resolution reaches up to 4K2K@60Hz, as specified in HDMI 2.0b
- USB output video resolution has a range between 480i to 1080p60Hz
- Supports 4K2K@60Hz downscaling to 1080p60Hz
- Supports 4K60 (4:4:4) HDMI loop out
- Operative in Windows, Linux and OS X
- USB transmission speed up to 300-350Mbps
- Compatible with VLC, OBS, XSPLIT, AMCAP and other video capturing software
- Compact in design, plug and play

APPLICATION EXAMPLE



SPECIFICATION

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Technical	
Video Bandwidth	- HDMI: 18Gbps - USB: 5Gbps
Compliance	- HDMI 2.0b - HDCP 2.2
Video Resolution	- Up to 4K2K@60Hz (4:4:4)
Video Compression Standards	- Video will be in YUV2 with no compression if outputting via a USB 3.0 port - Video will be compressed in MJPEG if outputting via a USB 2.0 port
USB Output Resolution	- Support 4K24/25/30/50/60 input down scaling to 1080p output - For resolutions lower than 1080p, input keeps the same as output
Colour Depth	- 8/10/12-bit
Colour Space	- RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
HDMI & USB Audio Format	- PCM 2.0
USB Version	- USB 3.1 Gen 1
Connection	
Input	- 1 x HDMI Type A (Female)
Outputs	- 1 x HDMI Type A (Female) - 1 x USB-A (Female)
Power	
Power supply	- USB 5V/900mA
Power Consumption	- 3.5W (Max)
General	
Physical Dimension (W x D x H)	- 90mm x 60mm x 16mm
Weight	- 0.047kg
Housing	- Plastic Enclosure (Black)
Operating Temperature	- 0 - 40 °C
Storage Temperature	- -20 - 60 °C
Humidity	- Operation: 20 - 80% relative humidity (no condensation) - Storage: 10 - 90% relative humidity (no condensation)