



## 4K HDMI TO USB 3.1 TYPE-C VIDEO CAPTURE UC1218-4K

- Inputs: 4K HDMI in, Mic/Line audio in
- Outputs: 4K HDMI loop-out, HDMI out, USB 3.1 Gen1(USB3.0) out, audio out
- Automatic input signal detection, up to 4K@60Hz
- Uncompressed video & audio capture, comply with UVC and UAC
- Excellent Deinterlacing performance
- Plug-and-Play, driver free & power free
- Compatible with Windows, Linux, macOS
- Compatible with OBS, ZOOM, Teams, Twitch, Vmix, etc

# 4K @60HZ UHD HDMI INPUT

HDMI 4K input and frame rate up to 60Hz, enjoys a visual feast in high definition, provides high quality experience in real time events.

4K HDMI 



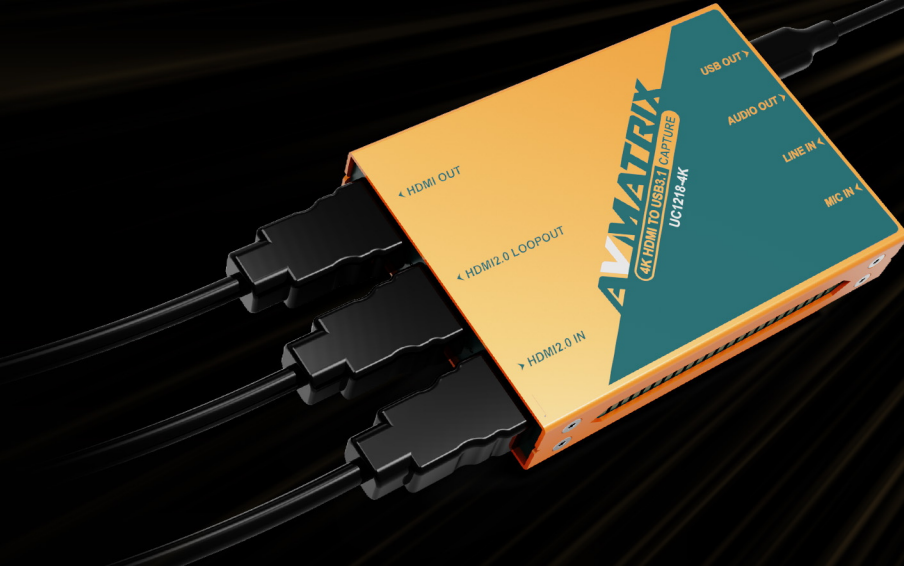
# 4K HDMI LOOP-OUT

The capture card has a 4K HDMI loop-out that can transmit the 4K HDMI video to an additional 4K display directly. It allows users to output two screens simultaneously for monitoring and live streaming.



# ADDITIONAL HD HDMI OUTPUT

The 4K capture device has an additional HDMI output, which downscaled HDMI 2.0 input signal to an HD signal, for easily monitoring the video on a common HD monitor. The resolution of HDMI out is same to the resolution of USB captured out.



# LEADING DEINTERLACING

The 4K capture device features a professional deinterlacing function that capture interlaced video in high quality. It delivers clearer and smoother video footage and reveals the true richness and texture of colors.

The leading deinterlacing function ensures the highest level of user satisfaction, making every frame more captivating.



**Interlaced**



**Deinterlaced**

# FLEXIBLE AUDIO FOR LIVE STREAMING

There are an external MIC audio and a Line audio available for mixing in your live streaming. It can capture a mixed 2 channel stereo audio from HDMI embedded audio and the external MIC/Line audio from equipments like microphone, audio mixer, audio media player, etc.





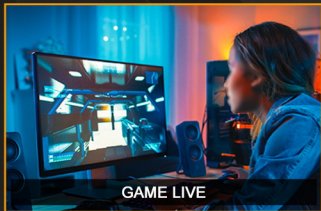
# RICH COMPATIBILITY

Compatible with Windows, Linux and macOS, support streaming and recording applications such as PotPlayer, OBS, ZOOM, Teams, Twitch, etc. Users can stream captured videos to major live streaming platforms, such as YouTube, Facebook, Bilibili, etc.



# EXTENSIVE APPLICATION

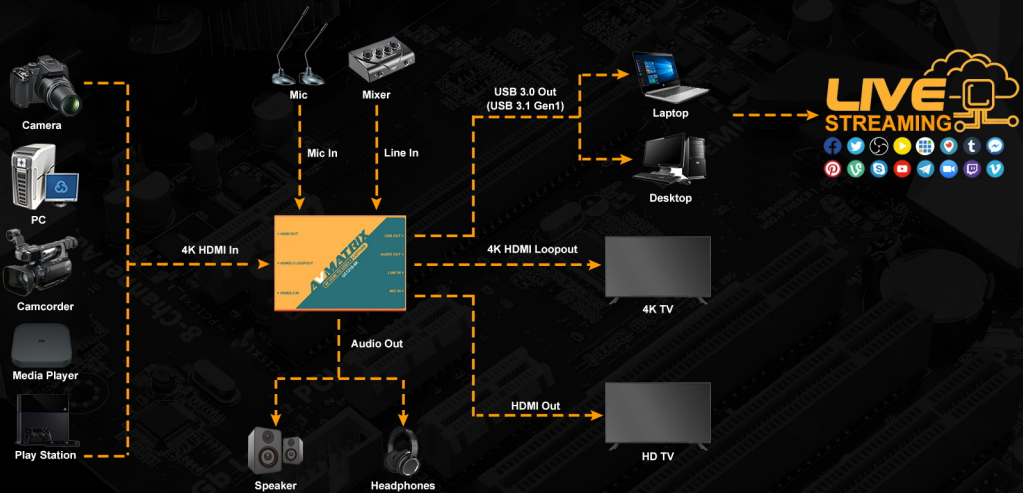
Wide range of applications and various live streaming occasions such as game live, broadcast, self media, remote education, conference, treatment, etc.





# CONNECTING DIAGRAM

Note: The captured video is uncompressed with transmission rate up to 200MB/s. Recommended use the interface above USB3.0 rate and the original USB cable when connecting with the computer.



# SPECIFICATIONS

## CONNECTIONS

Video Interface	1×HDMI 2.0 in
	1×HDMI out
	1×HDMI 2.0 loop-out
	1×USB3.1 Type C(USB 3.1 Gen1, up to 200MB/s)
Audio interface	1×3.5mm stereo audio(Line in)
	1×3.5mm stereo audio(Mic in)
	1×3.5mm stereo audio out

## FORMAT

HDMI 2.0 Input & Loopout Format	Up to 4K60hz, 1440p144hz, 1080p240hz
USB Capture Format	1920×1080, 1680×1050, 1440×900, 1280×1024, 1280×960,
	1280×800, 1280×720, 1024×768, 800×600, 720×576, 720×480, 640×480 60hz
Audio & Video Capture	UVC (USB video class) standard
	UAC (USB audio class) standard
Audio Codec	2-channel, 16 bit PCM, 48kHz, 1536 kbps
Video Color Space	YUY2
Hardware deinterlacing	Support 1080i hardware deinterlacing, clearer and more stable picture

## OS AND SOFTWARE COMPATIBILITY

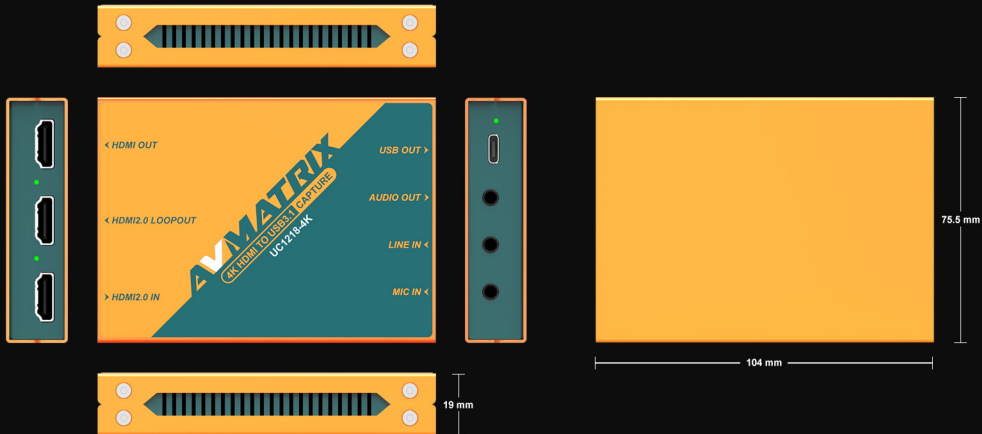
Supports OS	Windows 7/8/10/11, Linux (Kernel version 2.6.38 and above), macOS (10.8 and above)
Software Compatibility	OBS studio, Skype, ZOOM, Teams, Google Meet, Youtube Live, QuikcTime Player, Face time, etc.
Compatible SDK	DirectShow(Windows), DirectSound(Windows)

## GENERAL

Dimensions	104×75.5×19mm
Weight	Net weight: 284g
	Gross Weight: 382g
Power Consumption	4.5W ±10%
Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Relative Humidity	20~90% RH (no condensation)

## ACCESSORY

Accessory	1× USB3.0 A-C cable
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