Arec

DS-H2U
UVC HDMI 4K Capture
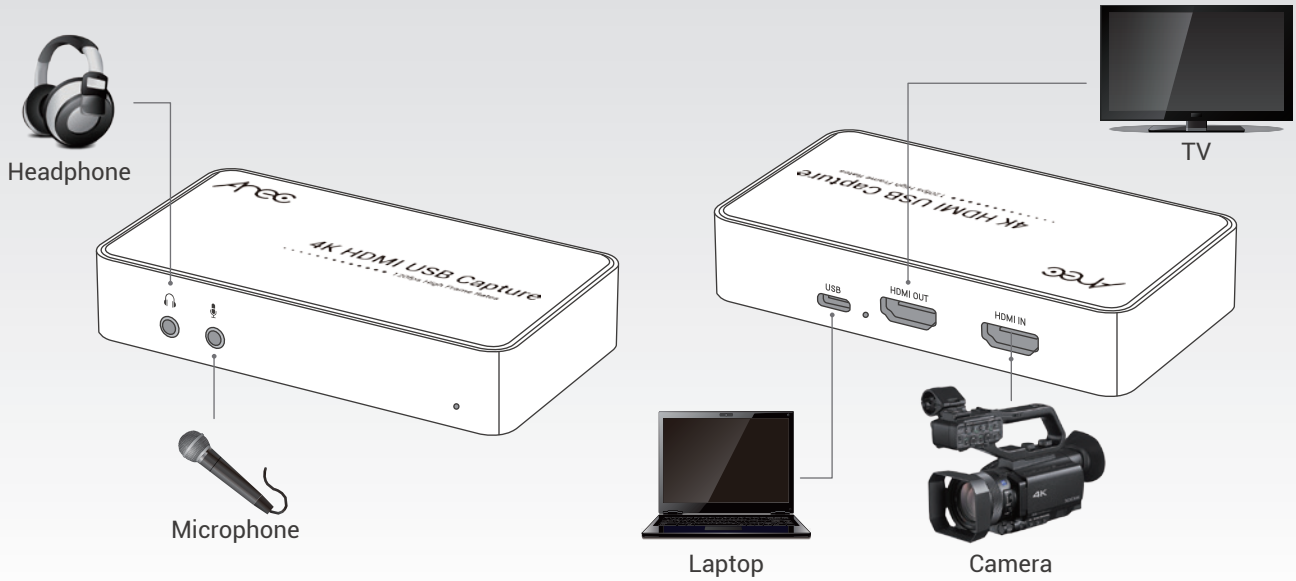### 4K HDMI to USB 3.0 Video Capture Device

- 4K HDMI 2.0 to USB Type-C
- Video Capture Resolution up to 4K@30fps and 1080p@120fps
- 3.5mm Mic-in Mixed with HDMI Audio and 3.5mm Audio Line-out
- Compatible with Media Players (AMCap, Pot Player, VLC...etc.), Streaming Software (OBS, vMix, Wirecast...etc.), and Conferencing Software (Microsoft teams, Google Meet, Zoom...etc.)

Robust Connectivity with HDMI Loop-through

DS-H2U is a plug-and-play 4K HDMI to USB-C video capture device. It brings professional connectivity across HDMI and USB-C in a high-quality video to your laptop or PC. With 3.5mm phone jack audio input/output and HDMI loop-through design, DS-H2U can play 4K HDMI source on local display.

Headphone

Microphone

TV

Laptop

Camera

Software Compatibility with High Frame Rates

DS-H2U supports Windows, Mac OS, and Linux operating systems. It is compatible with a wide range of software for multiple applications without any driver to install. DS-H2U provides aspect ratio, deinterlacing, up/down scaling, and frame rates up to full HD 120fps and 4K UHD 30fps, making the content smoother and meeting the needs of diverse applications.

HDMI

3.5mm Audio

USB-C

HDMI Audio Extraction

Professional Audio-Visual Applications
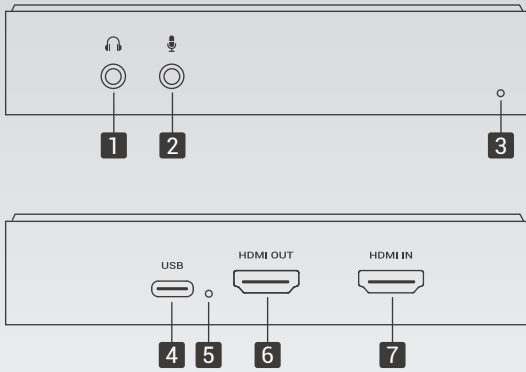
Lecture Capture

Conference

Live Streaming

Kaltura/ Opencast/ Panopto

Google Meet/ Zoom/ Skype/ Microsoft Teams

YouTube/ Facebook/ OBS

1 **STEREO AUDIO OUT** : Audio extracts from HDMI input only

2 **STEREO AUDIO IN** : Connect to analog stereo audio source

3 **LED INDICATOR** : HDMI input signal indicator LED

4 **USB-C OUT** : Connect to a USB host (PC, NB, MAC...)

5 **LED INDICATOR** : USB-C signal indicator LED

   [Red] Connect the device to the USB 2.0 port on the host

   [Blue] Connect the device to the USB 3.0 port on the host

6 **HDMI OUT** : Connect to a HDMI display

7 **HDMI IN** : Connect to a HDMI source

Specifications

Model Name	DS-H2U
Technical	
Role of usage	4K HDMI USB Capture
Input Video bandwidth	600MHz
Output bandwidth	Up to 350Mbps (USB-C)
Video Output (USB-C)	Up to 4K@30/ 1080p@120
Video support (Loop through)	Up to 4K@60
Audio Input	HDMI Embedded Audio & Stereo audio Input
Audio Format	2CH 16bit PCM
Recording Mode	Software Compression
Recording Video Format	RGB/YUY2/NV12 (USB3.1 Gen 1), YUY2/NV12 (USB2.0)
Firmware update	Feasible via USB-C Port
Input	1x HDMI+ 1x 3.5mm
Output	1x USB-C + 1x HDMI + 1x 3.5mm
HDMI connector	Type A [19-pin female]
USB connector	USB 3.1 Type C (SuperSpeed USB)
Software compatibility (not complete list)	OBS Studio (Windows, Linux, MAC), AMCap (Windows), Potplayer (Windows), VLC (OS X, Linux), XSplit Boardcast (Windows), Skype (Windows, OS X), Zoom (Windows), Hangout (Windows), TeamViewer(Windows)
OS Support	Windows 7 /8.1 /10, Mac and Linux OS
Mechanical	
Housing	Metal enclosure
Dimensions [L x W x H]	Model : 116 x 63 x 23mm [4.6" x 2.5" x 0.9"]
	Package : 230 x 95 x 41mm [9" x 3.7" x 1.6"]
Weight	187g
Power supply	Via USB-C
Power consumption	3.5 Watts [max]
Operation temperature	0~40°C [32~104°F]
Storage temperature	-20~60°C [-4~140°F]
Relative humidity	20~90% RH [no condensation]