

## 1. INTRODUCTION

UC1218 is a professional and easy-to use device to capture HDMI signal over USB3.1Gen1 for graphics capture, live streaming, recording on your laptop, PC. Video resolution supports up to 1080p60Hz. It is compatible with various systems including Windows, Linux, OS X etc. and UVC and UAC compliant. The device is real plug and play, no need driver. UC1218 is your ideal choice for applications like live broadcast, streaming, and professional AV workflows including podcasting, web conferencing, video production and screen capture.

## 2. FEATURES

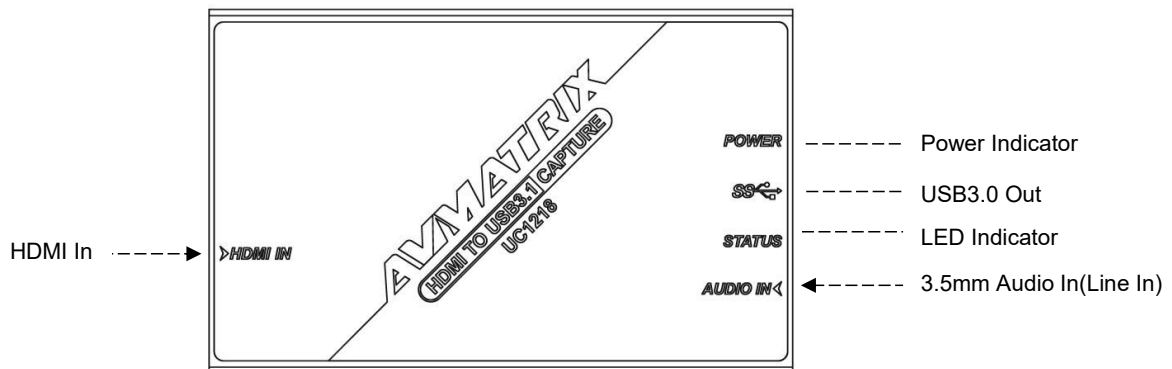
- HDMI in, audio in, USB3.0 (USB 3.1 Gen1) out
- Automatic input signal detection, up to 1080p60
- Uncompressed video & audio capture, comply with UVC and UAC
- Plug-and-Play, driver free & power free
- Compatible with Windows, Linux, Mac OS
- Compatible with OBS, ZOOM, Teams, Twitch, etc.

## SPECIFICATIONS

| Connections          |  |
|----------------------|--|
| Input interface      | 1×HDMI 1.4a,<br>1×3.5mm stereo audio(line in)  |
| Output interface     | 1×USB3.0 Type C(USB 3.1 Gen1, up to 200MB/s)   |
| Format               |  |
| HDMI input format    | 1080p60/59.94/50/30/29.97/25/24/23.98<br>1080i50/59.94/60<br>720p60/59.94/50/30/29.97/25/24/23.98<br>576p50/ 576i50<br>480i59.94/60, 480p59.94/60                                      |
| USB output format    | 1920×1080, 1680×1050, 1440×900, 1368×768,<br>1280×1024, 1280×960, 1280×800, 1280×720,<br>1024×768, 1024×576, 960×540, 856×480, 800×600,<br>768×576, 720×576, 720×480, 640×480, 640×360 |
| Audio& video capture | UVC (USB video class) standard<br>UAC (USB audio class) standard   |
| Audio Codec          | 2-channel, 16 bit PCM, 48kHz, 1536kbps   |
| Video Color Space    | YUY2   |

| <b>OS and Software Compatibility</b> |   |
|--------------------------------------|---|
| Supports OS                          | Windows 7/8/10, 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, Wirecast, CAMTASIA, Ecamm.live, Twitch.tv, etc. |
| Compatible SDK                       | DirectShow(Windows), DirectSound(Windows)   |
| <b>General</b>                       |   |
| Dimensions                           | 92×58×19mm  |
| Weight                               | Net weight: 205g<br>Gross Weight: 300g  |
| Power Consumption                    | 3.5W(Max)   |
| Operating Temperature                | -20~60°C  |
| Storage Temperature                  | -30~70°C  |
| Relative Humidity                    | 20~90% RH (no condensation)   |
| <b>Accessory</b>                     |   |
| Accessory                            | 1× USB3.0 A-C cable   |

### 3. INTERFACE



**Note: When both HDMI IN and AUDIO IN are plugged, external audio input will take priority.**