

## 1. INTRODUCTION

UC1118 is a professional and easy-to use device to capture SDI 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. UC1118 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

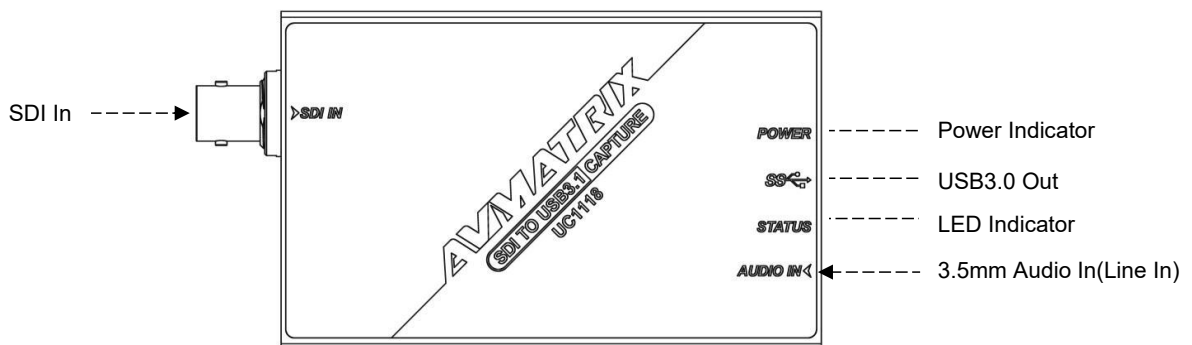
- SDI in, audio in, audio in, USB3.0 (USB 3.1 Gen1) out
- Automatic input signal detection, up to 1080p60
- Uncompressed video & audio capture, comply with UVC and UAC
- Plug-and-Play, driver free & power free
- Compatible with Windows, Linux, Mac OS
- Compatible with OBS, ZOOM, Teams, Twitch, etc.

## SPECIFICATIONS

Connections	
Input interface	1×SD/HD/3G-SDI 1×3.5mm stereo audio(line in)
Output interface	1×USB3.0 Type C(USB 3.1 Gen1, up to 200MB/s)
Format	
SDI input format	1080p60/59.94/50/30/29.97/25/24/23.98 1080PsF30/29.97/25/24/23.98 1080i50/59.94/60 720p60/59.94/50/30/29.97/25/24/23.98 625i50/525i59.94
USB output format	1920×1080, 1680×1050, 1440×900, 1368×768, 1280×1024, 1280×960, 1280×800, 1280×720, 1024×768, 1024×576, 960×540, 856×480, 800×600, 768×576, 720×576, 720×480, 640×480, 640×360
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

OS and Software Compatibility	
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)
General	
Dimensions	92×58×19mm
Weight	Net weight: 205g 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)
Accessory	
Accessory	1× USB3.0 A-C cable

### 3. INTERFACE



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