

# U-TAP



USB 3.0 Powered  
3G-SDI and HDMI  
Capture

# U-TAP



## USB 3.0 Powered 3G-SDI and HDMI Capture

### Portable, Simple and Compatible USB 3.0 Input

Small and simple to use, U-TAP connects directly to your computer system via a USB 3.0 connection, with no drivers to install and incredible software compatibility.

U-TAP HDMI and U-TAP SDI offer easy, cost effective and portable solutions for plug and play capture that is compatible with Windows, macOS X and Linux operating systems and a broad range of creative applications. From video conferencing to streaming to social media video and more, U-TAP offers powerful functionality without requiring any third party driver software.

U-TAP is smaller than a smartphone, and is incredibly useful in the field, on set or at a studio where USB connectivity provides a quick and easy way to connect SDI or HDMI sources for capture, without the need to

install additional software drivers. Small enough to carry anywhere with you, its bus powered USB connectivity ensures you will never be looking for a power source.

U-TAP SDI provides an SDI looping output, allowing you to loop through the source SDI signal to monitors, switchers and more. Both U-TAP SDI and U-TAP HDMI support frame rates up to 1080p 60, for your HD High Frame Rate (HFR) projects.

Built to the exacting standards of all AJA hardware, U-TAP is backed by our world class support network and our three year international warranty.

The U-TAP family of USB 3.0 capture devices includes U-TAP SDI for professional connectivity and U-TAP HDMI for ubiquitous HDMI workflows. U-TAP is bus powered with the ability to simply and easily bring in video across SDI or HDMI for use within a wide range of software without any drivers to install, as it's supported directly in macOS X®, Windows® and Linux.®

# U-TAP

## U-TAP SDI Connections



## U-TAP SDI Tech Specs

### Video Formats

- Video (SDI)
  - (HD) 1920 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
  - (HD) 1920 x 1080i 25, 29.97, 30
  - (HD) 1280 x 720p 50, 59.94, 60
  - (SD) 625i 25
  - (SD) 525i 29.97
- Scaled (USB), Frame rates for all formats: 7.5, 15, 25, 29.97, 30, 50, 59.94, 60
  - 1920 x 1080p
  - 1440 x 1080p
  - 1280 x 720p
  - 1024 x 576p
  - 960 x 540p
  - 856 x 480p
  - 800 x 600p
  - 768 x 576p
  - 720 x 576p
  - 720 x 480p
  - 640 x 480p
  - 640 x 360p
  - 432 x 240p
  - 352 x 288p
  - 320 x 240p
  - 176 x 144p

### Video Input Digital

- 3G-SDI, SMPTE-259/292/424, YCbCr 4:2:2 (1 x BNC)

### Video Loop Output

- 1 x 3G-SDI (1 x BNC)

### Audio Input Digital

- 2-Channel, 24-bit SDI embedded audio, 48 kHz sample rate

### Capture Video

- 16-bits/pixel, YUV (input video will be truncated as required)

### Capture Audio

- 2-Channel, 16-bit, 48 kHz sample rate (input audio will be truncated as required)

### Host Interface

- USB 3.0/USB 2.0 UVC/UAC compliant

### Size (w x d x h)

- 4.1" x 2.4" x 1.0" (103 mm x 61mm x 25mm)

### Weight

- 0.3 lb (0.2 kg)

### Power

- 5V USB bus powered; 4W max

### Environment

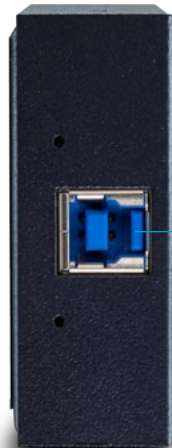
- Safe Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)

# U-TAP

## U-TAP HDMI Connections



HDMI Input



USB 3.0

## U-TAP HDMI Tech Specs

### Video Formats

- Video (HDMI)
  - (HD) 1920 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
  - (HD) 1920 x 1080i 25, 29.97, 30
  - (HD) 1280 x 720p 50, 59.94, 60
  - (SD) 625i 25
  - (SD) 625i 25
  - (SD) 525p 29.97
  - (SD) 525i 29.97
- Computer (HDMI), up to 60 Hz max for all formats
  - 1920 x 1080p
  - 1680 x 1050p
  - 1600 x 1200p
  - 1600 x 1024p
  - 1280 x 1024p
  - 1280 x 960p
  - 1280 x 768p
  - 1024 x 768p
  - 800 x 600p
  - 640 x 480p
- Scaled (USB), Frame rates for all formats: 7.5, 15, 25, 29.97, 30, 50, 59.94, 60
  - 1920 x 1080p
  - 1440 x 1080p
  - 1280 x 720p
  - 1024 x 576p
  - 960 x 540p
  - 856 x 480p
  - 800 x 600p
  - 768 x 576p
  - 720 x 576p
  - 720 x 480p
  - 640 x 480p
  - 640 x 360p
  - 432 x 240p
  - 352 x 288p
  - 320 x 240p
  - 176 x 144p

### Video Input Digital

- HDMI v1.4a, 24, 30, or 36 bits/pixel, RGB or YUV

### Audio Input Digital

- 2-Channel, 24-bit HDMI embedded audio, 48 kHz sample rate

### Capture Video

- 16-bits/pixel, YUV (input video will be truncated as required)

### Capture Audio

- 2-Channel, 16-bit, 48 kHz sample rate (input audio will be truncated as required)

### Host Interface

- USB 3.0/USB 2.0 UVC compliant

### Size (w x d x h)

- 3.3" x 2.4" x 1.0" (84mm x 61mm x 25mm)

### Weight

- 0.3 lb (0.2 kg)

### Power

- 5V USB bus powered; 3.5W max

### Environment

- Safe Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)

# U-TAP

## Software Compatibility



Software	System
Skype™	PC/Mac
FaceTime™	Mac
Facebook® Live	PC/Mac
Adobe Connect™	PC/Mac
VLC	PC/Mac/Linux
GoToMeeting®	PC/Mac
Microsoft Lync®	PC
Webex®	PC/Mac
QuickTime®	Mac
Wirecast®	PC/Mac
vMix®	PC
Screenflow®	Mac
OBS	PC/Mac/Linux
TwitchTV®	PC/Mac
Ustream®	PC/Mac
XSplit®	PC
YouTube Live®	PC/Mac
Google Hangouts™	PC/Mac/Linux
Flash® Media Live Encoder	PC/Mac
TeamViewer®	PC/Mac

\* For more information on the latest Software Compatibility please visit:  
<http://www.aja.com/en/products/u-tap/>



## About AJA Video Systems, Inc.

Since 1993, AJA Video has been a leading manufacturer of video interface and conversion solutions, bringing high quality, cost effective digital video products to the professional, broadcast and postproduction markets.

AJA products are designed and assembled at our facilities in Grass Valley, California, and sold through an extensive sales channel of resellers and systems integrators around the world. For further information, please see our website at [www.aja.com](http://www.aja.com)

AJA Video Systems, Inc.  
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