

U-TAP SDI

The U-TAP 3G-SDI USB 3.0 capture devices brings professional connectivity and high quality video capture to your laptop or workstation. U-TAP SDI is bus powered with the ability to simply and easily bring in video across 3G-SDI for use within a wide range of software without any drivers to install, as it's supported directly in macOS X®, Windows® and Linux®.

$492 US MSRP

https://www.aja.com/products/u-tap-sdi

Video Formats

- Video (SDI)
  - (HD) 1920x1080p 50, 59.94, 60 (Level A or B-DL)
  - (HD) 1920x1080p 23.98, 24, 25, 29.97, 30
  - (HD) 1920x1080PsF 23.98, 24, 25, 29.97, 30
  - (HD) 1920x1080i 50, 59.94, 60
  - (HD) 1280x720p 50, 59.94, 60
  - (SD) 625i 50
  - (SD) 525i 59.94
  - YCbCr, 4:2:2, 10-bit
- Scaled (USB), frame rates for all formats: 7.5, 15, 25, 29.97, 30, 50, 59.94, 60
  - 1920x1080p
  - 1440x1080p
  - 1280x720p
  - 1024x576p
  - 960x540p
  - 856x480p
  - 800x600p
  - 768x576p
  - 720x576p
  - 720x480p
  - 640x480p
  - 640x360p
  - 432x240p
  - 352x288p
  - 320x240p
  - 176x144p

Note: Host system specifications/performance will govern what video formats are possible.

Video Input Digital

- 3G-SDI, SMPTE-259/292/424, YCbCr 4:2:2 10-bit (1x 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)

U-TAP Device Interface

- USB 3.0 (USB 3.2, Gen 1) UVC/UAC compliant

Compatible Host Interfaces

- USB 3.0 (USB 3.2, Gen 1) "SuperSpeed USB 5Gbps"
- USB 3.1 (USB 3.2, Gen 2) "SuperSpeed USB 10Gbps"
- USB 3.2 (USB 3.2, Gen 2x2) "SuperSpeed USB 20Gbps"
- USB 2.0

Notes: For best performance USB 3.0 (USB 3.2, Gen 1) or better is required on the host computer. USB 2.0, and/or USB connections via Hubs may not always deliver sufficient power for U-TAP.

Size (w x d x h)

- 4.1" x 2.4" x 1.0" (104.14 x 60.96 x 25.4 mm)

Weight

- 0.3 lb (0.2 kg)

Power

- 5V USB bus powered; 4W max

Environment

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