

T-TAP™



Thunderbolt™ - Powered SDI and HDMI Output

AJA®
VIDEO SYSTEMS

Because it matters.™



AJA's T-TAP™ provides video professionals with an inexpensive video and embedded audio adapter that utilizes the power of Thunderbolt™ for high-quality 10-bit SD, HD and 2K output; creating a simple, unobtrusive means for getting professional video and audio onto monitors and projectors.

Thunderbolt™ - Powered SDI and HDMI Output

Get 10-bit SD, HD and 2K output from any Thunderbolt-enabled Mac or Windows system.



Small and simple to use, T-TAP connects direct to your Mac or Windows system via the blazing-fast Thunderbolt connection which provides the bandwidth necessary for full broadcast-quality video and audio output.

Based on the same architecture as AJA's KONA cards, T-TAP offers full 10-bit broadcast-quality output, superior to DisplayPort adapters that only support 8-bit and are not true video output solutions for professional applications.

SD/HD SDI and HDMI outputs are available, with support for 3D HDMI output. The SDI output can be used to feed professional monitors or recording gear, while the HDMI output is able to feed directly into consumer HDMI monitors. Both HDMI and SDI are active at all times, so you can simultaneously work with professional and consumer gear. 3D support enables T-TAP to output directly to 3D HDMI monitors for real time stereoscopic review, with no need for additional hardware.

Even with its small size, T-TAP doesn't compromise on professional audio functionality. Full 8-channel embedded audio allows for multi-channel playback such as 5.1 - or even 7.1 mixes.

T-TAP is powered via Thunderbolt with no need for an additional power supply, minimizing cabling and maximizing portability.

Built to the exacting standards of all AJA hardware, T-TAP is backed by our world-class support network and our 3-year international warranty.

Software Compatibility



Software

System

Apple FCP X	Mac
Adobe Premiere Pro	Mac
Adobe After Effects	Mac
Adobe Photoshop	Mac
Avid Media Composer	Mac
Avid Symphony	Mac
Avid NewsCutter	Mac

Connections & Tech Specs



Input

- 1x Thunderbolt input

Video Output

- 1x SDI output
- 1x HDMI v1.3 output (Compressed 3D support)

Supported Video Formats

8-bit 4:2:2 and 10-bit 4:2:2 in the following formats:

- 525i 29.97
- 625i 25
- 720p 50,59.94,60
- 1080i 25, 29.97, 30
- 1080PsF 23.98, 24, 25, 29.97
- 1080p 23.98, 24, 25, 29.97
- 2K 1080p 23.98, 24, 25
- 2K 1080PsF 24, 25

Audio Formats

- 24-bit SDI embedded audio, 8-channel, 48kHz
- 24-bit HDMI embedded audio, 8-channel, 48kHz

Physical

- Height: 2.28" (5.8cm)
- Width: 2.95" (7.5cm)
- Depth: 1.18" (3cm)