



T-TAP® Pro

T-TAP Pro supports professional video and audio output from your Thunderbolt™ enabled system, featuring the latest 12G-SDI and HDMI 2.0 connectivity for working with up to 4K or UltraHD 60p video over a single cable. This allows for easy output of deep color, high frame rate, SDR, and HDR video to a wide range of pro and consumer monitors and devices, all at the highest 10 and 12-bit quality. T-TAP Pro is a compact, silent device built to withstand the rigors of production in the field or in the studio.

\$1145 US MSRP

<https://www.aja.com/products/t-tap-pro>



Video Formats

- (4K) 4096 x 2160p 23.98, 24, 25, 29.97, 30, 47.95, 48, 50, 59.94, 60
- (UltraHD) 3840 x 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (2K) 2048 x 1080p 23.98, 24, 25, 29.97, 30, 47.95, 48, 50, 59.94, 60
- (2K) 2048 x 1080PsF 23.98, 24, 25
- (HD) 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 1080i 50, 59.94, 60
- (HD) 720p 50, 59.94, 60
- (SD) 625i 50
- (SD) 525i 59.94

Note: High Frame Rate and 4K/UltraHD capabilities are dependent on host system attributes. Not all systems and configurations will support all frame rates and raster sizes

Video Outputs Digital

- 12G-SDI*, SMPTE-2082, 12-bit*, 10-bit
- 6G-SDI*, SMPTE-2081, 10-bit
- 3G-SDI, SMPTE 425
 - RGB 4:4:4 12-bit*, YCbCr 4:2:2 10-bit
- 1.5G-SDI, SMPTE 292M
 - Single Link HD-SDI YCbCr 4:2:2 10-bit
- 270 Mbps SDI, SMPTE 259M-C
 - YCbCr 4:2:2 10-bit, 8-bit
- HDMI v2.0
 - 30/36-bits/pixel, RGB or YUV, 6 Gbps per color component
 - 4K, UltraHD, 2K, HD, and SD with HFR support up to 60p (4:2:2), 10-bit

*Bit depth support is application dependent. Check with your software manufacturer for compatibility.

HDR

- SDI: VPID signaling for SDR/HDR Transfer Characteristics, Colorimetry and Luminance
- HDMI: HDR10 Support - HDR Infoframe metadata, compatible with HDMI 2.0a/CTA-861.3
- HDMI: HLG Support - compatible with HDMI 2.0b/CTA-861-G

Note: HDR support is application dependent. Check with your software manufacturer for compatibility.

Audio Outputs Digital

- 16-channel, 24-bit SDI embedded audio, 48 kHz sample rate, synchronous
- 8-channel, 24-bit HDMI embedded audio, 48 kHz sample rate, synchronous

Audio Outputs Analog

- 2-channel, 18-bit D/A analog audio, 48 kHz sample rate, unbalanced, using standard 3.5mm jack
- 1.2V RMS full scale digital output level (0 dBFS)

Size (w x d x h)

- 5.0" x 1.0" x 5.0" (127.0 x 25.4 x 127.0 mm)

Weight

- .06 lb (0.23 kg)

Power

- 18W Max

Environment

- Safe Operating Temperature: 0 to 35 C (32 to 95 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)