HD-SDI / HDMI DIGITAL VIDEO CONVERTERS

CONNECT

DUAL-BATTERY CONVERTERS

The world's smallest 3G Converters

Convert uninterrupted anywhere

Actual size

H2S
HDMI → HD-SDI

S2H
HD-SDI → HDMI

H2S
HDMI™ → HD·SDI

Continuous Power*

S2H
HD·SDI → HDMI™

Test Pattern & Audio Tone Generator

3:2 **Built-in Pulldown removal**

Tiny, reliable, cascadable & future proof

Modular Design

Stack up to three units for super-fast simultaneous charging

⚛ ATOMOS

Connect Converters are the ultimate battery powered, in-the-field converter tool for any situation. With 3G/HD/SD-SDI and HDMI connectivity, internal and external battery options and Atomos' patent pending Continuous Power technology, you can convert anytime, anywhere.

Built for convenience, Connect Converters are lightweight and fit in your pocket. Powered by battery or AC, they provide 3:2 pulldown removal, test pattern and audio signal generation and even have a built-in flashlight for use in dark locations.

At Atomos we're all about innovation, so we've made Connect incredibly flexible. They're stackable and modular and you can cascade and power them from one source.

CONNECT
DUAL-BATTERY CONVERTERS

Connect 3G/HD/SD-SDI & HDMI

Convert any HD/SD-SDI or HDMI signal, including 3G.
Choose S2H for HD-SDI→HDMI and H2S for HDMI→HD-SDI

S2H HD·SDI → HDMI
All SDI types to HDMI;
pulldown removal included

H2S HDMI → HD·SDI
HDMI to all SDI types
pulldown removal included

Battery or AC power:
2 hours, 2 days or continuous supply

A portable device without a power supply is useless, but that will never happen with Connect converters.

With flexible battery and power options, you're covered for any eventuality – even an unexpected power loss. **A built-in battery ensures that the show goes on if all else fails.**

Multiple, stackable external batteries can be swapped without powering down, and any Connect battery configuration acts as a backup to AC power, at the same time as being charged from it.

Internal: 1 hours   2 cell: 10 hours

4 cell: 20 hours   6 cell: 30 hours

External Battery

D-Tap/AC Power   Internal Battery

Connect:
Attach to, and power, Atomos Ninja, Ninja-2 and Samurai.

In the field
→ Very small and lightweight
→ Battery powered (no AC needed)
→ Full day's use from one battery
→ Use with a mixture of devices

In the studio
→ Integrate affordable HDMI equipment throughout your SDI infrastructure
→ Connect HDMI devices to SDI switchers, routers and signal feeds

Editing & capture
→ Affordable monitoring with SDI to HDMI conversion
→ Easy conversion for cameras, decks, and capture cards

The Ultimate Video Tool

Not just the world's smallest 3G converter! A must have tool for professional everyday use

TEST PATTERN GENERATOR

Convenient broadcast-quality test patterns for equipment verification on the fly anytime, anywhere!
Also includes Audio Tone Generator

3:2 3:2 PULLDOWN REMOVAL
Realtime Pulldown Removal. Extract 24P/30P from 60i & 25P from 50i or PSF equivalents

FLASHLIGHT
A built-in LED torch, so you can see what you're connecting to in the dark!

TC TIMECODE PASS-THROUGH
HDMI→HD-SDI / HD-SDI→HDMI

What's in the box

Dimensions	45.0mm (w) x 76.5mm (l) x 30.0mm (h)
Weight	115 grams/4.0 Oz. (without ext. battery) 215 grams/7.6 Oz. (with ext. battery)
Power Consumption	2W while converting
Batteries (NP Series, 7.4V - 16.8V)	• Internal up to 1 hour • 2600mAh - 10hrs (included) • 5200mAh - 20hrs (optional) • 7800mAh - 30hrs (optional) • AC Power Supply 100-240V (included) • D-Tap Adaptor (optional)
Continuous Power (Patent Pending)	Connect acts as a battery, feeding continuous power into your Ninja, Samurai, or another Connect.
Built-in 3:2 and 2:2 Pulldown Removal	• 25PsF (50i)→25P • 30PsF (60i)→30P • 24p (3:2-60i)→24P
Test Pattern Generator	SMPTE 75%, Colour Bars 75 & 100%, SDI EQ/PLL Pathological, Audio Tone 1kHz @ -20dBfs

USB Interface	Firmware Update Interface ONLY	
Video Input	S2H: 3G/HD/SD-SDI x 1	H2S: HDMI x 1
Video Out	S2H: 3G/HD/SD-SDI x 1 and HDMI x 1	H2S: 3G/HD/SD-SDI x 2
Audio (In/Out)	Embedded Audio 2ch, 24bit	
Timecode	SDI: Sony, Canon, Panasonic, Arri, RED HDMI: Sony, Canon Timecode, Canon Start/Stop	
Supported Formats (In/Out)	1080p60, 1080p59.94, 1080p50, 1080i60, 1080i59.94, 1080i50, 1080p30, 1080p29.97,1080p25, 1080p24, 1080p23.98, 1080psf30, 1080psf29.97, 1080psf25, 1080psf24,1080psf23.98, 720p60, 720p59.94, 720p50, 486i59.94, 480i59.94, 576i50	

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