ATOMOS Samurai Blade HD-SDI Monitor / Recorder

Atomos

Abel Code: ATM-ATOMSMB001

Mfr. Code: ATOMSMB001

Not Available Online

Special Order Only

Description

The Samurai Blade is a production recorder, waveform monitor, and playback deck for HD-SDI cameras.

Key Highlights

- Production recorder
- 5" IPS waveform monitor
- Playback deck

OVERVIEW

The **ATOMOS Samurai Blade HD-SDI Monitor / Recorder** enables the user to capture footage directly from a professional SDI camera to Apple ProRes or Avid DNxHD. Record high-resolution proxies from ARRI and RED, and edit inside a responsive timeline until ready to swap out the proxies for final delivery.

Instantly review footage on the Blade on location or in the edit suite. Loop straight out to a SDI broadcast monitor for client reviews and mark takes with favorites or reject clips based on client feedback. Monitor with the responsive SuperAtom 5" display. The intuitive touchscreen interface gives you one touch access to Waveform monitoring for both Luma and RGB parades, Vectorscope, Focus Peaking, Zebra Patterns and False Color. Dock the Master Caddy and import your media into your NLE, all with no transcoding. Save time in your workflow and edit faster than ever thanks to the native codecs of Apple ProRes and Avid DNxHD.

While shooting in camera Log (S-Log2, S-Log3, C-Log, V-Log etc) delivers the maximum sensor detail in your recordings, when viewed on monitors it looks washed out and makes judging exposure difficult. AtomHDR brings post production for HDR monitoring to the field, displaying high brightness range of Log footage with the brightness and vibrancy as the eye sees it on our SuperAtom IPS 8-bit 400nit calibrated monitor.

Included on every Samurai Blade is SDI I/O for quick connections to SDI Broadcast and Film cameras and output to larger on set monitors for instant review.

With the hot-swappable dual battery system you will never be out of action. Keep recording and automatically swap to a second battery when power is low.

Thanks to affordable 2.5" HDDs and SDDs, expect reliable and long recordings which is ideal for event shooters. With a 1TB HDD, you can record 10+ hours of Apple ProRes HQ, breaking the 30 minute recording barrier imposed by many cameras.

<u>Features:</u>

- Super-bright 5" IPS 1280 x 720 touchscreen monitor
- Full waveform vectorscope with zoom & RGB/luma parade
- Adjustable gamma, contrast & brightness
- Standard BNC connectors
- Real-time monitoring, playback, playout & edit logging in the field
- Focus assist, zebra & false color monitoring
- Record direct from the sensor to 10-bit, 4:2:2 ProRes or DNxHD
- S-Log/C-Log recording
- Trigger REC/STOP from camera (Canon, Sony, ARRI, Panasonic, RED, JVC)
- Timecode from camera
- Uses inexpensive 2.5" HDD/SSD media
- AC/DC/battery with patented Continuous Power

WHAT'S IN THE BOX

- ATOMOS Samurai Blade HD-SDI Monitor / Recorder
- Universal Battery Charger (110- 240V)
- AC Adapter & Car Charger
- Docking Station & Leads
- 2 x Master Caddy Cases
- Atomos 2600mAh Battery
- D-Tap Adapter
- 2.5mm "Y" adapter cable for LANC
- Rugged Carry Case

SPECIFICATIONS

KEY HIGHLIGHTS

- Production recorder
- 5" IPS waveform monitor
- Playback deck
- For HD-SDI camera systems

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BATTERIES

Hot Swap:	Yes - Primary-secondary battery system Change batteries without losing power Loop batteries continuously
Operating Time:	2600mAh - up to 4hrs - 7.4V
	5200mAh - up to 8hrs - 7.4V
	7800mAh - up to 12hrs - 7.4V

INPUTS & OUTPUTS

Headphone Out:	Headphone Out (3.5mm) - Line In / Headphone Out: 2CH 48kHz 16-bit
Audio I/O:	Audio Input - HD-SDI (12CH 48kHz 16-bit)
	Audio Output - HD-SDI (12CH 48kHz 16-bit)

MICROPHONES

Sampling Rate:	16 bit / 48 kHz

MONITORS

Bit Depth:	8-bit
Monitor Resolution:	1280x720 - 325 PPI
Monitor Input:	1 x HD-SDI - SMPTE
Monitor Size:	5.0" and Under
Monitor Brightness:	400Nits
Monitor Type:	LCD - SuperAtom IPS panel (capacitive touch), REC709 HDTV color standard
Monitor Options:	Recorder
Display Functions:	HDR - AtomHDR
	1D LUT

RECORDERS

Media Rec Options:	SSD - 2.5" HDD (5,400 to 7,200rpm); check approved List at atomos.com/drives

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Recorder Options: Remote Start/Stop - SDI trigger camera selectable

RECORDING

Compression: Apple ProRes HQ, 422, LT - Video to ProRes / DNxHR

AVID DNxHD 220x, 220, 145, 36 - Video to ProRes / DNxHR

Playback Frame Rate Notes: Pulldown Removal - 24/25/30pSF > 24/25/30p (2:2 pulldown) 60i > 24p (3:2 pulldown)

Recording Frame Rate: 1080p: 24/SF24/25/SF25/30/SF30, 1080i: 50/60i, 720p: 50/60p, SD: 480i / 576i

SOFTWARE / APPS / PLUGINS

XML Support: FCPX XML native, FCP7 supported with conversion (Adobe compatible)

SHIPPING

Width: 11.5 in

Height: 4.7 in

Length: 14.6 in

Weight: 6.6 lb