



# **ATOMOS SAMURAI** YOUR 10-BIT HD/SD-SDI SMART PRODUCTION WEAPON







## SmartControl

Control individual, or multiple, Samurai field recorders, in any combination via serial control from a deck, PC, Mac, or iPad/iPhone.

- $\rightarrow$  All functions of the Samurai can be controlled from a separate device, even remotely over the internet.
- → Standard deck control functions are available to integrate into existing infrastructure - perfect for custom system design.
- $\rightarrow$  Auto record means that as soon as a signal is detected by the Samurai, recording will be started. Perfect for motion sensor recording or fail-safe recording from live feeds.

SmartMonitor

III IIIIIII

Accurately assess focus and exposure with:



Rec

<u>ດ</u>

Mon



False Color Twin Mode

Blue Only - Exposure Check

Control -

Adjustments for individual filters





**One-touch Review** 

## SmartLog

Edit

Log in and out points on your footage and tag these clips with keywords such as 'good shot', 'bad shot' etc.



With the Samurai this part of the post production process can now be done on set, or on the move, with Continuous Power.

SmartLog operates while in Monitor or Playback mode. It saves time, money and allows fast, collaborative pre-editing prior to final post production.

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**One-touch Monitoring** 

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#### 10-bit 4:2:2, 220Mbps, 2.5" HDD or SSD

Professional media production is all about balancing quality, cost and time. We understand this dynamic and our aim is to redefine the digital recording workflow to maintain the highest recording quality, minimize the time taken to move video from camera to computer and lower the cost of production using affordable, high capacity, high speed media.

The Samurai takes any uncompressed HD or SD source and encodes it in real-time to 10-bit, 4:2:2 Apple ProRes or Avid DNxHD at up to 220Mbps. Both are class-leading codecs for production, broadcasting, editing and post-production. Because we are portable, we can record from the ultimate image source, the sensor of the camera.

The Samurai always records in 10-bit, even from an 8-bit source. We add color registries for integration into higher bit-depth graphics from CG, animation and special effects. This avoids banding and makes editing and grading, in fact any precision effect, more accurate.

# Any HD-SDI or HDMI<sup>®</sup> source...

#### DSLRs, Decks, Switchers, PC, Mac, iPad & iPhone

Samurai has HD-SDI In/Out and optional HDMI In\*. Virtually any device transmitting an HD/SD-SDI or HDMI signal is compatible with the Samurai, including cameras, decks, switchers, routers, PCs, MAC, tablets and smart phones as well as audio equipment, which make it an indispensible tool for any number of scenarios.

#### Nikon/Sony/Panasonic/Canon/Red/Arri/JVC/GoPro

Whether you are a Hollywood DOP needing high quality review and tagging tool from an Arri, RED, Canon or Sony camera, or an independent filmmaker using a Nikon DSLR for end-to-end digital production, the Samurai makes all types of production faster, better and easier, and at very little cost.

James Cameron used Samurai field recorders on his *Deep Sea Challenge* - need we say more? From 4 miles down to 20,000 feet up, Samurai will record your adventures in super high quality – it's got you covered on land, air and sea!



COMPATIBLE

## Ready to deliver, high-capacity HDD or SSD No more expensive memory cards!

Samurai frees you from the financial and operational constraints of expensive Flash media (e.g. SxS and P2) and aggressive compression (MPEG-2) by allowing you to use cheap, commodity storage that's available anywhere.

Choose inexpensive 2.5" hard disk drives (spinning disks) for 90% of projects and Flashbased SSDs for rough terrain or high security use. HDDs are now cheaper than tapes! Store them on a shelf or hand them to your client. Modern commodity storage is extremely reliable.

A 750GB/5400rpm drive holds up to 16 hours of high quality Apple ProRes® footage.

#### **Supported Drives**

**HDD:** Western Digital, Hitachi, Samsung, Toshiba **SSD:** Intel, OCZ, Cruise

Latest recommended drives: www.atomos.com



### Focus Peaking, Zebra, False Color & Blue Only Exposure



The Samurai replaces your current monitor with sharper images, better direct sunlight performance, loop play and professional monitoring tools such as Focus Peaking to help you really nail that shot. Accessories such as Loupe and Sun visors are also available.

Combining monitoring with other essential production and post production tasks is just another example of why the Samurai is a Weapon of Smart Production.



## Pristine Playback & Playout SmartLog – Just Mark & Tag

Use your Samurai's 800x480 16:9 screen to navigate through and review your footage, to mark in and out points and input XML tags. Instantly show your material to production colleagues, clients or talent, and check each shot in detail, during or after the shoot – logging their suggestions without leaving the set. Review and edit an entire day's shoot on-set, or while travelling, with high-quality playback and comprehensive clip logging & navigation controls.

Just touch "Play" on the Samurai touchscreen and view your full HD recordings, with up to of 10 hours playback and editing on one battery charge (and don't forget our patent-pending Continuous Power for unlimited operation in the field).



The Samurai seamlessly migrates your productions to the efficient and cost-effective world of file-based workflows. By recording directly to a production-quality, edit-friendly format, it bypasses the codec in the camera and eliminates the time-consuming capture process completely.



The Samurai's tight integration with Apple ProRes<sup>®</sup> means recorded footage is instantly and natively editable in Final Cut, Media Composer, Premiere, EDIUS, Vegas and Lightworks.

# **Everything you need**

Samurai works right out of the box, you can be using it within minutes! We supply everything (except storage media) in a tough professional carry case.



# FROM SENSOR TO EDIT SUITE UNCOMPRESSED 10-BIT HD/SD

## Uncompressed 8/10-bit HD/SD from HD-SDI



# SAMURAI TECH SPECS



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