nano**Flash**

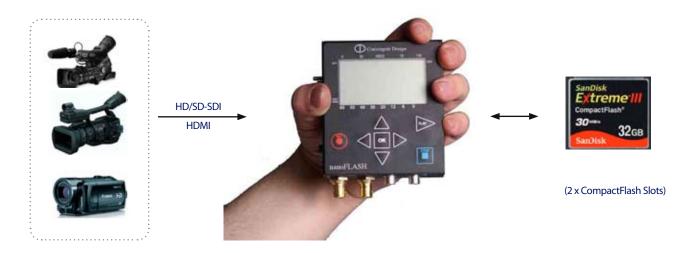## The World's Smallest Professional HD/SD Recorder/Player

Superb Video and Embedded Audio Quality
Tapeless Workflow...plus *ASI In/Out...

HD/SD-SDI

HDMI

(2 x CompactFlash Slots)

- Master Quality i-Frame Only 4:2:2 @220 Mbps or XDCAM 422 @ 160 Mbps
- Utilises very high quality Sony CODEC Module
- Virtual elimination of motion-artifacts, mosquito noise and keying problems
- 24-bit/48k audio: embedded or analog inputs, headphone/line output, level meters
- Analog audio input: one balanced mic or two unbalanced mics or two (consumer) line level
- Camcorder-mountable, low-power, all SOLID STATE design
- Long battery life (6.5 ~19.5V, 6W Active/0.2W Stand-by), battery voltage monitor
- QuickTime or MXF file format for easy transfer to leading NLE programs

* Optional chargeable extra - unlockable software feature

Convergent Design

www.convergent-design.com

Distributed by Symbiosis EU
www.symbiosis.eu

Outstanding A/V Quality/ Tapeless Workflow

Unique CompactFlash based Design
SanDisk Extreme III 32GB (~ US $135) for up to 160 Mbps
SanDisk Extreme IV 16GB (~ US $160) for up to 220 Mbps
USB CF Reader included - Lexar FW-800 (~ US $65)
Seemlessly switches recording from card to card

Powerful File-Based Tapeless Workflow
Industry standard QuickTime (.mov) file format for
Final Cut Pro or MXF File Format
Free QT -> MXF Converter
MetaData Support
Instant Playback of any clip, no need to rewind

Unique Recording/Playback Capabilities
Optional remote record start/stop with Tally LED
Pre-Record Buffer
LTC/Embedded TC; RS232/RS485 I/O
Coming soon: Over/Under Crank & GPS Support

Wide Format and Bit-Rate Options
1080i60/50, 1080psf30/25/24
1080p30/25/24, 720p60/50, 486i/576i
I-Frame only 4:2:2 @ 140/160/220Mbps
XDCAM 422 @ 50/100/140/160 Mbps
IMX (Standard-def) @ 30/50 Mbps
Audio: PCM 24-bit (recording)/MPEG1 Layer II (ASI)

CompactFlash® Card : Approx. Record Capacity using CF Cards (in Minutes)				
Bit-Rate	19Mbps	50Mbps	100Mbps	160Mbps
Record Capacity 2x16GB Cards	210	80	40	18
Record Capacity 2x32GB Cards	420	160	80	NA

MPEG HD422

Applications

- Upgrade native camera recording capability, blue/green screen compositing, off-line recording
- Portable HD/SD Deck, ENG, EFP, Indie, 3-D, Helmet Cams, Medical, Video Assist
- On-set Review, Presentations, Museums/Theme Parks, Trade Shows, Digital Signage
- Functions as a standalone HD/SD-SDI ->HDMI -> HD/SD-SDI Converter

Dimensions: 4.2" x 3.7" x 1.4" (107 x 95 x 35mm)
Weight: 400g
Power: Input range of 6.5 to 19.5V makes nanoFlash
                 compatible with most power sources

Note: Specifications are preliminary and subject to change without notice. nanoFlash
is a trademark of Convergent Design Inc. CompactFlash and SanDisk Extreme are registered
trademarks of SanDisk. QuickTime is a registered trademark of Apple Inc.

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