

Introducing the world's smallest HD/SD Recorder/Player

nanoFlash™

**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

**Unlock the Quality Potential of
your Camera**

* Optional chargeable extra - unlockable software feature



Convergent Design



nanoFlash™ World's smallest HD/SD Recorder/Player

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)
 Seamlessly switches recording from card to card

Bit-Rate	19Mbps	50Mbps	100Mbps	160Mbps
Record Capacity 2x16GB Cards	210	80	40	18
Record Capacity 2x32GB Cards	420	160	80	NA

MPEG HD422

• 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)



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.

