

nanoFlash

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



Super-small, lightweight, low-power with HD/SD-SDI and HDMI I/O

- Master Quality I-Frame-Only 4:2:2 @ 220 Mbps or XDCAM 422 @ 160 Mbps
- Utilizes very high quality Sony CODEC module
- **Camcorder Mountable:** 4.2x3.7x1.4" / 107x94x36 mm, Lightweight (under 1 lb / 400g)
- **Low-Operating Cost:** Records to affordable CompactFlash card (File-Based Tapeless Workflow)
- 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
- **Comprehensive NLE Support:** Final Cut Pro; Avid, Edius, Vegas, and soon Premiere
- Long Battery Life: (6.5 ~ 19.5V, 6W Active / 0.2W Stand-By), battery voltage monitor
- Coming Soon: ASI Encode/Decode: MPEG2 TS (Option)
- \$5039; Now Shipping

Applications / Benefits from Acquisition to Delivery

- **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
- Tapeless Workflow eliminates capture, 3X to 6X download speed, metadata support
- On-Set Review, Presentations, Museums / Theme Park, Trade Shows, Digital Signage
- High Quality distribution / HD Source deck for Movie Theaters / Indie Festivals / Any Projector
- All Solid-State design – Extreme Temperatures, High Gs; Rugged all-aluminum construction
- **ASI Encode/Decode Option** for microwave uplink, QAM Modulator, Video Server
- Functions as a Standalone HD/SD-SDI → HDMI or HDMI → HD/SD-SDI converter

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Outstanding Video / Tapeless Workflow / Low-Cost Media



Unique CompactFlash Based Design

- SanDisk Extreme III 32GB (≈ US \$135) for up to 160 Mbps
- SanDisk Extreme IV 16GB (≈ US \$160) for 220 Mbps
- USB CF Reader Included, Lexar FW-800 ≈ US \$65
- Seamlessly switches recording from card to card

Powerful File-Based Tapeless Workflow

- Industry Standard QuickTime (.mov) 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 @ 140/160/220 Mbps
- XDCAM 422 @ 50/100/140/160 Mbps
- XDCAM EX @ 35 Mbps
- IMX (Standard-Def) at 30/50 Mbps
- Audio: PCM 24-Bit (recording) / MPEG1 Layer II (ASI)



Approximate Recording Time (in Minutes)

Bit-Rate	19 Mbps	50 Mbps	100 Mbps	220 Mbps
Two 16GB CF Cards	210	80	40	18
Two 32GB CF Cards	420	160	80	NA