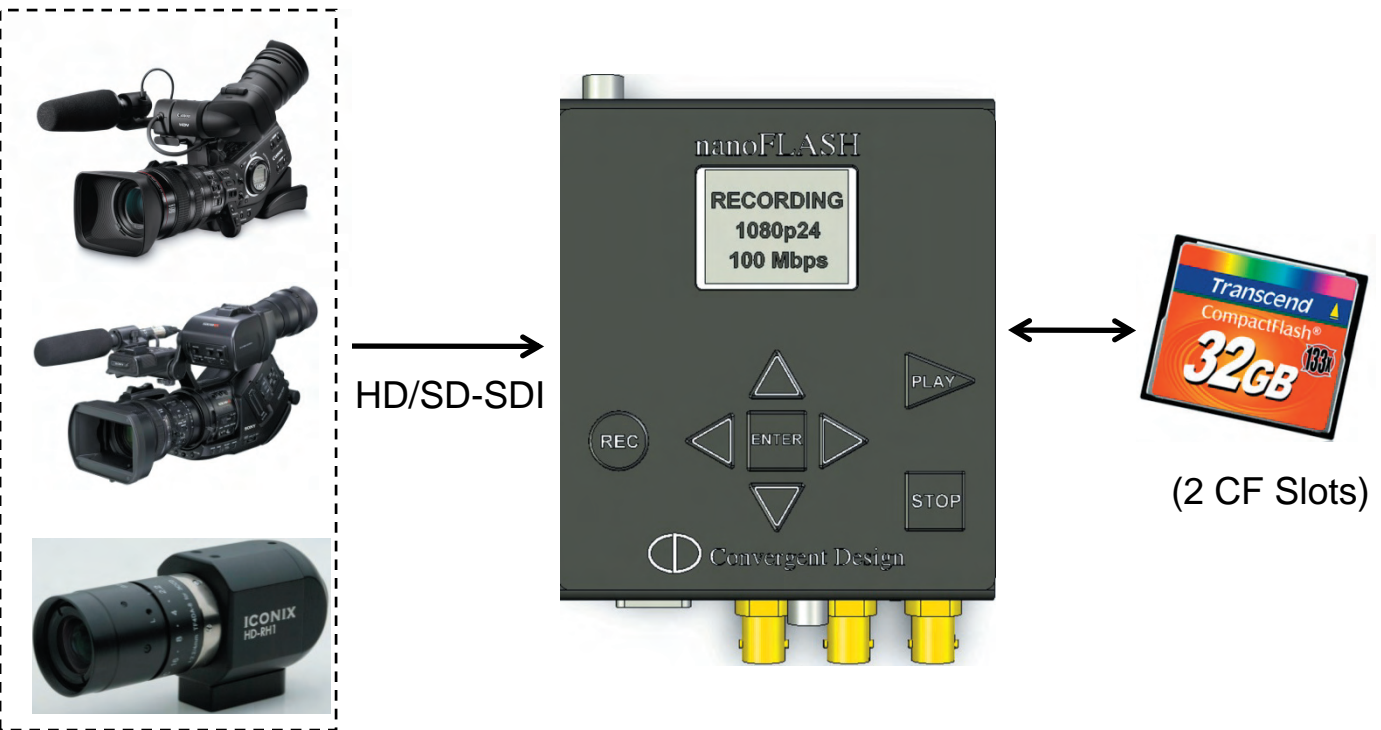


Introducing nanoFLASH

The smallest HD Recorder/Player

High-Quality Video Using Low-Cost Media



Highlights

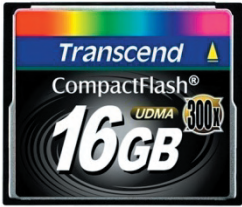
- Very High Quality Video Recording and Playback: MPEG2 4:2:2 50/100/160 Mbps
- Uses Low-Cost (32GB = US \$140), High-Performance CompactFlash© Media
- Dual Card slots enable 140/70 Minutes @ 50/100 Mbps; RAID1 capable
- HD/SD-SDI (8-Channel 24-bit embedded audio +TC) In and Out, LTC In, RS-232/485
- 1080i59.94/50, 1080p30/29.97/25/24/23.98, 720p59.94/50, 480i/576i support
- 24p pull-down removal, Image Flip, Time-Lapse Recording
- Compact: 4.1x3.7x1.4", (106x94x36mm), 8W Active / 0.5W Standby (6.5 to 20V DC)
- Camcorder Mountable, camcorder battery mount option
- Optional HD/SD ASI I/O (MPEG2 TS) for satellite uplink, ENG, VoIP
- 5V Power-Out supports optional HDMI → HD-SDI or HD-SDI → HDMI converters
- QuickTime (.mov) and MXF File Format Support
- US\$3495; ASI Firmware Upgrade (Pricing TBD)

Applications

- Upgrade native camera recording capability, blue/green screen compositing
- HD Deck Replacement, High Quality Presentations, Archival, Blu-ray Encoding

nanoFlash

Outstanding Video Quality / Tapeless Workflow



High-Performance
Solid-State Media

Innovative CompactFlash Based Design

- Industry-standard, non-proprietary memory
- Widely available, low-cost, Transcend 32GB costs ≈ US \$140
- High-performance, low-cost readers, Lexar FW-800 ≈ US \$60
- Hot-swappable, non-volatile, highly reliable
- Long-life: 10K Insertions / Removals

Powerful File-Based Tapeless Workflow

- Industry Standard QuickTime or MXF (OP-1A) File Format
- XML Based MetaData
- No drop-outs or head crashes

Instant Editing from the CF Card

- Daisy-Chain Up to Four Lexar FireWire-800 Readers
- Instant access to 4.5/2.25 Hours of Footage (50/100 Mbps)
- Edit directly from card (4/2 streams at 50/100 Mbps)
- Download to hard-drive at 6~3x real-time (50/100 Mbps)



FireWire-800 Reader
340 Mbps I/O

Unique Recording Capabilities

- RAID 1 (Redundant) Recording Capability
- Time-Lapse Recording (I-Frame Only)
- Pre-Record Buffer
- 24p Pulldown Removal and Image Flip
- Selectable triggers: GPI, Incrementing Time-Code, etc.

Outstanding Audio / Video Quality

- High Quality Sony MPEG2 CODEC
- 4X to 6X the Data-Rate of HDV
- MPEG2 4:2:2 Full-Raster (1920x1080, 1280x720, 720x576/480)
- Long-GOP up to 100Mbps, I-Frame up to 160Mbps (50Mbps in SD)
- 16/24-Bit Uncompressed Audio

MPEG2 HD422

Approx. Record Time (Two 32GB Cards)

Video Format	480/576i @ 50 Mbps	720p50 @ 50 Mbps	1080i60 @ 50Mbps	1080i60 @ 100 Mbps
Record Time (Mins)	140	140	140	70



CompactFlash®

Important Note: the 133X 32GB Transcend CF cards (US \$140) have sufficient performance for data-rates up to 100 Mbps (Long-GOP or I-Frame). Data-rates above 100 Mbps require the higher speed 300X 16GB Transcend card (US \$170)