

Flash XDR

Unlock the Quality Potential of your Camera
Enjoy the Benefits of Tapeless Workflow

HD-SDI Camcorders



HD-SDI



(4 CF Slots)

HD POV Cameras



Flash XDR

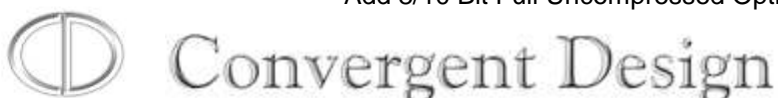
Superb Audio and Video + Tapeless Workflow + ASI I/O

Upgrade your existing camera to master quality video while advancing to tapeless workflow in one low cost unit that is transferable from camera to camera. Unlike Firewire drives, which provide no image quality improvement, Flash XDR captures the never-compressed HD-SDI output using a world-class 4:2:2 full-raster (1920x1080i/p) MPEG2 CODEC, at bit-rates up to 100 Mbps (4X HDV), or I-Frame Only bit-rates up to 160Mbps.

Flash XDR virtually eliminates motion-artifacts, mosquito-noise and keying problems. Master Quality 100 Mbps Long-GOP recordings are, in our tests, visually indistinguishable from uncompressed. Superb 24-bit uncompressed audio, with user selectable embedded or external mic/line inputs, complements the stunning video.

The solid state, low-power, fanless design utilizes affordable CompactFlash media to provide 2.4 hours recording time at 100 Mbps using four low cost 32 GB cards! Industry standard Quicktime and MXF file formats ensure easy transfer to leading NLE programs with all the benefits of a tapeless workflow, including instant review, fast downloads and metadata support. Additional features include 24p pull-down removal, time-lapse recording, pre-record buffer and redundant recording.

Flash XDR comes at the break-through price of US \$4995.
Add ASI I/O for US \$995 for microwave uplink and IP connectivity.
Add 8/10 Bit Full Uncompressed Option for US \$995 (Scheduled for 2009 Availability)



++720-221-3861
www.Convergent-Design.com

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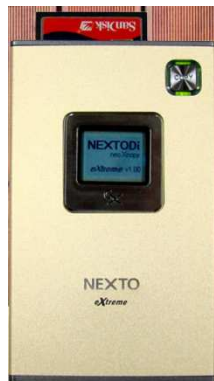
Outstanding A/V Quality / Tapeless Workflow



High-Performance
Solid-State Media



Lexar Stackable
FireWire800 Reader



CF → NexTo Drive
(eSata Backup and
Media Management)



Transcend 32GB 133x
CompactFlash® Card

Innovative CompactFlash Based Design

- Uses Industry-standard, non-proprietary memory
- Widely available, low-cost, 32GB costs ≈ US \$77
- Hot-swappable, non-volatile, highly reliable and reusable
- Long-life: 10K Insertions / Removals
- High Quality 50 Mbps Long-GOP footage can be archived on CompactFlash cards for under \$1.10 per minute

Powerful File-Based Tapeless Workflow

- Industry Standard Quicktime and MXF File Formats
- XML Based MetaData
- High-speed transfer via USB, Express Card, or Firewire-800

True “Field” Recorder

- Small Size, Lightweight, Solid State, Low Power, No Fans
- Maintenance Free Design, no mechanical moving parts.
- Rugged Industrial Design: lightweight aluminum chassis with a protective rubberized jacket.
- All Solid-State design means no heads to crash, tapes to jam, or moving parts to fail.
- Professional XLR and Hirose Connectors.
- Multiple units can be triggered simultaneously.
- Camera/Equipment mounting plate included.

Unique Recording Capabilities

- Time-Lapse Recording (I-Frame Only)
- Pre-Record Buffer
- 24p Pulldown Removal and Image Flip
- Audio / Video Sync Adjustment
- Redundant Recording Capability
- Record Options: Record Button, Remote Control, Incrementing Time-Code.

Outstanding Audio / Video Quality

- High Quality Sony MPEG2 CODEC
- 4X the Data-Rate of HDV
- MPEG2 4:2:2 Full-Raster (1920 x 1080)
- Long-GOP up to 100 Mbps, I-Frame Only up to 160 Mbps
- 16/24-Bit Uncompressed Audio
- Future 8/10 Bit Full Uncompressed Option – US \$ 995

Approximate Recording Time (Four 32GB Cards)

Video Format	720p50@ 50 Mbps	1080i60 @ 50Mbps	1080i60 @ 100 Mbps	1080i60 @ 18 Mbps
Record Time	4 Hours 44 minutes	4 Hours 44 minutes	2 Hours 22 Minutes	13 Hours Proxy Recording