

Introducing a revolutionary Portable HD Field Recorder/Player

# Flash XDR™

Superb Video and Audio Quality  
Tapeless Workflow...

plus \*ASI In/Out...

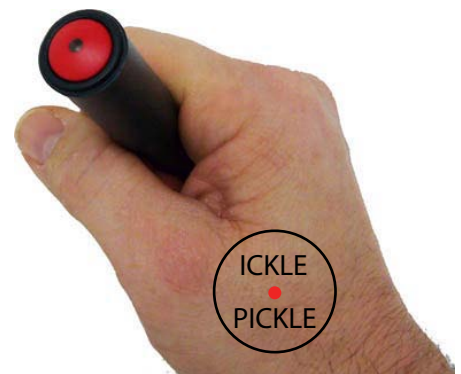
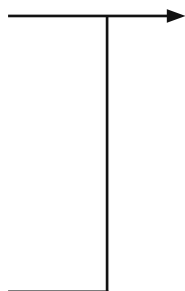


4 Compact Flash Card Slots

HD-SDI  
Camcorders



HD POV  
Cameras



\* Remote Start/Stop switch with 3m/10' cable and red LED record light.

- Capture using the never-compressed HD-SDI output using a world-class 4:2:2 full-raster (1920x1080i/p) MPEG 2 Codec at bit-rates of up to 160 Mbps (4X to 6X that of HDV)
- Virtual elimination of motion-artifacts, mosquito noise and keying problems
- Superb 24-bit uncompressed audio (mic or line input)
- Camera-mountable, low-power, all SOLID STATE design
- Up to 142 minutes of recording time (100Mbps using 4 x 32Gb CFlash Cards)
- MXF file format for easy transfer to leading NLE programs



Unlock the Quality Potential of  
your POV/HDV/XDCAM/HDCAM  
Cameras and Polecam

\* Optional chargeable extra - unlockable software feature



Convergent Design



# Flash XDR™ Ultra-Portable Field Recorder/Player

## Outstanding A/V Quality/Tapeless Workflow

### • Innovative CompactFlash based Design

Industry standard, non-proprietary memory  
Widely available, low cost, 32GB card costs ~ US \$150  
Hot swappable, non-volatile and highly reliable  
Long-life: 10k insertions and removals

### • Powerful File-Based Tapeless Workflow

Industry standard MXF (OP-1A) File Format  
XML based Meta-Data  
High-speed transfer via USB, Express Card or  
Firewire-800 Reader

### • True "Field" Recorder

Small size, Lightweight, Low Power, No Fans  
Rugged Industrial Design: aluminium chassis  
with rubberised protective jacket  
All Solid-State construction, no heads to crash or  
tapes to jam  
6 User-Programmable Function Keys  
16 User-Defined Presets (Video/Audio Setup/Meta-Data)  
Locking Connectors and Lockable Keyboard  
Multiple Units can be simultaneously triggered



High-Performance  
Solid State Media



FireWire 800 Reader  
340 Mbps I/O



Canon XL-HL with  
Flash XDR

CompactFlash® Card : Approx. Record Capacity using 4x32Gb CF Cards (in Minutes)				
Video Format/Bit-Rate	720p50 @50Mbps	1080i60 @50Mbps	1080i60 @100Mbps	1080p24 4:2:2 10-bit Uncompressed
Record Capacity 4x32GB Cards	284	284	142	17

### • Unique Recording Capabilities

Time-Lapse Recording (i-Frame ONLY)  
Pre-Record Buffer  
24p Pulldown Removal and Image Flip  
Audio / Video Sync Adjustment  
RAID 1 (Redundant) Recording Capability  
Programmable Triggers: GPIO, Incrementing Time-code etc

### • Outstanding Audio and Video Quality

High Quality Sony MPEG2 Codec  
4x to 6x the data-rate of HDV  
MPEG2 4:2:2 Full-Raster (1920 x 1080)  
Long-GOP up to 100 Mbps, i-Frame up to 160 Mbps  
16/24-bit Uncompressed Audio

**Uncompressed 8/10-bit 4:2:2 Option (available Fall 2008)**



**Top View**

LCD Panel, Function Keys,  
Status LEDs, Record and Play  
Buttons



**Right Side View**

Audio Inputs (L & R)  
Combo Audio  
Outputs



**Bottom View**

IDX, Anton Bauer and  
Tripod Mounts



**Left Side View**

CompactFlash Slots shown  
with and without Cover



**End View**

Power In (XLR), HP Out, GPIO, RS-422,  
On/Off TC I/O, 1394,  
SDI Out, SDI/ASI Out, SDI/ASI In

Note: Specifications are preliminary and subject to change without notice. XDCAM and HDCAM are registered trademarks of Sony Corp. Flash XDR is a trademark of Convergent Design Inc. CompactFlash and SanDisk Extreme are registered trademarks of SanDisk.

## Applications

- Upgrade video quality, tapeless workflow.
- Live-Event recording (churches, concerts, etc), News or Courtroom Pool Feed.
- OB Trucks: ASI to Microwave/Satellite UpLink; Digital Signage
- Sports, Nature shoots, Film documentaries etc.
- Helicopters, Race-Cars, Airplanes, Helmet cameras.
- Sports, Medical, Corporate, ENG, EFP, Underwater cameras.

Dimensions: 8" x 6" x 2.5" (203 x 152 x 63mm)  
Weight: 2.7 lb (1.2 kg)  
Power: 10 Watts

10 Sunbeam Road, Woburn Road Industrial Estate, Kempston, Bedford, MK42 7BY, England

+44(0)1234 855222  
+44(0)1234 885270  
info@polecam.com  
www.polecam.com

