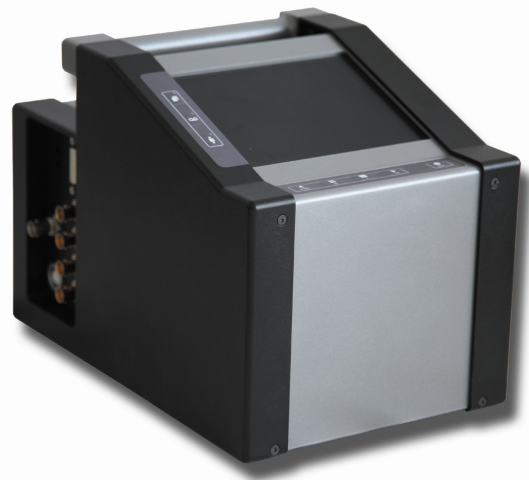


DigiDisk HD™

Portable, Broadcast Quality, Genlockable Single or Dual Link HD-SDI with Embedded Audio In and Out, Uncompressed, Digital Disk Recorder for use with all HD Cameras such as the Sony F950, Canon H1, and the ICONIX Mini HD. Incorporates Full VTR Controls. Can be Used in the Field with a Suitable Power Pack. Standard Unit Supports Two Hours of Uncompressed HD. Targeted at Digital Dailies, Military, and Other Unusual Applications Requiring Portability and Ruggedness.



Features

- Ruggedized to record during flying or helicopter flights
- 3D recording support
- Digital Video Input: Dual Link HD-SDI, two BNC (SMPTE 292M, SMPTE 372M)
- Digital Video Output: Dual Link HD-SDI, two BNC (SMPTE 292M, SMPTE 372M)
- 2 hours recording capacity for uncompressed Digital Cinema or HDTV image data
- Comfortable handling due to small and compact housing size
- Support for any format in Dual Link and Single Link HD-SDI
- Bayer pattern support
- No loss of image quality
- Storage of Audio, Timecode, and other meta data together with image data
- FireWire/FibreChannel for easy access to content (Up/Download)
- Flash version (SSD) available

Applications

- Digital Cinematography
- 3D recording
- Field recorder for military use
- High-quality HD origination & transfer
- Panorama or Bayer pattern recording

Overview

The portable DigiDisk HD™ field recorder is a new mobile storage concept for DC (Digital Cinema) and HD (High Definition) sequences, developed for use on film sets and postproduction.

The DigiDisk HD offers small size, comfortable handling and up to 2 hours of recording time for uncompressed image data.

The data is stored on a raid array of up to 16 notebook hard disk drives with a current storage capacity of up to 2 terabytes.

Supports LTC Time Code and Meta Data input. Some supported formats include 2048x 1080 pixel, 24p, XYZ, 4:4:4, 12b, YUV ARRI formats, Bayer Pattern, and Weisscam.

The recorded sequences can be played back in the same quality as they are captured or they can be converted into other frame rates.

Serving as an external hard disk, the DigiDisk HD stores each video frame separately as an independent file, so that direct transfer to postproduction systems is possible immediately.

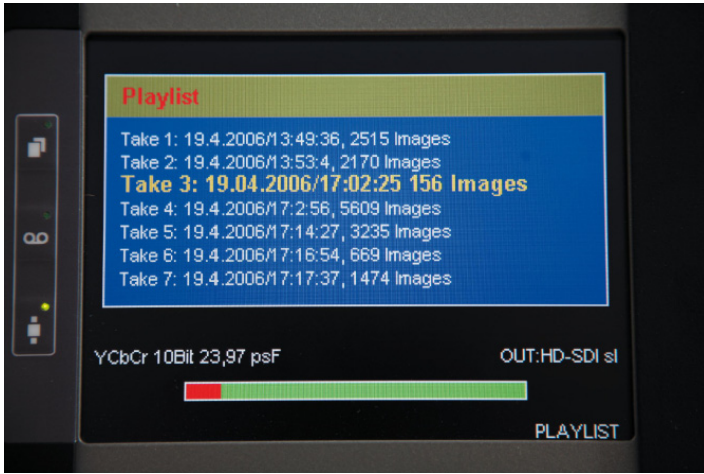
Immediate access to image data is guaranteed: no long wait for film processing, no need for additional video equipment. Just connect a camera and you are ready to record!



Computer Modules, Inc.
11409 West Bernardo Court
San Diego, CA 92127

Tel: (858) 613-1818 Fax: (858) 613-1815

www.dveo.com



Playlist Display

Storage Capacity

- 1 TeraByte HDD capacity
- 16 Notebook HDD in RAID array
- RAID-0 or RAID-6
- Transparent capture/play-back of embedded audio & meta data

Specifications – Physical & Power

Monitor:	Integrated preview & status monitor, TFT, 640 x 480 Pixel
Battery Mount:	Sony / AB (optional)
Power:	12 - 36 V DC, 90 VA
Dimensions:	11.3 x 8.1 x 7.6" 286 x 206 x 194 mm
Weight:	17.6 lbs / 8 kg

Ordering Information

Digidisk HD
Digidisk HD/F – optional Flash version (SSD)

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Inputs/Outputs

Inputs:	Digital Video: Dual Link HD-SDI with embedded audio, 2 BNCs (SMPTE 292M, SMPTE 372M) Analog Genlock Input, 1 BNC LTC Input, 1 BNC
Output:	Digital Video: Dual Link HD-SDI with embedded audio, 2 BNC's (SMPTE 292M, SMPTE 372M) LTC Output, 1 BNC Analog Stereo Output, 1 TRS
Connectors	75 Ohms BNC

Video Formats

Dual Link:	2048 x 1080 Pixel, 24p, XYZ, 4:4:4, 12b (Digital Cinema) 1920 x 1080 Pixel, 24p/25p/30p, RGB, 4:4:4, 10b/12b 1920 x 1080 Pixel, 48p/50p/60p, YUV, 4:2:2, 10b 1920 x 1440 Pixel, ARRI D-21 M-Scope, 23.97p/24p/25p, YUV, 4:2:2, 10b
Single Link:	1920 x 1080 Pixel, 23.97p/24p/25p/29.97p/30p/50i/60i, YUV, 4:2:2, 10b 1280 x 720 Pixel, 50p/60p, YUV, 4:2:2, 10b
Bayer Pattern:	ARRI D-20/D-21, WIGE, Weisscam, MicroHD, LMP...

General

Controls:	RS232 / RS422 (Sony 9Pin) Record IN / Tally OUT Integrated Keypad
Software:	Download / Backup Export to: YUV, TIFF, BMP, RAW, DPX, DNG, WAV (Audio) Proxy generation: MPEG-2, JPEG2000 De-Mosaicing / De-Bayering (optional) Versions for Windows®, Mac®, Linux®
IT Interface:	FireWire® (IEEE 1394), 400 Mbps FibreChannel, 2 Gbps
Storage:	Maximum 2 Terabytes HDD or SSD 90 minutes @ 4:4:4, 180 minutes @ 4:2:2 RAID-6 (data security) Flash version (SSD) available Transparent capture/playback of embedded audio & meta data



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