

DVS CineControl/ DVS CineReel.

optimizing digital film acquisition



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Capture and work with your footage right on the film set. Every frame is available immediately, in real time. Experience WYSIWYG in a higher dimension: true uncompressed HD 4:2:2/4:4:4 gives the utmost in digital film quality. The portable DVS CineControl gives you all the advantages of the digital world. Enjoy the convenience of making one-to-one copies of your footage, performing color correction and running previews with zero delay. Together with its storage unit, DVS CineReel, they form an ultra-powerful capturing combination.

With data rates of up to 305 MB/sec DVS CineControl acquires uncompressed HD data in real time from all professional digital video cameras such as the Thomson Viper FilmStream™, Panasonic® AJ-HDC27 VariCam or Sony CineAlta™ HDC-F950. DVS CineControl can be connected either via single or dual link HD-SDI. The on-set capturing system includes a simple-to-use graphical interface operated by means of a touch screen, an integrated touch pad or by the camera, plus a high-resolution preview monitor for screening the incoming footage. In contrast to working with film, the crew can get an accurate impression of the content and color quality of the shot on the set – any correction requirements become visible immediately.

The simple project management tools – designed for the needs of the Cinematographer – support you at every stage of the shoot. DVS CineControl helps you stay on top of the whole project. For example, you can create a shot-list in preparation for filming. That way all your exported footage is kept in the same hierarchical structure as the shot-list.

The acquired digital footage is stored onto the portable disk array, DVS CineReel, available in capacities between 700 gigabytes and 1.4 terabytes, which translates into 58 to 117 minutes of full-bandwidth RGB 10bit digital film. This facilitates simple transportation of the data to the digital lab and can be connected directly via high-speed network to an editing system like, for example, CLIPSTER®*.

* CLIPSTER®: Multi-resolution editing solution from DVS for real-time processing of data up to 2K.



While capturing data onto a DVS CineReel, an additional backup can be made using the DVS CineSafe RAID 3 protected disk array. This way all your footage is safeguarded. Robust casing, RAID 3 protection and on-line backup functionality guarantee you a maximum of data security.

The ReelReader software simplifies the export of the captured data in various file formats to your network or a Windows®, Linux® or IRIX® workstation. Just attach the DVS CineReel or DVS CineSafe to the system to export DPX files with the LTC included in the header, export audio as AIFF files or to write frames directly into the discreet® stone® file system.

Your Benefits

- Easy-to-handle on-set capture tool for uncompressed HD and FilmStream™ capture
- Optimized for field use: robust casing, portability
- Connects to all popular professional digital video cameras, e.g. Thomson Viper FilmStream™, Panasonic® AJ-HDC27 VariCam or Sony CineAlta™ HDC-F950
- Data rates of up to 305 MB/sec.
- Easy-to-use graphical user interface
- Simple project management tools
- Instant real-time playback of recorded footage
- High-resolution preview monitor
- Provides immediate impression of the shot
- Color correction for monitoring output with importable and exportable LUT files
- Simple and flexible integration into multimedia environments via high-speed network
- Seamless integration with CLIPSTER® and Pronto2K
- Supports all present and future interlaced or progressive HDTV and film resolutions
- Optional connections for 24VDC battery supply
- Quick transfer of high-resolution footage into post production by portable DVS CineReel
- Data backup on DVS CineSafe (RAID 3)

Key Features

- HD-SDI input and output in YUV(A) or RGB(A) 8/10 bit (single/dual link)
 - Support of all popular SD and HD formats:
 - SD: 525/59.94Hz: 720x486 (D1) and 960x486 (D5)
625/50Hz: 720x576 (D1) and 960x576 (D5)
 - HD: 1920x1080 @ 23.98p, 23.98psF, 24p, 24psF, 48i, 50i, 59.94i, 60i
1920x1035 @ 59.94i, 60i
1280x720 @ 23.98p, 24p, 25p, 29.97p, 30p, 50p, 59.94p, 60p
 - Two XGA TFT displays (for user interface and video)
 - Frame repetition for flicker-free sequences with low frame-rate material
 - 24 fps materials with 3:2 pulldown on play-out and pulldown removal on record
 - SDI & analog RGB output for review on video monitor
 - Digital audio (AES/EBU), embedded audio and ancillary data, including time code
 - Automated backup in the background with export of time code into the DPX header
 - Setup tools for easy access to system parameters
 - RS.422 master/slave operation
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- DVS CineReel & CineSafe connectable to IRIX®, Windows® & Linux® workstations
 - DVS CineReel / DVS CineSafe: direct access by Thomson Specter and to discreet® stone

Options

- Remote control by camera
- Flight case
- Connections for 24DVC battery supply
- DVS CineReel with 700 or 1400 GB storage
- DVS CineSafe with 1800 GB storage
- Flight cases for DVS CineReel and DVS CineSafe

DVS. contact

Your contacts at DVS:

DVS Digital Video Systems GmbH

Krepenstrasse 8
30165 Hannover
Germany

Phone: +49 (0)511 67 80 70

Fax: +49 (0)511 37 19 74

www.dvs.de

sales@dvs.de

DVS Digital Video, Inc.

300 East Magnolia Boulevard, Suite 102
Burbank, CA 91502

USA

Phone: 1 818 846 3600

Fax: 1 818 846 3648

www.dvsus.com

info@dvsus.com

Please check
www.dvs.de
for further information.

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