

HD/SD SDI HARD DRIVE RECORDER

datavideo

DESKTOP HD/SD SDI RECORDER



HDR-40

The Datavideo HDR-40 is a hard drive based video recorder, with removable hard drive enclosure, designed for studio desktop applications.

The HDR-40 records from both Standard and High Definition video equipment via SDI, with HDMI output, and convenient SDI loop through.

The recorder provides a choice of recording formats, including 1080i, 720p, 576i and 480i. In HD with a choice of IBP or Intra-frame (i frame), and in SD IBP.

The recorded .M2T files are compatible with a wide range of NLE and play out solutions on the market, and once the recording have completed, the hard drive carrier simply eject and via USB-2 connect to a PC or MAC based NLE system, (no extra power supply required, as USB-2 provides power, perfect for lap-top use in the field).

Work directly from the removable drive, or copy video files across to the NLE's video drives.

HDR-40 remote control interface includes RS-422, RS-232 and GPI for easy integration with other equipment.



FEATURES

- HD-SDI & SD-SDI Video input
- IEEE-1394 HDV input
- HDMI output (HD & SD-SDI loop through)
- IEEE-1394 HDV input
- Embedded audio via HD-SDI / SD-SDI
- Video Record format:
 - SD: 5Mbps - 15Mbps
 - HD: 20Mbps - 60Mbps
 - 4:2:0 Colour sampling
- Recording format *.m2t
 - HD IBP or Intra-frame
 - SD IBP
- Audio Record format:
 - MPEG-I Layer2
 - Sampling rate: 48KHZ
 - Bitrate: 384Kbps
- Hard drive enclosure includes convenient USB 2.0 connector, and SATA connection
- 2U Height fits 19" standard rack mount
- Audio monitor function
- XLR balanced audio input.
- Support RS-422, RS-232 & GPI control interface (Sony control protocol compatible)
- DC IN 12V

FRONT PANEL



REAR PANEL



FEATURES

Audio monitor with volume control and LED level display



Removable hard disc



Rugged 2.5-Inch hard drive carrier



E-SATE & USB Interface



HARD DRIVE CARRIER HE-1



WORKFLOW



Lightweight easy to carry



Removable hard disc

FRONT PANEL



REAR PANEL



USB interface for connecting with PC or MAC based computer NLE systems

Once you have completed your recording, simply eject the hard drive carrier, and use USB-2 to connect to a PC or MAC based NLE system, (no extra power supplier required, as USB-2 provides power so its perfect for laptop use in the field).

You can work directly from the removable drive, or copy video files across to the NLE's video drives.



SYSTEM DIAGRAM

