

HD/SD SDI HDD RECORDER



HDR-40

The Datavideo HDR-40 is a hard drive based video recorder & player, with a removable hard drive enclosure.

The HDR-40 records from Standard and High Definition video equipment via SDI, with a convenient loop through / pass through for monitoring. RS 422 and 232 remote control interfaces are standard.

The HDR-40 provides a choice of recording formats in MPEG-II including 1080i, 720p, 576i and 480i with a choice of IBP or Intra-frame (i frame).

The recorded files are compatible with a wide range of NLE and play out solutions.



The compact 2U design can be easily integrated with other equipment or can be used as a stand alone recorder/player in the studio or on location.

Once you have completed your recording, simply eject the hard drive carrier, and via USB-2 to 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).

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

FEATURES

- HD-SDI & SD-SDI Video input (with loop though)
- HDMI output
- Embedded audio via HD-SDI / SD-SDI
- Video Record format:
 - SD: 5Mbps - 15Mbps
 - HD: 20Mbps - 60Mbps
 - 4:2:0 Colour sampling
 - *.m2t recording format (Compatible with most NLE systems).
- 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 - Half 19" standard rack mount size
- 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



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

