

The HDR-40 & HDR-50 are hard drive based video recorders designed for studio desktop applications, recording in both Standard and High Definition video via SDI. They have HDMI output, and conveniently include SDI loop through.

The recorders come with a 250GB removable hard drive and provide a choice of 1080i, 720p, 576i and 480i recording formats. You can record HD in either 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. Once recording is completed, the hard drive enclosure simply ejects and can connect via USB-2 to a PC or MAC based NLE system. (USB 2.0 to mini-USB cable provided).

You can work directly from the removable drive, or copy video files into the NLE's video drives. The remote control interface includes RS-422, RS-232, and GPI for easy integration with other equipment. The only difference between the two recorders is the HDR-50 is rack mounted.

Features

- Embedded audio via SDI
- Variable recording bitrates – records SD at 25Mbps and HD at 20-60Mbps
- 4:2:0 color sampling
- Audio monitor function
- 2U height fits in 19" standard rack mounts
- Records audio as MPEG-1 Layer 2 format at 48KHZ, 384Kbps
- Hard drive enclosure includes convenient USB 2.0

Specifications

Video

- Input: HD-SDI and SD-SDI
- Output: HD-SDI, SD-SDI, and HDMI

Audio

- Input: Balanced stereo XLR

Video Recording Format

- SD: 5Mbps to 15Mbps
- HD: 20Mbps to 60Mbps
- 4:2:0 color sampling
- M2T recording format (compatible with most NLE systems)

Audio Recording Format

- MPEG-1 Layer 2
- Sampling rate: 48kHz
- Bitrate: 384Kbps

Control

- GPI, RS-232, and RS-422 control interface (Sony control protocol compatible)

Power

- 12V 4.2A DC operation 110/220 power supply and cord included

Native HDV (.m2t)



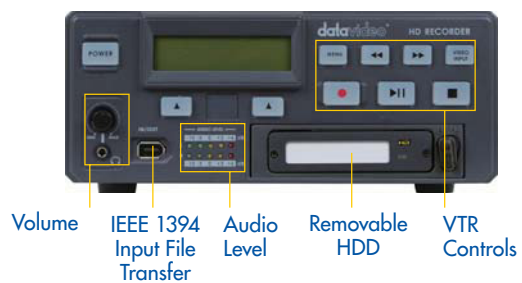
Removable hard drive

USB & E-SATA interfaces HDD25

Dimensions

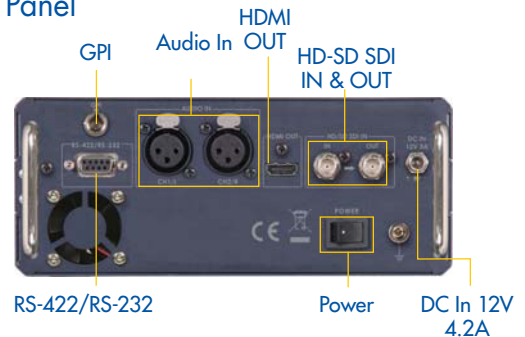
- Width: 8.3 inches (210mm)
- Depth: 11.3 inches (286mm)
- Height: 3.9 inches (99mm)
- Weight: 6lb (2.8kg)
- Power: 12V 4.2A DC 110/220 power supply included.

Front Panel



Volume IEEE 1394 Input File Transfer Audio Level Removable HDD VTR Controls

Rear Panel



RS-422/RS-232 Power DC In 12V 4.2A

HDR-50 (Rack Mounted)

Front Panel



Rear Panel



HDR-50 has the same specifications as the HDR-40.

Note: If you would like to purchase additional hard drive enclosures, please refer to part number HDD25 (Spare 2.5 Hard Drive Enclosure).

Dimensions

- Width: 18.8 inches (478mm)
- Depth: 9.4 inches (239mm)
- Height: 1.6 inches (41mm)
- Weight: 7lb (3.5kg)
- Power: 12V 4.2A DC 110/220 power supply included