HD/SD-SDI HDD Recorder
HDR-60

4:2:2 COLOUR SAMPLING

The Datavideo HDR-60 is a portable desktop HD video recorder & player, with a removable enclosure for 2.5" hard drives. The HDR-60 records from standard and high definition video equipment via SDI, with a convenient loop through. RS 422 and 232 remote control interfaces are standard.

HDR-60 supports 1080p, 1080i, 720p, 576i, 480i video formats and provides a choice of recording in MPEG-II Long-GOP or intra-frame (i-frame) with 4:2:2 color sampling. The recorded

MXF/OP1A file format is compatible with a wide range of NLE and play out systems.
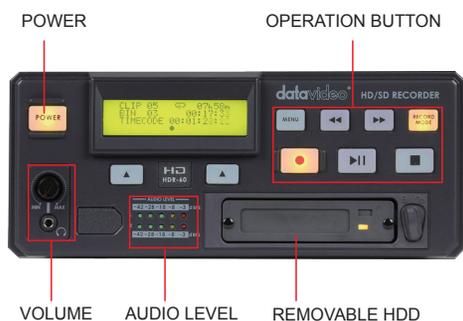
Once recording is complete, connect the hard drive in its caddy to a PC or MAC based NLE system via USB 2.0,

(no extra power supply required). You can work directly from the removable drive, or copy files across to the computer's video drives.

FEATURES

- HD/SD-SDI HDD Recorder with two removable HDD enclosure for SATA HDD/SSD solid state device
- Video resolutions:
  - -1920x1080 50i/59.94i/60i, 1920x1080 24p/23,96p
  - -1280x720 50P/59.94P/60P
  - -720x576i or 720x480i
- Support NTFS format, no 2GB/4GB file limitation
- HD/SDI input, output and loop thru with embedded audio
- HDMI output with embedded audio
- 2-CH balanced audio inputs, support embedded Audio
- 2-CH balanced audio outputs
- Audio level indicators, earphone interface for audio monitoring with volume control

- External Gen-Lock input and loop thru (B.B or tri-level)
- Time code(TC) input and loop thru
- RS-232/422 and GPI remote interface
- SD mode recording:
  - 8, 15, 30 or 50 Mb/s Long GOP 4:2:0 or 4:2:2
  - 25 or 50 Mb/s i-frame only 8-bit 4:2:2
- HD mode recording:
  - 10, 25, 35, 65 or 100 Mbps Long GOP 4:2:0 or 4:2:2
  - 100/125Mbps i-frame 8-bit 4:2:2
- Recording file formats: MXF/OP1A, MOV quick time*
  (*. MOV quick time by future firmware upgrade)
- Power: DC 12 Volt, 16 watt

FRONT PANEL

POWER   OPERATION BUTTON

VOLUME   AUDIO LEVEL   REMOVABLE HDD

REAR PANEL

GPI   HD/SD-SDI OUT   LOOP OUT
AUDIO OUT AUDIO IN   HD/SD-SDI IN

B.B./EXT.   TIME   RS-232 HDMI POWER DC IN
SYNC IN   CODE   OUT   12V 23W

FEATURES

Audio monitor with Volume control and LED level display

Removable HDD/SSD

Rugged 2.5 inch HDD/SSD enclosure

USB Interface

E-SATA   USB

HARD DRIVE CARRIER HE-1

FRONT PANEL

- HD/SD
- POWER LED
- TAPE

REAR PANEL

- DC
- USB
- E-SATA

Once you have completed your recording, simply eject the hard drive carrier, and use

USB 2.0 to connect to a PC or MAC based NLE system, (no extra power supplier required, as USB 2.0 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.

WORKFLOW

Lightweight easy to carry

Removable hard disc

USB

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

SETUP DIAGRAM

HD-SDI
1

HD-SDI
2

HD-SDI
3

HD-SDI
4

CAMERA

PC

DVI

GRAPHIC OR POWERPOINT

EXT.MIC
1 2 3 4
XLR XLR XLR XLR

7' LCD MONITOR TLM-700HD

HD-SDI

HD-SDI

HD RECORDER HDR-60

XLR

AUDIO

AUDIO DELAY BOX AD-100