

STANDARD FEATURES

- Camera back mount or standalone DVR
- Anton Bauer Gold Mount & IDX V-mount
- J2K compression
- Discrete access to every frame
- Record/Playback in HD (1080i, 720p) or SD (480i)
- 100 Mbit/s data rate
- 10 bit quantization
- 4:2:2 sampling
- 8 embedded audio channels per HD channel
- SMPTE 259M-C and SMPTE 292 (HD-SDI)
- 2.5" hot swappable SATA drive with USB connection
- Loop record feature
- Instant cueing, clip recall
- Time code input
- External Trigger Input



Elite HD is the first camera-mounted digital video recorder and player to harness the J2K compression codec for recording HD-SDI video signals. The Elite HD gives broadcasters a powerful new option for recording high-quality video from any camera that provides an HD-SDI output at 1080i or 720p while simultaneously increasing record times, reducing recording media costs and streamlining workflow.

While other onboard camcorder recording systems use high cost proprietary media and record using traditional MPEG based compression systems, the Elite HD is able to capture the full potential of the camera by recording the cameras HD-SDI output using near lossless J2K compression. Designed to mount on the back of a camcorder or used as a standalone DVR, the Elite HD accepts up to eight channels of embedded audio and records at data rates of 100 Mbit/s. Video is recorded to a standard 2.5" hot swappable SATA drive, which can provide up to 10 times more storage than onboard systems.



VIDEO INPUT

Digital Input: SD/HD-SDI
 Standards: SMPTE 274M (1080i)
 SMPTE 296M (720p)
 SMPTE 347M (NTSC & PAL)

Supported Resolutions: 1080i/29.97/25
 (1920 x 1080i/59.94/50/2:1 Interlace)
 720p/59.94/50
 (1280 x 720/59.94/50/Progressive)
 NTSC (720 x 486/59.94/2:1 Interlace)
 PAL (720 x 576/50/2:1 Interlace)
 Supports 4:3 or 16:9 aspect ratio

Connections: BNC 75 ohms

AUDIO INPUT/OUTPUT

Digital Input/Output: 8 Channels embedded HD-SDI
 4 Channels embedded SD-SDI

Connections: BNC connectors unbalanced

AUDIO SPECIFICATIONS

Resolution: 24 bits
 Audio Channels: HD embedded 8 in 8 out
 SD embedded 4 in 4 out

Sampling Rate: 48 KHz

TRIGGER 3.5mm stereo audio jack

RS-232 Software update connection



HARD DRIVE

Maximum Hard Drive: 1 Removable

Supported Hard Drive: 2.5" SATA Drive
 Hitachi/WD/Seagate

Enclosure: Supports 9.5mm drive height

TIME CODE

SMTE/EBU Longitudinal (LTC)

VIDEO COMPRESSION

Method: Motion JPEG2000
 Bit Rate: HD: 100Mbit/s
 SD: 50Mbit/s

WARRANTY

1 Year

GENERAL

Physical Dimensions: 4.625" H x 8" W x 2" D

Weight: 1.25 lbs

Power Consumption: 10.8W

Power Connection: XLR-4M



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Specifications subject to change