

Datavideo HDR-80

ProdCode: DATAHDR80
ProRes Video Recorder



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Features

- 4K ProRes video recorder | 4 channel HD recorder and switcher
- 5-inch LCD touch screen for operation and monitoring live recording status
- 3G/HD/SD-SDI and HDMI input and output with audio embedding
- Multiple ProRes video compression techniques for recording (ProRes 422 Proxy, ProRes 422 LT, ProRes 422, ProRes 422 HQ) with superior 10-bit 4:2:2 image quality
- Dual 2.5" SSD storage so there is always more than enough for long hour recording
- Video input: 4 x 3G-SDI, 2 x HDMI | 1 x 12G-SDI
- Video output: 4 x 3G-SDI, 3 x HDMI
- Multiview output: HDMI
- Audio input: 2 x XLR Analogue
- Audio output: 2 x XLR Analogue
- Control interface includes DVIP (Ethernet), GPI and RS-232, which are adaptable in all environments
- Provides time code as well as black burst and tri-level sync signals
- Close caption function allowing the subtitle to be saved separately as meta data in .mov file format
- Recommended SSD Drive: Samsung 860 Pro

Specifications

- Video Standard: UHD & HD
- Video Format:

2160p: 23.98/24/25/29.97/30/50/59.94/60H 1080p: 23.98/24/25/29.97/30/50/59.94/60Hz

1080i: 50/59.94/60Hz 720p: 50/59.94/60Hz

- Supported Video Input Signal: 1x 3G/12G-SDI | 3x 3G-SDI | 1x HDMI 2.0 | 1x HDMI 1.4
- Monitoring / Playback Output: 1x 3G/12G-SDI | 1x HDMI 2.0 | 3x HDMI 1.4
- Analog Audio Input 2x Balanced XLR
- Analog Audio Output 2x Balanced XLR
- Embedded Audio SDI Input / Output (8CH) | HDMI Input / Output (8CH)
- Storage Medium 2.5" SSD
- Multi-channel Recording Yes, 4-CH HD
- Estimated Record Time (min per 10GB) HD: 27 (Proxy), 11.5 (LT), 8 (Standard), 5.5 (HQ) 3G: 13 (Proxy), 6 (LT), 4 (Standard), 2.5 (HQ)
- Recording Media 2x 2.5" Removable SSD
- Storage File System exFAT
- Recorded File Format QuickTime .MOV
- Video Recording Bit Rate / Color Sampling ProRes 422 HQ | ProRes 422
- ProRes 422 LT | ProRes 422 Proxy
- Audio Recording Format Sampling rate 48KHz 24bit
- Preview Display 5" Touch LCD
- Time Code In / Out Yes
- External Sync / Genlock Black Burst & Tri-level with loop thru
- External Control RS-232/422 (Dsub 9pin), DVIP (Ethernet), GPI (3.5Ø phone jack)
- Dimension (LxWxH) 313 x 220 x 97 mm
- Weight 2.8 kg
- Operating Temp. Range 0~40 °C
- Power DC 12V

The HDR-80 is Datavideo's newly designed dual 2.5-inch hard disk recorder. The device has a built-in 5-inch touch screen, allowing you to easily configure parameters and view the video. 12G-SDI, 3G-SDI and HDMI inputs utilize the ProRes video compression technique to provide superior video quality.

The HDR-80 offers close caption function. Subtitles can be saved as a separate file on the disk for quick post-editing. Audio input can be embedded into video for output playback thus making HDR-80 the device for live event broadcast. Control interface includes DVIP (Ethernet), GPI and RS-232, which are adaptable in all environments.

