



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
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- **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.

