

Datavideo Product Compare

<https://datavideo.com/us/>

Model Number	HDR-90
Product	ProRes 4K Video Recorder-1U Rackmountable
Video Standard	UHD & HD
Video Format	2160p 23.98/24/25/29.97/30/50/59.94/60Hz 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
Video 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)	256GB: 4K60: 1h21m (Proxy), 36m (LT), 25m (422), 17m (HQ) 3G: 5h6m (Proxy), 2h22m (LT), 1h40m (422), 1h7m (HQ) 1TB: 4K60: 5h26m (Proxy), 2h26m (LT), 1h42m (422), 1h8m (HQ) 3G: 20h25m (Proxy), 9h30m (LT), 6h42m (422), 4h30m (HQ) 2TB: 4K60: 10h52m (Proxy), 4h52m (LT), 3h24m (422), 2h16m (HQ) 3G: 40h50m (Proxy), 19h (LT), 13h24m (422), 9h (HQ) 4TB: 4K60: 21h44m (Proxy), 9h44m (LT), 6h48m (422), 4h32m (HQ) 3G: 81h40m (Proxy), 38h (LT), 26h48m (422), 18h (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	Uncompressed PCM Sampling rate 48KHz 24bit
Encode Supported	
Video Bitrate	
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)
Power Failure Protection	----
Chassis	1RU rack-mountable
Dimension (LxWxH)	440 x 300 x 49 mm
Weight	4 kg
Operating Temp. Range	0~40 °C
Power	DC 12V
What's in the Box	1 x HDR-90 Main Unit 1 x Adaptor + AC Cord 2 x 2.5" Removable HDD/SSD Enclosure 8 x Screws for 2.5 Removable HDD/SSD Enclosure 2 x Blank Label 1 x SATA to USB Cable 2 x Ear mount kit 6 x M4 x 8mm screws
Approved Drives	Samsung 870 EVO SSD