Recorders

ProRes 4K Video Recorder-1U Rackmountable

HDR-90

Video Standard	UHD & HD
Video Format	2160p 23.98/24/25/29.97/30/50/59.94/60Hz 1080p 23.98/24/25/29.97/50/59.94/60Hz 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
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