

Recorders

ProRes 4K Video Recorder-1U Rackmountable

HDR-90

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|---|---|
| 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 |
| Preview Display | 5" Touch LCD |
| Time Code In / Out | Yes |
| External Sync / Genlock | Black Burst & Tri-level with loop thru |

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|--------------------------|---|
| 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 |