

HDV

SONY

World's first professional 1080i HDV camcorder



HVR-Z1 P

Professional 1080i HDV camcorder

HVR-M10P

HDV Compact VTR

Sony is expanding its line of professional video options with the introduction of a complete high-definition video production system. The new HVR-Z1 P camcorder and HVR-M10P VTR form the core of an entry-level HDV acquisition and playback solution. Both products are designed to provide video professionals with a flexible and affordable migration from standard definition infrastructures to the rapidly expanding world of High Definition

The HVR-Z1P 1080i HDV camcorder can capture HDV, backward compatibility to the DVCAM and DV images at standard definition DV world, 60i, 50i, 30, 25 or 24 frames per second, in either SD or HD. This switchable 60/50 output mode directly from the camcorder in the digital domain allows videographers to use just one or analog domain. A critical aspect of any client needs for both local and professional video production is compatibility with an array of editing solutions. Sony's HDV 1080i VTR capable of record production system can and play back of HDV, achieve interoperability with many leading NLE manufacturers.

SPECIFICATIONS

	HVR-Z1 P	HVR-M10P
LENS		
Lens type	Carl Zeiss Vario-Sonnar T*	
Zoom	12x Optical	
Iris	F1.6 – 2.8	
Focal Distance	4.5mm – 54mm	
Focal Distance (35mm equiv)	32.5mm – 390mm	
Filter Diameter ND	72mm	
Filter (built in)	Yes (off, 1, 2)	
Focus Auto focus	Manual focus ring One push auto Linear mach AF	
Steady shot	Optical 3 modes including W/A mode	
CAMERA		
Imaging device	3 x 1/3" 16:9 CCD Super HAD CCD Interface Gross pixels – 1.12M Pixels Effective pixels – 1.07 M Pixels	
Minimum illumination	3 lux	
White balance	Preset/A/B Variable preset	
Shutter speed A-D conversion	Auto/1/4 – 1/10000	
Digital processing	14 bit 14 bit DXP (Digital extended proc)	
System	50hz interlaced (switchable to 60i)	
VIEWFINDER		
EVF	Colour/B&W switchable 0.5" 16:9 252,000 dots Hybrid	
LCD	colour LCD screen 3.5" 16:9 250,880 dots	
AUDIO		
HDV	MPEG 1 Audio layerII 2 ch 16 bit 48Khz PCM 2ch 16 bit 48Khz	
DVCAM	Audio lock mode Built in stereo with noise reduction	
Microphone	External via XLR (with DC power) Built in (20mm) Ch1, Ch 2 separate	
Speaker	Ch1, Ch 2 separate	
Level control	On/off	
AGC		
Limiters		
VTR		
Standard	HDV 1080i (Rec/PB) DVCAM (Rec/PB) DV sp (Rec/PB) 50i or 60i Mini only	
Cassette (DV type)		HDV 1080i (Rec/PB) DVCAM (Rec/PB) DV sp (Rec/PB) 50i or 60i Mini only
CONNECTORS		
Audio input	XLR x 2 (mic/line switchable) Phantom power switchable Mini 3.5mm multi (with video) 4 pin iLink	
Audio output	Mini multi (using supplied cable) 3.5 mm phono (with Audio) Mini 4 pin	
HDV/DV (I/O)		
Component analogue		
Composite (I/O)		
S-Video (I/O)		
OTHER		
Size (WxHxD)	151 x 181 x 365mm	
Weight	2.0 kgs	
Power consumption	7.3W (EVF), 7.9W(LCD), 8.3W (both)	
Battery system	L series (NPF570, 770, 970) DV output and analogue outputs	
Built in downconverter		
VTR		
Standard		
Cassette (DV type)		
AUDIO		
HDV DVCAM		MPEG 1 Audio layerII 2 ch 16 bit 48Khz PCM 2ch 16 bit 48Khz
Level control		Audio lock mode Ch1, Ch 2 separate
CONNECTORS		
Audio input		
Audio output		
Monitoring HDV/DV		RCA X 2
(I/O) Component		RCA X 2
analogue Composite		TRS x 1
(I/O) S-Video (I/O)		4pin iLink
External DC LAN C		3 x RCA
OTHER		
Battery system		RCA 4 pin 7.2V Mini trs
Built in downconverter		
Size (WxHxD)		L series (NPF570, 770, 970) DV output and analogue outputs 180 x 73 x 219.4mm

Features of HVR-Z1 P over HDR-FX1

- 9 HDV / DVCAM / DV Switchable
- 9 50i / 60i (PAL / NTSC) Switchable
- 9 2ch Audio XLR Inputs
- 9 2ch Independent Audio Rec Level Control
- 9 Time Code Preset
- 9 B/W & Colour Switchable Viewfinder
- 9 Simultaneous Operation of LCD Panel & Viewfinder
- 9 6 Assignable Buttons
- 9 Safety Zone & 4:3 Marker
- 9 Audio Limiter
- 9 Sensitivity Select on Built-in Microphone
- 9 2-mode Cinematone Gamma 9 Skintone Level Control
- 9 2-mode Colour Bars
- 9 Hours Meter
- 9 AC Adaptor/Charger (AC-VQ850) supplied as standard
- 9 Audio Monitoring Select
- 9 And much much more.....