

# SONY®

PAL

Digital Videocassette Recorder

# DSR-V10P

## DVCAM™

*Handy DVCAM™ Deck,  
the New Sony Video Walkman®  
for Professional Video Applications*

*Field editing system*

*Hands-free shooting with mini cameras*

*Back-up VTR*

*Handy desk-top viewer*

*and many more.....*



\*Simulated Picture

*Compact and lightweight body, superior picture quality, high mobility, great operational performance and a full range of optional items are all elements of the Sony DSR-V10P Video Walkman digital recorder that enable your professional productions to be created anytime and anywhere.*

### *DVCAM Format/DV Playback Capability*

The DSR-V10P adopts the DVCAM format to give the high video and audio quality, and the reliability required for professional use.

It will also play back consumer DV format tapes (SP mode only).

<NOTE>The DSR-V10P can only accept mini DVCAM and DV cassettes. The standard size cassette can not be used.

### *Built-in LCD Monitor*

The DSR-V10P incorporates a 5.5-inch LCD. This gives easy field monitoring of your acquired video and can also serve as a handy office viewer.

With this built-in display, there is no need for a separate monitor.



DSR-V10P

\*Simulated Picture

### *InfoLITHIUM™ Battery System for Long Operating Time*

With this system the precise duration of battery time remaining can be displayed on the DSR-V10P with up-to-the-minute accuracy. The combination of Lithiumion batteries and the low power consumption of the DSR-V10P provides the long operating times listed below.

Continuous Recording Time with LCD ON	
Battery Type	Full Charge
NP-F750	100 min.
NP-F950	155 min.

<NOTE>The DSR-V10P can only accept InfoLITHIUM-compatible battery packs. Except for InfoLITHIUM batteries, the unit can operate on AC power with the supplied Sony DK-415 cable and AC-V700 AC Adaptor Charger.

### *Compact and Lightweight Body*

A compact VTR mechanism makes the DSR-V10P extremely small and lightweight. The unit weights only 970 g excluding tape and batteries.



### *i.LINK™ (DV IN/OUT) Interface*

The DSR-V10P incorporates the i.LINK (DV IN/OUT) interface based on IEEE 1394. It allows digital video/audio signals to be fed to other VTR and computers using a single connection. This interface allows source material to be dubbed and edited without any deterioration of video and audio quality.



### *Other Features*

Analogue video/audio IN/OUT  
Audio dubbing capability  
Auto repeat function  
Time code reset  
Duplicate with original TC



## Simple Field Editing System with the DSRM-E1P Edit Adaptor

The DSR-V10P can be configured in a simple field editing system with the optional Sony DSRM-E1P Edit Adaptor and DVCAM camcorders such as the Sony DSR-PD1P. It is often very useful to be able to perform simple editing in the field or while in transit between different locations.

### Main Features of the DSRM-E1P

- Direct connection to the DSR-V10P via a 20-pin connector
- Controls LANC VTRs as players (DSR-PD1P/ DSR-20P/ DSR-30P)
- Built-in Jog/Shuttle dial
- Assemble editing with up to 99 events x 4 programmes



Simple Editing System  
(DSR-V10P,DSRM-E1P,DSR-PD1P)  
\*Simulated Picture

## Optional CVX-V1P and CVX-V3P New Small Cameras

The Sony CVX-V1P and CVX-V3P Colour Video Cameras are new small models that are ideal for use with the DSR-V10P. These two cameras provide excellent picture quality, despite being remarkably compact. In fact their small body size opens up the possibility of totally hands-free shooting in partnership with the DSR-V10P - for example by helmet-mounting the camera.

### Main Features of the CVX-V1P

- Thumb-sized and lightweight (Camera head: 25 g, CCU: 135 g)
- 1/4-inch CCD Camera (470k pixels)
- Directly attached to the Video Walkman 20-pin connector (via the supplied Video Walkman Attachment)
- F1.8/f=3.9 mm lens with manual focus/iris
- Cable length : 2 m



DSR-V10P,CVX-V1P

### Main Features of the CVX-V3P

- Small and lightweight (Camera head: 75 g, CCU: 135 g)
- 1/4-inch CCD camera (470 k pixels)
- x 3 Zoom lens
- Built-in stereo microphone
- Splash-proof camera head
- Directly attached to the Video Walkman 20-pin connector (via the supplied Video Walkman Attachment)
- Cable length : 2 m



DSR-V10P,CVX-V3P

## Accessories

- AC-V700 AC Adaptor/Charger
- NP-F750/F950 Battery Pack
- VMC-2DV/4DV DV Cable

\*Simulated Picture

# SPECIFICATIONS

## DSR-V10P

### GENERAL

Mass:	970 g (2 lb 3 oz) (without a tape and battery)
Dimensions:	148 (W) x 62 (H) x 135 (D) mm (5 13/16 x 2 7/16 x 5 5/16 inches)
Power Requirements:	DC: 7.2 V (battery operation) DC: 8.4 V (AC adaptor operation)
Power Consumption:	11.5 W (with LCD panel ON)
Operating Temperature:	0 °C~40 °C (32 F~104 F)
Storage Temperature:	-20 °C~60 °C (-4 F~140 F)
Tape Speed:	28.2 mm/sec. (DVCAM mode)
LCD Screen:	5.5-inch

### VIDEO

Video Signal:	CCIR standard, PAL colour
Video Input/Output:	Composite x 1 (RCA pin): 1 V p-p, 75 Ω, unbalanced, sync negative S video x 1 (mini-DIN 4-pin): Luminance signal: 1 Vp-p, 75 Ω, unbalanced, sync negative Chrominance signal: 300 mVp-p (subcarrier burst), 75 Ω, unbalanced

### AUDIO

Audio signals:	Recording: 48 kHz/16-bit, 32 kHz/12-bit, Playback: 48 kHz/16-bit, 32 kHz/12-bit, 32 kHz/16-bit, 44.1 kHz/16-bit
Audio Input/Output:	Phono jack (Stereo x 1 (L x R), RCA x 2): -7.5 dBs, (0 dBu=0.775 Vrms)

### OTHER CONNECTORS

i.LINK(DV IN/OUT):	4-pin, IEEE 1394-based
LANC:	Stereo mini-mini jack
Headphone:	Stereo mini jack 8 Ω
Camera/Editor connector:	20-pin

### SUPPLIED ACCESSORIES

AC-V700 AC Adaptor/Charger
DK-415 DK Cable
Carrying Belt
Operating instruction manual

## DSRM-E1P

### GENERAL

Mass:	Main Unit: 160 g (5.6 oz) Controller: 340 g (12 oz)
Dimensions:	Main Unit: 69 (W) x 61 (H) x 134 (D) mm (2 3/4 x 2 1/2 x 5 3/8 inches) Controller: 184 (W) x 42 (H) x 128 (D) mm (7 1/4 x 1 11/16 x 5 1/8 inches)
Power Requirements:	DC:7.2 V (supplied from the DSR-V10P) DC:8.4 V (AC adaptor operation)
Power Consumption:	Approx. 1.8 W
Operating Temperature:	0 °C~40 °C (32 F~104 F)
Storage Temperature:	-20 °C~60 °C (-4 F~140 F)

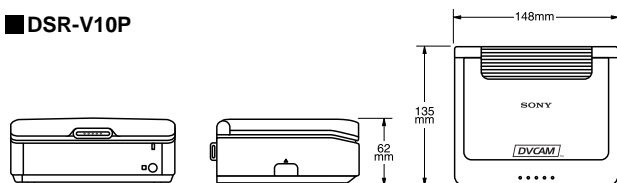
### CONNECTORS

Multi Connector:	20-pin
Control Unit:	Mini DIN 8-pin
LANC:	Stereo mini-mini jack

### MONITOR OUTPUT

Video Output:	Composite x 1 (RCA pin): 1V p-p, 75 Ω, unbalanced, sync negative
Audio Output:	Phono jack (Stereo x 1 (L1, R1)): 327 mV, impedance 470 Ω or less

### DSR-V10P



## CVX-V1P

### GENERAL

Mass:	Camera Unit: 25 g (0.85 oz) CCU: 135 g (4.8 oz) (without a battery)
Dimensions:	Camera head: 22 (W) x 18 (H) x 60 (D) mm (1 4/16 x 23/32 x 2 3/8 inches) CCU: 35 (W) x 110 (H) x 60 (D) mm (1 7/16 x 4 3/8 x 2 3/8 inches)
Power Requirements:	DC: 7.2 V (battery operation) DC: 8.4 V (AC adaptor operation)
Power Consumption:	1.8 W
Operating Temperature:	0 °C~40 °C (32 F~104 F)
Storage Temperature:	-20 °C~60 °C (-4 F~140 F)

### CAMERA

Image Device:	1/4 inch Interline Transfer CCD
Picture Elements:	Total: 470 k Effective: 440 k
Lens:	F1.8
Focal Length:	f=3.9 mm (35 mm conversion : 38 mm)
Minimum Illumination:	2 lux
Gain Selection:	AUTO/Hold
White Balance:	AUTO/Hold
Shutter Speed:	AUTO,1/50,1/120,1/250,1/500,1/2000,1/10000

### OTHER CONNECTORS (on CCU)

External mic IN:	Stereo mini-mini jack
Multi connector:	20 pin
Battery connector	

### SUPPLIED ACCESSORIES

Video Walkman Attachment Unit
Operating Instruction Manual

## CVX-V3P

### GENERAL

Mass:	Camera head: 75 g (2.6 oz) CCU: 135 g (4.8 oz)(without a battery)
Dimensions:	Camera head: 36 (W) x 40 (H) x 70 (D) mm (1 7/16 x 1 5/8 x 2 7/8 inches) CCU: 35 (W) x 110 (H) x 60 (D) mm (1 7/16 x 4 3/8 x 2 3/8 inches)
Power Requirements:	DC: 7.2 V (battery operation) DC: 8.4 V (AC adaptor operation)
Power Consumption:	1.8 W
Operating Temperature:	0 °C~40 °C (32 F~104 F)
Storage Temperature:	-20 °C~60 °C (-4 F~140 F)

### CAMERA

Image Device:	1/4-inch Interline Transfer CCD
Picture Elements:	Total: 470 k Effective: 440 k
Lens:	F 2.8~4
Focal Length:	f=3.5 mm ~10.5 mm (35 mm conversion: 35 mm~105 mm)
Minimum Illumination:	5 lux
Gain Selection:	AUTO
White Balance:	AUTO

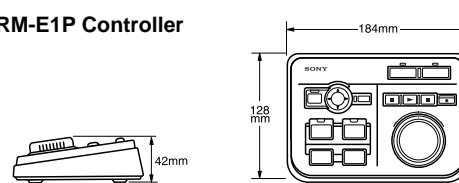
### OTHER CONNECTORS (on CCU)

External mic IN:	Stereo mini-mini jack
Multi connector:	20 pin
Battery connector	

### SUPPLIED ACCESSORIES

Video Walkman Attachment Unit
Operating Instruction Manual

### DSRM-E1P Controller



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