

SONY®

NTSC/PAL

DVCAM Drive

DRV-1000/1000P

*Full DV Editing with
the DRV-1000/1000P
DVCAM Drive and
a Video Capture Board*



With the increase of digital video acquisition in both consumer and professional markets, the demand for PC-based editing is growing rapidly. The Sony DRV-1000/P DVCAM Drive has been developed so that material shot on DV and DVCAM sources can be edited in a low-cost PC-based editing system. The DRV-1000/P has been specifically designed to fit directly into a standard PC 5.25-inch disk drive bay, forming a complete, innovative and low-cost editing system.



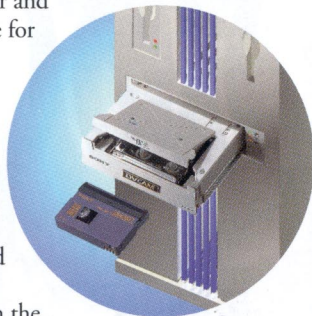
DRV-1000/1000P

DVCAM Format

The DRV-1000/P provides the superb picture quality and professional reliability of the DVCAM format. It offers excellent audio quality and can record signals in both 48 kHz/16-bit and 32 kHz/12-bit modes. It is also capable of playing back DV format (SP mode only) tapes.

Compact Size and PC Compatible Design

The DRV-1000/P is designed to fit in a standard 5.25-inch disk drive PC bay. The cassette compartment slides in and out of the outer chassis to make insertion and ejection of the mini cassette easy. Its off-white color and simple design make it suitable for PC operating environments.



Full DV Editing

The DRV-1000/P is equipped with i.LINK (DV IN/OUT) connection, which is based on the i.LINK (IEEE1394). With a single cable connection to this 4-pin DV IN/OUT connector, a DV signal* is transmitted to and downloaded from the PC system (AV/C** command signal can also be received by this single DV cable). This means that a full DV editing system can be configured by using the DRV-1000/P and a 3rd party capture board, interfaced via a DV cable.

*DV signal: compressed digital video/audio signals

**AV/C command signal: VTR command signals defined in the DV IN/OUT protocol, DRV-1000/P can accept basic VTR functional commands.

Other Features

- DC Power Operation
- LANC and Analog Video/Audio Output

Specifications

GENERAL

Weight:	Approx. 1.4 kg (3 lb 1 oz)
Dimensions:	149.2 (W) x 42.8 (H) x 225 (D) mm (5.87 x 1.69 x 8.86 inches)
Maximum Dimensions (unload)	149.2 (W) x 68.0 (H) x 305 (D) mm
Power Requirement:	+5V: 5A (Max) /700mA (Stop) +12V: 0.8A (Max) /130mA (loading/unloading)
Power Consumption:	+5V: 25VA (Max) +12V: 9.6VA (Max)
Operating Temperature:	5 C° - 40 C° (41°F - 104°F)
Storage Temperature:	-20 C° - 60 C° (-4°F - 140°F)
Tape Speed:	28.2mm/s. (DVCAM mode)

VIDEO

Video Signal:	EIA standards, NTSC color (for NTSC area) CCIR standards, PAL color (for PAL area)
Video Output	Composite (RCA pin) 1Vp-p, 75Ω, unbalanced, sync negative Y/C (mini-DIN 4-pin) luminance signal: 1Vp-p, 75Ω, unbalanced, sync negative chrominance signal: 286mVp-p (subcarrier burst), 75Ω, unbalanced (NTSC) 300mVp-p (subcarrier burst), 75Ω, unbalanced (PAL)

AUDIO

Audio Signals:	48kHz/16-bit, 32kHz/12-bit, 32kHz/16-bit, 44.1kHz/16bit (depending on input signals)
Output:	Phono jacks (L&R x 1)
Output Level:	327mV with 47kΩ load or more Impedance: 2.2kΩ
Digital IN/OUT:	i.LINK (DV IN/OUT) IEEE1394 based, 4-pin x 1
Other Connectors:	LANC: stereo mini-mini jack EJECT: monaural mini jack, TTL input low active (more than 100ms) DC IN: PC-standard, +5V/12V/GND
Supplied Accessories:	Operation manual (1) DV cable (4p - 4p, 50cm x 1) AV cable (x 1) Y/C video cable (x 1) Mounting Screw (x 4)



Front Panel



Rear Panel

Features and specification subject to change without notice.
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Distributed by

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