

SONY[®]**DVCAM**[™]**DSR-DR1000/DR1000P**

A Hard-disk Based Addition to the DVCAM[™] Family Offering a New Level of Operational Convenience and Greater Creative Opportunities

The DSR-DR1000* is a DVCAM stream-based, hard-disk recorder that brings new production opportunities to the DVCAM family. This half-rack unit uses a large capacity hard-disk drive to provide more than six hours of DVCAM stream recording. Primarily designed for recording and edit feeding applications, the DSR-DR1000 takes full advantage of the benefits of disk-based recording while maintaining the same operational feel as a VTR. The DSR-DR1000 can simultaneously record and playback, allowing a recording to be available immediately for play out and other feeding purposes without interruption. An i.LINK^{™**} connector supports both the SBP2 protocol for DV file transfer and the conventional i.LINK (DV) protocol (AVC protocol). The SBP2 protocol allows DV files on a DSR-DR1000 to be transferred to other compatible equipment at high speed. The DSR-DR1000 also offers the convenience of high-quality digital jog sound, and slow motion playback over a wide speed range.

Providing unique disk-based features at an affordable price, the DSR-DR1000 is an excellent choice for implementing disk-based technology into production suites.

* In the following sentences, "DSR-DR1000" refers to both DSR-DR1000 for NTSC area and DSR-DR1000P for PAL area.

** i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other. Please refer to the documentation that comes with any device having an i.LINK connector for information on compatibility, operating conditions and proper connection.

Ⓜ is the logo for products that implement i.LINK.

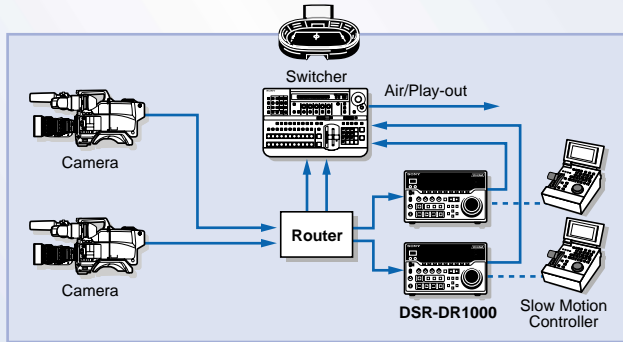
Features

- DVCAM stream recording
- Long recording time of over six hours (recording media: 80 GB hard disk)
- Variable speed playback over the range of ± 2 times normal speed
- DMC (Dynamic Motion Control) function via an external controller
- Simultaneous recording and playback
- Clip segment playback for play-out of a designated video segment
- Continuous loop recording
- Pre-alarm recording (automatic recording triggered by an external alarm signal)
- Interval recording
- i.LINK interface (6-pin) with AVC and SBP2 protocols
- High-speed file transfer via i.LINK interface using SBP2 protocol to i.LINK-equipped SBP2-compatible nonlinear editors
- Versatile interfaces:
 - Inputs:** component, composite, i.LINK, SDI, S-Video, analog audio (2 ch, XLR x2), AES/EBU (4 ch, BNC x2)
 - Outputs:** component, composite, i.LINK, SDI, S-Video, monitor output, analog audio (two selected channels, XLR x2), AES/EBU (4 ch, BNC x2)
 - Control:** RS-422A, (contact switch)
 - Others:** time code I/O, reference video, Ethernet
- Compact and lightweight:
136 (W) x 210 (H) x 410 (D) mm
(5 3/8 x 8 x 16 1/4 inches), 6 kg (13 lb 3 oz)
- VTR-like control panel including a Jog/Shuttle dial
- Network capability: file transfer using FTP via a common 10Base-T/100Base-T Ethernet
- SNMP (Simple Network Management Protocol) enabled

APPLICATION EXAMPLES

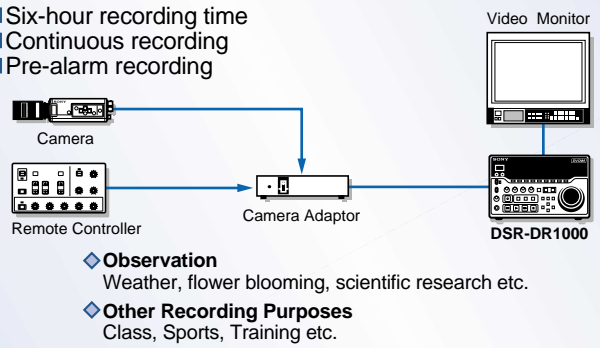
Sports Application

- Variable speed playback over the range of ± 2 times normal speed
- Simultaneous recording and playback



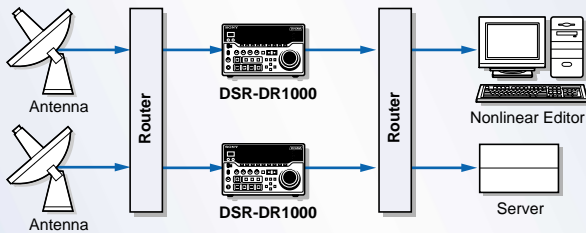
Continuous Monitoring Application

- Six-hour recording time
- Continuous recording
- Pre-alarm recording



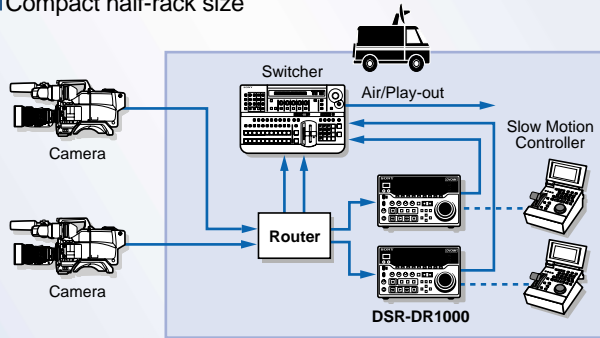
Feed Receiving at Small Broadcast Stations

- Simultaneous recording and playback
- Continuous recording



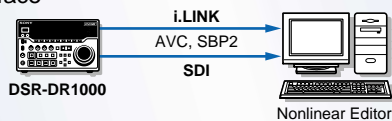
Small OB-van Application

- Simultaneous recording and playback
- Compact half-rack size



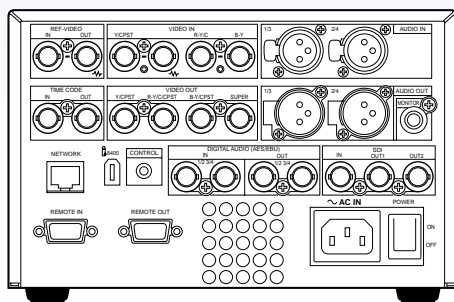
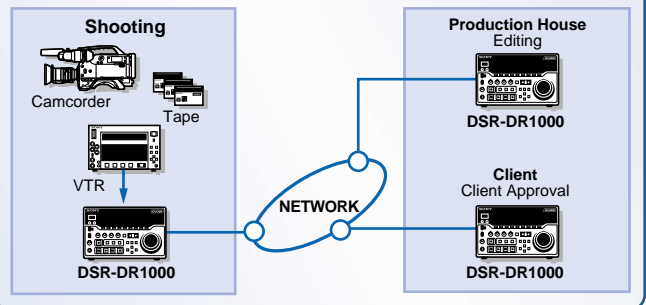
Source Feeding to a Nonlinear Editing System

- i.LINK interface with AVC or SBP2 protocol
- SDI interface



Material Transfer Through a Network to Remote Locations

- File transfer capability



Rear Panel

Distributed by

©2002 Sony Corporation. All rights reserved.
 Reproduction in whole or in part without the written permission of Sony is prohibited.
 Design, features and specifications subject to change without notice.
 All non-metric weights and measures are approximate.
 Sony is a registered trademark of Sony.
 DVCAM, i.LINK and the i.LINK logo are trademarks of Sony.