

SONY

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DSR-250P

Convenient one-piece shoulder mounted design with 1/3" 3CCD & 2.5" LCD screen



Flexibility and versatility for professional results

It's important that people who use camcorders professionally should enjoy their equipment as much as they enjoy their work.

With its 3-CCD technology and rich feature set, the Sony DSR-250P digital camcorder delivers not only a pleasurable working experience but excellent results as well. Take advantage of the automatic functionality or, when the situation demands, override it manually and let your creativity shine through.

The lightweight, shoulder-mount design, swing-out LCD monitor - plus the ability to support standard and minicassettes with both DVCAM and DV record/play-back - provides the versatility you need whether in the studio or on location.

Features

Time Code Preset

To satisfy the needs of professional users, the DSR-250P offers various time code settings, such as:

- Time code preset
- User bit preset
- Preset / Regen
- Rec run / Free run
- Real time assign on user bit

DVCAM and DV recording

The DSR-250P allows you to record and playback in both DVCAM and DV (SP only) formats. For professional editing, an audio lock synchronises audio and video in DVCAM mode.

Compatible with standard and mini cassettes

The DSR-250P accommodates both standard and mini-size cassette tapes, which allows you flexibility not only in cassette size but also in format (DVCAM or DV).

New 3-CCD camera system

Three 1/3-inch CCDs with 450,000 pixels (effective 400,000 pixels) each contribute to the high

sensitivity, good signal-to-noise ratio, and reduced smear of the DSR-250P.

Optical type Super SteadyShot™

Sensors in the Super SteadyShot™ system detect both horizontal and vertical movement of the camera while an active prism, located in front of the lens, optically compensates for any unsteadiness.

1.5-inch black-and-white viewfinder (DXF-801CE)

The DSR-250P comes with the same 1.5-inch black-and-white CRT viewfinder (DXR-801CE) that was originally designed for Sony high-end cameras. This lightweight viewfinder, with its high resolution, lets you focus manually to optimise picture clarity.

i.LINK interface for digital editing

The built-in i.LINK interface allows you to attach a VCR and then use the camera as an editor in playback mode to an accuracy of five frames. You can also use the i.LINK interface to record directly to the VCR.

Added functionality with Memory Stick™

Use your DSR-250P to take still photos with a Sony Memory Stick™, which can store up to 988 images. With Memory Mix, you can also combine still images stored on the Memory Stick™ with video images.

Swing-out LCD monitor

The DSR-250 has a high-resolution, swing-out colour monitor that can be used during both recording and playback. It's also easier to use the on-screen menu system with the large-sized LCD screen.

Manual functions

Although the DSR-250 gives you the convenience and accuracy of automatic operation, it also allows you to make the following manual adjustments - so that your creativity can shine through:

- zoom
- focus
- iris
- white balance digital effects
- guide frame
- and many others

Benefits

DVCAM and DV recording

The DSR-250P allows you to record and playback in both DVCAM and DV (SP only) formats. Although DVCAM format is more reliable and durable than DV format for shooting and editing, DV format offers greater flexibility for distributing edited content. And, if you are ever caught without supplies of tape on hand, switching over to DV is a useful emergency measure because the DV(SP) format has longer recording time than DVCAM.

Superb image quality

The DSR-250P features a newly designed 12x zoom lens (digital zoom of 24x and 48x is available via the menu system). Horizontal resolution of 530 TV lines – plus the facility for manual zoom, focus and iris adjustments – ensures exceptional picture clarity and sharpness.

Unsteady pictures optically corrected

Sony Super SteadyShot™ is built in to the DSR-250P! This feature detects and compensates for both horizontal and vertical movements, so your picture remains completely steady.

Compatibility with most professional accessories

To optimise convenience and ease of use, the DSR-250P is designed to be fully compatible with many professional accessories.

- The DXF-801 high-resolution 1.5- inch viewfinder, which is found also in the Sony high-end DVCAM range, is supplied as standard.
- The video light connector enables you to connect external equipment (such as the Anton Bouer UltraLight2) and control light on/off automatically with the recording status.
- The XLR microphone connectors with phantom power for professional-quality microphones.
- Extend recording time to a maximum of nine hours with the BP-L90 Lithium-ion battery.

Technical Specifications

The number of pixels	Gross: 450,000
Lens	12 Times Zoom F = 6.0 to 72 mm F1.6 to 2.4 Filter Diameter = 58 mm
Shutter Speed	1/3, 1/6, 1/12, 1/25, 1/50, 1/60, 1/100, 1/120, 1/150, 1/215, 1/300, 1/425, 1/600, 1/1000, 1/1250, 1/1750, 1/2500, 1/3500, 1/6000, 1/10000 seconds
Minimum Illumination	2 lx
Horizontal Resolution	530 TV lines
Audio Signal	Rec: 48 kHz/16 bit 32 kHz/12 bit
Audio Signal	Playback: 48 kHz/16 bit 32 kHz/12 bit 32 kHz/16 bit 44.1 kHz/16 bit
LCD	TFT Active Matrix 2.5inch 200640 dots (880x228)

Connectors	i.LINK (DV IN/OUT): 6 pin (with Lock Mechanism)
Connector	External DC In: XLR 4 pin, 12V
Power Consumption	10.5 W using viewfinder 12.1 W using viewfinder and LCD monitor
Mass	Camcorder only: Approx. 4.1 kg (9 lb)

Supplied Accessories

Lens Cap	
Lens Food	
Stereo AV cable	
Image Viewer software	Picture Gear 4.1 Lite
Remote Commander and 2x R6 Batteries	RMT-811
Monaural Microphone	ECM-NV1
1.5 inch Viewfinder	DXF-801CE