

DCR-TRV250

Digital Handycam® Camcorder

The DCR-TRV250 is Sony's entry level Digital8® Handycam® Camcorder that provides high quality digital video recording, SteadyShot® image stabilization, USB Streaming, and 20X Optical/700x Digital Zoom.




FEATURES

▶ 1/6" CCD 460K Pixels Gross

1/6" CCD with 290K (effective) pixels provides great detail and clarity, with exceptional digital video performance (up to 500 lines of horizontal resolution).

▶ Digital8® Video Recording

 Digital8 recording format delivers 3X the color bandwidth of VHS with significantly less video noise providing stunning video performance. Digital8 records digital audio and video comparable to MiniDV on affordable Hi8™ tapes.


▶ 20X Optical/700X Digital Zoom

The optical zoom helps to bring the action up close from far away. In addition, the digital zoom interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.


2.5" SwivelScreen™ LCD Display (123K Pixels)

Provides excellent viewing clarity with improved resolution. The 123K pixel LCD rotates up to 270-degrees for multiple viewing angles providing sharp detailed images for monitoring or playback.


▶ USB Streaming

 Stay connected with family and friends by broadcasting live video with audio, via the Internet with the USB interface. You can even playback your favorite recorded scene stored on tape. It's like having your own web camera or video conferencing system.

Manual Focus

 Allows the user to adjust the camera's focus, allowing more creativity and/or effects. Manual focusing also allows the user to control the camera's focus in difficult situations.


▶ i.LINK®* DV Interface (IEEE1394)

 A high-speed bi-directional digital video/audio communication between two compatible devices equipped with an IEEE1394 interface, including camcorders, digital VTRs, capture cards and PCs.


Built-In Light (3 Watt)

Brightens your videos when shooting in low light situations.


SteadyShot® Picture Stabilization System

 Picture stabilization system that uses motion sensors to compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.


NightShot® Infrared System

 With Sony's NightShot infrared system you can capture video even when shooting in total darkness (0 lux) up to 10 feet away using the built-in infrared system.


Battery Information

 Battery information is momentarily displayed without having to power on the camcorder. Quickly access the battery's status by pressing the Battery Info button. The Recording Time Available is displayed in minutes, on either the LCD screen or viewfinder.

InfoLithium® Battery with AccuPower™ Meter System

 Charge the battery at any time because unlike NiCad (Nickel Cadmium) batteries Sony's rechargeable Lithium-Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in the viewfinder or the LCD screen.


Stamina® Battery Power Management System

 Using the optional NP-QM91D InfoLithium® battery the DCR-TRV250 can record up to 11 Hours on one complete charge, providing extra long battery life.

▶ 12-Bit/16-Bit PCM Digital Stereo

16-bit recording offers the same, outstanding sound quality as Compact Disc. 12-bit recording enables you to add an additional audio track with compatible audio dubbing equipment or i.LINK®* interface compatible computers.


▶ Photo Mode

 Using Sony's unique Adaptive Frame Interpolation for better image quality, you can store hundreds of individual still images with 7 seconds of audio on the videotape.


Digital Program Editing

Allows you to select a sequence of 20 scenes and controls dubbing via i.LINK®* to another i.LINK camcorder, or via infra-red remote to an analog VCR. Controls both Sony and other brand's camcorders and VCRs.

Program AE (Auto Exposure) Modes

 Program AE modes make recording easy even when filming in challenging situations. Choose from Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight or Sunset & Moon modes.

Picture Effects

 Get creative when recording or playing back videos with Sony's Picture Effect modes. Effects available in Camera mode: Negative Art, Sepia, Black & White, Solarize, Slim, Stretch, Pastel and Mosaic. Effects available in Playback mode: Negative Art, Sepia, Black & White and Solarize.

▶ STEP-UP FEATURE

DCR-TRV250

ADDITIONAL FEATURES

- Fader Effects
- LP Recording
- ▶ Remote Control
- Titling
- Pixela™ ImageMixer
- CD-Rom Software

SPECIFICATIONS

- Imaging Device:** 1/6", 460K Gross Pixels CCD
Video Actual: 290K Pixels
Still Actual: N/A
F: 1.6 – 2.4
Focal Distance: 2.5 – 50mm
35mm Conversion: 42 – 840mm
Filter Diameter: 37mm
Optical Zoom: 20X
Digital Zoom: 700X
Focusing: Full Range Auto/Manual (Dial)
Minimum Illumination: 4 Lux (0 Lux with NightShot® Infrared System)
NightShot Infrared System: Yes
Shutter Speed: Auto, 1/60 - 1/4000 (AE Mode)
Memory Mode: N/A
MPEG Movie Mode: N/A
Viewfinder: Black and White (113K)
LCD: 2.5" Color, 123K Pixels
Accessory Shoe: N/A
Video Input/Output: No/Yes (Mini A/V/S-Video)
Audio Input/Output: No/Yes (Stereo)
i.LINK® DV Interface (IEEE 1394): Yes (4 Pin)
USB Terminal: Yes
USB Streaming: Yes, 320 x 240 (up to 30 frames/sec.)
Headphone Jack: N/A
Mic-Input: N/A
White Balance: Auto
Exposure: Yes, Dial (24 Steps)
Software OS Compatibility: USB Streaming Only; Microsoft® Windows® 98SE, 2000, Me, XP Home and Professional; Macintosh® 8.5.1-10.1**
Power Consumption (VF/LCD/VF+LCD): 2.6W/3.2W/3.4W
Dimensions (WHD): 3 5/8" x 4" x 7 7/8" (89mm x 101mm x 199mm)
Weight: 1 lb 12 oz (800g)
Supplied Accessories: AC-L15 Power Adapter/In Camera Charger, NP-FM30 InfoLithium Rechargeable Battery, RMT-814 Wireless Remote Commander® Remote, 2 AA Batteries, A/V Cable, Lens Cap, Shoulder Strap, USB Cable, CD-ROM with USB Driver (Pixela™ ImageMixer Software Ver. 1.5)

worry FREE™ BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM30	120/95/90 min	100/140 min
NP-FM50	195/155/145 min	165/230 min
NP-FM70	400/320/305 min	345/475 min
NP-QM71D	465/375/355 min	400/550 min
NP-FM90	600/490/460 min	520/715 min
NP-FM91	695/565/535 min	605/825 min
NP-QM91D	695/565/535 min	605/825 min

*Results may vary

OPTIONAL ACCESSORIES

- AC-SC950D AC Quick Charger for Super Quick batteries
- AC-VQ850D AC/DC Adapter Quick Charger
- PC-VM50 Portable AC Charger
- DCC-L50 Car Battery Adapter Cable
- LCS-VA2 Carrying Case
- LCS-VA1 Carrying Case
- ACC-KITFM50 Handycam Camcorder Starter Kit
- VCL-O637H Wide Angle Lens
- VCL-HG0737X High Grade Wide Angle Lens
- VCL-ES06A Wide Angle Lens
- VCL-ES20A Telephoto Lens
- VCL-R2037X High Grade Telephoto Lens
- VF-R37K Neutral Density Filter Kit
- VF-37PK Polarizing Filter Kit
- VCT-670RM Remote Control Tripod
- VCT-570RM Remote Control Tripod
- VCT-R610 Lightweight Tripod
- VCT-TK1 Pocket Tripod

SONY

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* i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE 1394 connector. All products with an IEEE 1394 connector may not communicate with each other.

** Not compatible with USB Streaming.

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