

DCR-TRV240

Digital Handycam® Camcorder



FEATURES

Digital8® Video Recording

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

▶ Backwards Compatible

Play back existing 8mm and Hi8 analog recorded tapes.

1/6" CCD Imager, 460K Pixels Gross

1/6" CCD imager with 290K (effective) pixels provides great detail and clarity, with exceptional digital video performance.

Up to 500 Lines of Horizontal Resolution

Enjoy digitally recorded video with up to 500 lines of horizontal resolution for outstanding video quality comparable to DV and DVD performance.

▶ 25X 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 (61K Pixels)

Provides excellent viewing clarity with improved resolution. The 61K pixels LCD rotates up to 270-degrees for multiple viewing angles providing a sharp detailed image for monitoring or playback.

SteadyShot® Picture Stabilization System



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

i.LINK®* DV Interface (IEEE1394)



A high speed bi-directional digital video/audio communication between two devices equipped with a IEEE1394 interface, including camcorders, digital VCRs, and PCs.

▶ Analog-to-Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed-through the Digital Handycam camcorder directly into a PC via the i.LINK®* interface in real time for easy PC editing of your analog footage.

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 and video conferencing system.

USB Interface

USB interface provides an easy way to connect the Digital Handycam camcorder to computers.

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.

Super NightShot and Color Slow Shutter



With Sony's Super NightShot, capture video in total darkness (0 lux) up to 10 feet away. Super NightShot mode automatically adjusts the shutter speed to increase picture brightness and clarity. Color Slow Shutter mode allows you to record in low light situations with full color detail by slowing down the shutter speed.

Stamina® Power Management System



Using the optional NP-FM91 InfoLithium battery the DCR-TRV240 can record up to 10 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/connector 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.

Playback Zoom

During video playback, pause mode, or while viewing still images, you can zoom in 2X closer. These newly cropped images can be viewed closer to see greater detail.

Digital Program Editing

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

▶ STEP-UP FEATURE

DCR-TRV240

ADDITIONAL FEATURES

Program AE (Auto Exposure) Modes	Fader Modes
Picture Effect Modes	Interval/Frame Recording
Digital Picture Effects	Intelligent Accessory Shoe

SPECIFICATIONS

Imaging Device: 1/6", 460K Gross Pixels CCD
Video Actual: 290K Pixels
Still Actual: N/A
F: 1.6 – 2.7
Focal Distance: 2.4 – 60mm
35mm Conversion: 42 – 1050mm
Filter Diameter: 37mm
Optical Zoom: 25X
Digital Zoom: 700X
Focusing: Full Range Auto/Manual (Ring)
Minimum Illumination: 4 Lux (0 Lux with NightShot® Infrared System)
NightShot Infrared System: Super NightShot, Color Slow Shutter
Shutter Speed: Auto, 1/4-1/4000 (AE Mode)
Viewfinder: Black and White (113K)
LCD: 2.5" Color, 61K Pixels
Accessory Shoe: Yes (Intelligent)
Portable Printer Capable: No
Video Input/Output: Yes/Yes (S-Video/Mini A/V)
Audio Input/Output: Yes/Yes (Stereo)
i.LINK® DV Interface (IEEE1394): Yes
USB Terminal: Yes
USB Streaming: Yes, 320 x 240 (up to 30 frames/sec.)
Headphone Jack: Yes, Mini (Stereo)
Mic-Input: Yes (Stereo)
White Balance: Auto
Exposure: Yes, Dial (24 Steps)
Power Consumption (VF/LCD/VF+LCD): 3.0W/3.8W/4.0W
Software OS Compatibility: Microsoft® Windows® 98SE, 2000, Me, XP; Macintosh® 8.5.1 - 9.1**
Dimensions (WHD): 3 3/8" x 4" x 8 1/8" (85mm x 101mm x 206mm)
Weight: 2 lbs 2 oz (965g) w/Battery
Supplied Accessories: AC-L10 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, PIXELA ImageMixer Ver. 1.0 Software/USB Driver

worry FREE BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM30	100/80/75 min	80/110 min
NP-FM50	165/130/120 min	130/180 min
NP-FM70	345/270/255 min	270/370 min
NP-QM71	400/315/300 min	315/430 min
NP-FM91	605/475/455 min	475/645 min
NP-QM91	605/475/455 min	475/645 min

*Results may vary

OPTIONAL ACCESSORIES

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

* 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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