

DCR-TRV350

Digital Handycam® Camcorder

The DCR-TRV350 is backward compatible with previously recorded 8mm or Hi8™ tapes. In addition, it can be used as a digital still camera with MPEG Movie EX recording capability; you can also record video in no light using Super NightShot infrared system or using Color Slow Shutter record video in low light situations.



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 and is backwards compatible with existing 8mm and Hi8 analog recorded tapes.

▶ Backwards Compatibility

Playback an existing library of 8mm and Hi8 analog recorded videotapes.

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.

▶ Digital Still Memory Mode Capable

 Digital Still Memory Mode captures high quality still images at 640 x 480 resolution directly to Memory Stick® media (optional). Images are stored in a JPEG format providing easy transfer to PCs for emailing, printing, or sharing with family and friends.

▶ MPEG Movie EX Mode

 Unlike earlier MPEG1 Movies, MPEG Movie EX will allow you to record uninterrupted to the capacity of the Memory Stick media. For example a 128MB Memory Stick media will record up to 85 minutes of non-stop MPEG1 videos.

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 devices equipped with an 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.

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.

▶ Super NightShot Infrared System and Color Slow Shutter

 With Sony's NightShot®infrared system, 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.

▶ Playback Zoom

During video playback, pause mode, or while viewing still images stored on Memory Stick® media, you can zoom in up to 5X closer. These newly cropped images can be stored on Memory Stick media.

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.

▶ STEP-UP FEATURE

DCR-TRV350

ADDITIONAL FEATURES

Stamina® Battery Power Management System	Picture Effects
12-Bit/16-Bit PCM Digital Stereo	LP Recording
Digital Program Editing	Fader Effects
Program AE (Auto Exposure) Modes	Titling
	Pixela™ ImageMixer
	CD-Rom Software

SPECIFICATIONS

Imaging Device: 1/6", 460K Gross Pixels CCD

Video Actual: 290K Pixels

Still Actual: 290K

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 (Ring)

Minimum Illumination: 4 Lux (0 Lux with NightShot® Infrared System)

NightShot Infrared System: Super NightShot, Color Slow Shutter

Shutter Speed: 1/4-1/4000 (AE Mode)

Memory Mode: Yes, 640 x 480

MPEG Movie Mode: Yes, 320 x 240, 160 x 112

Viewfinder: Black and White (113K)

LCD: 2.5" Color, 123K Pixels

Accessory Shoe: N/A

Video Input/Output: Yes/Yes (Special/S-Video)

Audio Input/Output: Yes/Yes (Stereo)

i.LINK® DV Interface (IEEE1394): Yes (4 Pin)

USB Terminal: Yes

Memory Stick PRO™ Media Compatibility: Tested to support up to 1GB media capacity; does not support high speed transfer function; does not support Access Control security function

USB Streaming: Yes, 320 x 240 (up to 30 frames/sec.)

Headphone Jack: N/A

Mic-Input: Yes (Stereo)

White Balance: Auto

Exposure: Yes, Dial (24 Steps)

Software OS Compatibility: Microsoft® Windows® 98SE, 2000, Me, XP; Macintosh® 8.5.1 - 10.1**

Power Consumption (VF/LCD/VF+LCD): 2.9W/3.8W/4.0W

Dimensions (WHD): 3 5/8" x 4" x 7 7/8" (89mm x 101mm x 199mm)

Weight: 1 lb 13 oz (830g)

Supplied Accessories: AC-L15 Power Adapter/In Camera Charger, NP-FM30 InfoLithium® Rechargeable Battery, RMT-814 Wireless Remote Commander® Remote, A/V Cable, 2 AA Batteries, Shoulder Strap, Lens Cap, USB Cable, CD-ROM with USB Driver (Pixela ImageMixer Ver. 1.5)

SONY

Sony Electronics Inc.
16765 West Bernardo Drive
San Diego, CA 92127
www.sony.com/di

* 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.

** Macintosh not compatible with USB Streaming.

©2003 Sony Electronics Inc.

Reproduction in whole or in part without written permission is prohibited. All rights reserved.

Sony, AccuPower, Digital8, Handycam, Hi8, i.LINK, InfoLithium, Memory Stick, Memory Stick PRO, NightShot, Remote Commander, Stamina, SteadyShot, SwivelScreen and Worry Free are trademarks of Sony. Microsoft and Windows are registered trademarks of Microsoft Corporation. Macintosh is a registered trademark of Apple Computer, Inc. All other trademarks are property of their respective owners. Features and specifications subject to change without notice. Non-metric weights and measures are approximate.

worry FREE BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM30	105/80/75 min	80/120 min
NP-FM50	170/130/120 min	135/195 min
NP-FM70	355/270/255 min	285/400 min
NP-QM71D	415/315/300 min	335/465 min
NP-FM90	540/410/390 min	435/600 min
NP-FM91	625/475/455 min	505/695 min
NP-QM91D	625/475/455 min	505/695 min

*Results may vary



MEMORY MODE



Memory Stick® Media 640 x 480			Memory Stick PRO™ Media 640 x 480		
	Fine	Standard		Fine	Standard
8MB	50	120	256MB	1450	3,650
16MB	96	240	512MB	2900	7,200
32MB	195	485	1GB	5900	14,500
64MB	390	980			
128MB	780	1,970			



MPEG MOVIE MODE

h=hour, m=minute, s=second

Memory Stick® Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)	Memory Stick PRO™ Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)
8MB	5m 40s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	11m 30s	2m 50s	512MB	5h 41m 20s	1h 25m 20s
32MB	23m 20s	5m 50s	1GB	11h 22m 40s	2h 50m 40s
64MB	47m 10s	11m 40s			
128MB	94m 40s	23m 40s			

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

MSA-16/32/64/128A Memory Stick® Media

MSX-256/512/1GB Memory Stick PRO™ Media

ACC-KITFM50 Handycam Camcorder Starter Kit

VCL-0637H 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