

# DCR-TRV340

## 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. Realize good looking digital still images utilizing 290K (effective) pixels.

#### 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 to detect and compensate for camera "shake" without compromising picture quality like some other digital stabilization systems.

#### ▶ Digital Still Memory Mode with Memory Stick® Media



Digital Still Memory Mode captures high quality still images up to 640x480 resolution directly to Memory Stick® media. Images are stored in a JPEG format providing easy transfer to PCs for email, printing, or sharing with family and friends.

#### ▶ MPEG Movie Mode



MPEG Movie Mode captures MPEG1 compressed video and audio files to Memory Stick media. These clips are ideal for websites or emailing to family and friends via the internet.

#### 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 iLINK 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 terminal provides an easy way to connect Digital Handycam camcorder to computers for fast transfer of digital images and MPEG movies stored on Memory Stick media.

#### 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-TRV340 can record up to 10 hours on one complete charge, providing extra long battery life.

#### 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 stored on Memory Stick media, you can zoom in up to 5X closer. These newly cropped images can be stored on the Memory Stick media.

#### ▶ PIM (Print Image Matching)

Print Image Matching allows the color, brightness and sharpness from the original images to be accurately reproduced in the photo when printing from your PIM compatible home printer.

# DCR-TRV340

## ADDITIONAL FEATURES

- ▶ Print Mark
- Digital Program Editing
- Program AE (Auto Exposure) Modes
- Picture Effect Modes
- Digital Picture Effects
- Fader Modes
- Interval/Frame Recording
- Intelligent Accessory Shoe

## SPECIFICATIONS

- Imaging Device:** 1/6", 460K Gross Pixels CCD  
**Video Actual:** 290K Pixels  
**Still Actual:** 290K Pixels  
**F:** 1.6 – 2.7  
**Focal Distance:** 2.4 – 60mm  
**35mm Conversion:** (Camera Mode) 42 – 1050mm  
 (Memory Mode) 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)  
**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, 61K Pixels  
**Accessory Shoe:** Yes (Intelligent)  
**Portable Printer Capable:** Yes  
**Video Input/Output:** Yes/Yes (S-Video/Mini A/V)  
**Audio Input/Output:** Yes/Yes (Stereo, Special)  
**i.LINK® DV Interface (IEEE1394):** Yes (4 Pin)  
**USB Terminal:** Yes  
**USB Streaming:** Yes, 320 x 240 (up to 30 frames/sec.)  
**Headphone Jack:** Yes (Stereo, Mini)  
**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. (985g) 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, 8MB Memory Stick Media, CD-ROM with USB Driver (PIXELA ImageMixer Ver. 1.0), USB Cable

## 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



## MEMORY MODE



### Memory Stick Media

640 x 480	Fine	Standard
8MB	80	120
16MB	160	240
32MB	325	485
64MB	650	980
128MB	1310	1970



## MPEG MOVIE MODE

Memory Stick Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)
8MB	5 min 20 sec	1 min 20 sec
16MB	10 min 40 sec	2 min 40 sec
32MB	21 min 20 sec	5 min 20 sec
64MB	42 min 40 sec	10 min 40 sec
128MB	85 min 20 sec	21 min 20 sec

## 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
- PVP-MSH Portable Video Printer
- 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

\* 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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Non-metric weights and measures are approximate.

# SONY

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