

# DCR-TRV39

## Digital Handycam® Camcorder

Travel light, the DCR-TRV39 features Networking Capability via USB. Using either a dial-up modem or high speed connection to the Internet you can browse the web, or send and receive email with attachments, to family and friends.



### FEATURES

#### 1.0 Megapixel (Gross) Advanced HAD™ CCD Imager



1/4.7" Advanced HAD™ (Hole Accumulation Diode) CCD imager with 690K (effective) video pixels provides excellent detail and clarity, for exceptional digital video performance. Realize great looking digital still images with 1000K (effective) pixels. The Megapixel technology enhances your digital videos (**520 lines of horizontal resolution**) and digital photography performance.

#### MiniDV Recording

MiniDV digital recording format delivers 3X the color bandwidth of VHS and lower signal to noise ratio compared to analog formats, provides stunning video performance comparable to DVD.

#### ► Network Capable via USB

Connect the camera to the Internet for PC-free networking. The Network function allows you to browse the web, send and receive email messages (with attachments) or upload digital still images and MPEG1 movies stored on Memory Stick® media to Sony's ImageStation® storage site. Connect to the Internet with the supplied hardwired analog phone line to USB Network adapter (Compatible ISP required). **AOL Compatible:** AOL members can enjoy networking features listed above with the exception of receiving email.

#### Professional Quality Carl Zeiss® Vario-Sonnar® Lens

Carl Zeiss lenses have an advanced optical multi-layer coating offering less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation, and perfect renditions of subtle tones.

#### 10X Optical/120X Precision 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.

#### 3.5" SwivelScreen™ Touch Panel LCD Display (184K Pixels) with Stylus



The 3.5" SwivelScreen touch panel LCD display provides excellent viewing clarity with improved resolution. The 184K pixel LCD rotates up to 270-degrees for multiple viewing angles providing sharp detailed images for monitoring or playback. The "On Screen" touch panel system allows you to navigate through the camera's menu system at the touch of the LCD screen.

#### ► Precision Color Viewfinder (180K Pixels)



Increased pixel count provides more detail and clarity of video subjects.

#### 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 with Memory Stick® Media



Digital Still Memory Mode captures high quality Megapixel still images at up to 1152 x 864 resolution directly to Memory Stick media. Images are stored in the JPEG format providing easy transfer to PCs for emailing, printing, or sharing with family and friends. 8MB Memory Stick media supplied.

#### 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 will record up to 85 minutes of non-stop MPEG1 video.

#### Manual Focus Ring



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

#### Progressive Shutter System

A mechanical shutter system that provides Progressive Scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.

#### i.LINK®\*\* DV Interface (IEEE1394)



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

#### Super SteadyShot Stabilization System



An advanced version of Sony's SteadyShot® system that controls an even higher range of shake and vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image 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 0 Lux recording 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 the Memory Stick media.

#### ► STEP-UP FEATURE

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## ADDITIONAL FEATURES

12-Bit/16-Bit PCM Digital Stereo	InfoLithium® Battery with AccuPower™ Meter System
14-Bit DXP A/D Conversion	
Analog-to-Digital Conversion with Pass-Through	Intelligent Accessory Shoe
Battery Information	Pixela ImageMixer CD-ROM Software
Digital Picture Effects	Playback Zoom
Digital Program Editing	Program AE (Auto Exposure) Modes
EXIF 2.2	Simultaneous Record Mode
Fader Effects	Stamina® Battery Power Management System

## SPECIFICATIONS

**Imaging Device:** 1/4.7" 1070K Gross Pixels, Advanced HAD™ CCD

**Video Actual:** 690K Pixels

**Still Actual:** 1000K Pixels

**F:** 1.8-2.0

**Focal Distance:** 3.7-37mm

**35mm Conversion:** 50-500mm (Camera Mode)  
42-420mm (Photo Mode)

**Filter Diameter:** 30mm

**Optical Zoom:** 10X

**Digital Zoom:** 120X

**Focusing:** Full Range Auto/Manual (Touch Panel)

**Minimum Illumination:** 7 Lux (0 Lux with NightShot® Infrared System)

**NightShot Infrared System:** Super NightShot, Color Slow Shutter

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

**Memory Mode:** Yes, 1152 x 864, 640 x 480

**MPEG Movie EX Mode:** Yes

**Viewfinder:** Color (113K Pixels)

**LCD:** 3.5" Color (184K Pixels)

**Accessory Shoe:** Yes (Intelligent)

**Video Input/Output:** Yes/Yes (Mini and S-Video)

**Audio Input/Output:** Yes/Yes

**i.LINK® DV Interface (IEEE 1394):** Yes

**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

**Headphone Jack:** Yes (Mini, Stereo)

**Mic-Input:** Yes (Stereo)

**White Balance:** Auto, Outdoor, Indoor, Hold

**Exposure:** Yes/Touch Panel (24 Step)

**Software OS Compatibility:** Microsoft® Windows® 98SE, 2000, Me, XP; Macintosh® 8.5.1 - 9.1\*\*

**Power Consumption (VF/LCD/VF+LCD):** 3.2W/4.3W/4.5W

**Dimensions (WHD):** 2 7/8" x 3 5/8" x 6 3/8" (72mm x 91mm x 161mm)

**Weight:** 1 lb 7 oz (660g) without Tape and Battery

**Supplied Accessories:** AC-L15 Power Adapter/In Camera Charger, NP-FM30 InfoLithium Rechargeable Battery, 8MB Memory Stick® Media, RMT-814 Wireless Remote Commander® Remote, 2 AA Batteries, A/V Cable, Lens Cap, Shoulder Strap, USB Cable, LCD Cleaning Cloth, CD-ROM with USB Driver (Pixela ImageMixer Ver. 1.5), UNA-PSTN Analog Phone Line Adaptor

# SONY

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## worry FREE™ BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD On/Off
NP-FM30	90/65/65 min	90/130min
NP-FM50	150/110/105 min	145/210 min
NP-FM70	310/230/220 min	305/430 min
NP-QM71D	365/270/255 min	355/505 min
NP-FM90	475/355/340 min	460/655 min
NP-QM91D	550/410/390 min	535/755 min

\*Results may vary depending upon conditions



## MEMORY MODE



Memory Stick® Media	Fine/Std 1152 x 864	Fine/Std 640 x 480	Memory Stick PRO™ Media	Fine/Std 1152 x 864	Fine/Std 640 x 480
8MB	15/37	50/120	256MB	460/1050	1450/3650
16MB	30/74	96/240	512MB	900/2050	2900/7200
32MB	61/150	190/485	1GB	1850/4200	5900/14,500
64MB	120/300	390/980			
128MB	245/600	780/1970			



## MPEG MOVIE EX 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 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s	1GB	11h 22m 40s	2h 50m 40s
64MB	42m 40s	10m 40s			
128MB	1h 25m 20s	21m 20s			

## OPTIONAL ACCESSORIES

AC-SQ950D AC Quick Charger for Super Quick Batteries	MSA-128SZ Memory Stick® Select Media
NP-QM71D/91D Super Quick High Capacity InfoLithium Batteries	MSX-256/512/1GB Memory Stick PRO™ Media
NP-FM50/70/90 High Capacity InfoLithium Batteries	HVL-IRH2 NightShot Infrared Light
LCS-VA1 Carrying Case	HVL-S3D Video Light
MSA-16/32/64/128 Memory Stick® Media	VCT-870RM Remote Control Tripod
	UNA-EN1 Ethernet Adaptor

\* i.LINK is a trademark of Sony, used only to designate that a product contains an IEEE1394 connector. All products with an IEEE1394 connector may not communicate with each other.

\*\* Not compatible with USB Streaming.

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