

DCR-TRV19

Digital Handycam® Camcorder

The DCR-TRV19 is Sony's entry level MiniDV Handycam Camcorder in an all new compact design. It's full of features such as Carl Zeiss® Vario-Sonnar® Lens system, 2.5" SwivelScreen™ Touch Panel LCD Screen, 10X Optical/120X Digital Zoom and more, to help preserve your digital memories.



FEATURES

▶ 1/4" Advanced HAD™ CCD Imager, 680K Pixels Gross

1/4" Advanced HAD (Hole Accumulation Diode) CCD with 340K (effective) pixels provides stunning detail and clarity, with exceptional video (up to 500 lines of horizontal resolution) and still image performance. Realize great looking digital still images utilizing 340K (effective) pixels.

▶ Ultra Compact Design

This new, unique design complements the product's ultra compact size while providing easy, comfortable access to the video controls.

▶ MiniDV Recording

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

▶ 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 brings the action close up from far away. In addition, precision digital zoom interpolation technology means that extreme digital zooming is clearer, with less distortion than previous types of digital zoom.

▶ 2.5" SwivelScreen™ Touch Panel LCD Display (123K Pixels)



The 2.5" SwivelScreen touch panel LCD display 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. The "On Screen" touch panel system allows you to navigate through the camera's menu system at the touch of the LCD screen.

▶ STEP-UP FEATURE

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.

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.

Super SteadyShot Picture 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.

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-TRV19 can record up to 12 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* interface 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.

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ADDITIONAL FEATURES

Burst Mode	Picture Effect Modes
Digital Program Editing	Pixela ImageMixer Software
Index Titling	Playback Zoom
Intelligent Accessory Shoe	Print Mark
Interval/Frame Recording	Progressive Shutter System
Photo Mode	Stamina® Battery Power Management System
Photo Save	

SPECIFICATIONS

Imaging Device: 1/4", 680K Gross Pixels Advanced HAD™ CCD

Video Actual: 340K

Still Actual: 340K

F: 1.7-2.2

Focal Distance: 3.3-33mm

35mm Conversion: 42-420mm (Camera Mode)
42-420mm (Memory Mode)

Filter Diameter: 30mm

Optical Zoom: 10X

Digital Zoom: 120X

Focusing: Full Range Auto/Manual (Touch Panel)

Minimum Illumination: 5 Lux (0 Lux with
NightShot® Infrared System)

NightShot Infrared System: Yes

Shutter Speed: 1/60-1/4000 (Program AE Mode)

Memory Mode: N/A

MPEG Movie Mode: N/A

Viewfinder: Black and White (113K)

LCD: 2.5" Color (123K)

Accessory Shoe: Yes (Intelligent)

Video Input/Output: No/Yes (Mini and S-Video)

Audio Input/Output: No/Yes

i.LINK® DV Interface (IEEE1394): Yes

USB Terminal: Yes

USB Streaming: Yes

Headphone Jack: Yes (Mini, Stereo)

Mic-Input: Yes (Stereo)

White Balance: Auto, Outdoor, Indoor, Hold

Exposure: Yes, Touch Panel (24 Steps)

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

Power Consumption (VF/LCD/VF+LCD): 2.2W/3.0W/3.2W

Dimensions (WHD): 2 7/8" x 3 5/8" x 4 1/2" (71mm x 90mm x 112mm)

Weight: 1 lb 2 oz (520g) w/o Tape and Battery

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, LCD Cleaning Cloth, CD-ROM with USB Driver
(Pixela ImageMixer Ver. 1.5)

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	140/100/95 min	115/165 min
NP-FM50	230/165/155 min	185/265 min
NP-FM70	475/345/320 min	385/540 min
NP-QM71D	550/400/375 min	445/640 min
NP-FM90	715/520/490 min	580/820 min
NP-QM91D	825/605/565 min	670/955 min

*Results may vary depending upon conditions

OPTIONAL ACCESSORIES

AC-SQ950D AC Quick Charger for Super Quick Batteries	LCS-VA1 Carrying Case
NP-QM71D/91D Super Quick High Capacity InfoLithium Batteries	HVL-IRH2 NightShot Infrared Light
NP-FM50/70/90 High Capacity InfoLithium Batteries	HVL-S3D Video Light
	VCT-870RM Remote Control Tripod

* 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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