

# CCD-TRV318

## Analog Handycam® Camcorder

Everything the budding camcorder user needs can be found on the CCD-TRV318. A 2.5" SwivelScreen™ LCD is perfect for framing the action; NightShot® infrared system lets you capture the image in low light or even total darkness. Sony's exclusive InfoLithium® battery system displays the exact number of minutes available on your battery, so you never miss the shot.



### FEATURES

#### 1/6" CCD Imager, 320K Pixels

1/6" CCD imager with 200K (effective) pixels provides great detail and clarity, with exceptional analog video performance.

#### Hi8™ Video Recording

Records outstanding video quality up to 400 lines of horizontal resolution with Hi-Fi sound on affordable Hi8 and 8mm tapes.

#### 20X Optical/560X 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 pixel LCD rotates up to 270-degrees for multiple viewing angles providing sharp detailed images for monitoring or playback.

#### 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.

#### 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.

#### 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 CCD-TRV318 can record up to 15 hours on one complete charge providing extra long battery life.

#### 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.

#### Picture Effects



Get creative when recording or playing back videos with Sony's Picture Effect modes.

Effects available in Camera mode: Negative Art, Sepia, Black & White, Solarize, Slim, Stretch, Pastel and Mosaic. Effects available in Playback mode: Negative Art, Sepia, Black & White and Solarize.

#### End Search

Advances the videotape to the last 5 seconds of the recorded scene. This prevents accidentally recording over previous recorded videos.

#### Fader Effects

Enhance your personal videos by adding professional looking fader effects. Choose from Black, Mosaic, Black & White, Bounce and Stripe.

#### Titling

Add professional looking titles to your videos, select from 8 preset or 2 customized titles with up to 22 characters.

#### Easy Dubbing

Connect the Handycam® camcorder to a VCR deck to make VHS copies of your home videos quickly and easily. The camcorder can control up to 59 brands of VCRs.

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## SPECIFICATIONS

**Imaging Device:** 1/6", 320K Gross Pixels CCD

**Video Actual:** 200K Pixels

**Still Actual:** N/A

**F:** 1.6 – 2.4

**Focal Distance:** 2.5 – 50mm

**35mm Conversion:** 42 – 840mm

**Filter Diameter:** 37mm

**Optical Zoom:** 20X

**Digital Zoom:** 560X

**Focusing:** Full Range Auto/Manual

**Minimum Illumination:** 1 Lux (0 Lux with NightShot® Infrared System)

**NightShot Infrared System:** Yes

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

**Memory Mode:** N/A

**MPEG Movie Mode:** N/A

**Viewfinder:** Black and White (90K Pixels)

**LCD:** 2.5" Color, 61K Pixels

**Accessory Shoe:** N/A

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

**Audio Input/Output:** No/Yes (Mono)

**i.LINK® DV Interface (IEEE 1394):** N/A

**USB Terminal:** N/A

**USB Streaming:** N/A

**Headphone Jack:** N/A

**Mic-Input:** N/A

**White Balance:** Auto

**Exposure:** Yes, Dial (24 Steps)

**Software OS Compatibility:** N/A

**Power Consumption (VF/LCD/VF+LCD):** 1.9W/2.6W/2.8W

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

**Weight:** 1 lb 12 oz (800g)

**Supplied Accessories:** AC-L15 Power Adapter/In Camera Charger, NP-FM30 InfoLithium Rechargeable Battery, Mono A/V Cable, Lens Cap, Shoulder Strap

**worry FREE**

## BATTERY LIFE

Battery* (Fully charged)	Rec Time VF/LCD/VF+LCD	Playback Time LCD/VF
NP-FM30	165/120/110 min	120/175 min
NP-FM50	265/195/180 min	195/280 min
NP-FM70	540/400/370 min	400/570 min
NP-QM71D	640/465/430 min	465/675 min
NP-FM90	820/600/560 min	600/865 min
NP-FM91	955/695/645 min	695/1010 min
NP-QM91D	955/695/645 min	695/1010 min

\*Results may vary

## OPTIONAL ACCESSORIES

AC-SC950D AC Quick Charger for Super Quick batteries	VCL-0637H Wide Angle Lens
AC-VQ850D AC/DC Adapter Quick Charger	VCL-HG0737X High Grade Wide Angle Lens
PC-VM50 Portable AC Charger	VCL-ES06A Wide Angle Lens
DCC-L50 Car Battery Adapter Cable	VCL-ES20A Telephoto Lens
LCS-VA2 Carrying Case	VCL-R2037X High Grade Telephoto Lens
LCS-VA1 Carrying Case	VF-R37K Neutral Density Filter Kit
ACC-KITFM50 Handycam Camcorder Starter Kit	VF-37PK Polarizing Filter Kit
	VCT-R610 Tripod

# SONY

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Features and specifications subject to change without notice.  
Non-metric weights and measures are approximate.