

The DCR-HC52 is a high quality, versatile, and affordable camcorder. The Carl Zeiss® Vario-Tessar® Lens and Super SteadyShot® image stabilization capture clear, sharp video. Powerful 40x optical/2000x digital zoom brings you close to the action, and the 2.7" touch panel SwivelScreen™ LCD display puts control of everything at your fingertips.

- 1/6" Advanced HAD™ CCD Imager, 680K Pixels (Gross)
1/6" 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.
- 40X Optical / 2000X Digital Zoom
The optical zoom helps to bring the action close up 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.
- 2.7" Touch Panel SwivelScreen™ LCD Display (123K Pixels)
The 2.7" LCD screen provides exceptional viewing clarity with 123K pixels resolution. The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback.
- Professional Quality Carl Zeiss® Vario-Tessar® Lens
Carl Zeiss® Vario-Tessar lenses are designed specifically for compact camcorders, and utilize precision ground optics to maintain the sharpness and contrast found with larger lenses.
- i.LINK® Interface (IEEE1394)⁵
Quickly transfer images from the camcorder to compatible devices equipped with an IEEE1394 interface⁵, including camcorders, digital VCRs, and PCs, using this high speed, bi-directional digital video/audio connection.
- InFoLITHIUM® Battery with AccuPower™ Meter System
Unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subjected to a life shortening "Memory Effect," so you're free to charge the battery at any time. Additionally, Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- Stamina® Battery Power Management System
When using the Sony InFoLITHIUM® Battery, the Stamina® Battery Power Management System helps the camcorder prolong battery life for extra long continuous recording times from a single charge.⁷
- Easy Handycam Button
Using a camcorder can be intimidating for some people. With a press of the Easy Handycam Button, most of the advanced features of the camcorder are "locked out," letting you focus only the buttons essential for recording.
- Fader Effects
Enhance your personal videos by adding professional looking fader effects. Choose from Black and White.
- Manual Focus
Manually adjust the focus of the camcorder using the touch panel. Manual focusing also allows the user to control the focus in difficult situations where either the environment or the subject does not allow the camcorder's auto focus to perform optimally, such as when shooting through a window or in a crowded environment.
- Multi-Language Menu
Change the menu display from English to English (Simplified), Canadian French, Latin American Spanish, or Brazilian Portuguese
- NightShot® Plus Infrared System
In low-light environments, the NightShot® Plus Infrared System lets you shoot color video with a less greenish tint than previous infrared systems.
- Picture Effects
Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Monotone, Pastel and Sepia. Effects available in Playback mode: Monotone, Pastel and Sepia.
- Scene Selection Modes
Scene Selection modes make recording easy even when filming in challenging situations. Choose from Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset.



DCR-HC52

MiniDV Handycam® camcorder

Specifications

General

Imaging Device: 1/6" Advanced HAD™ CCD Imager
 Pixel Gross: 680K
 Recording Media: MiniDV
 Recording and Playback Times: SP: 60min/80min., LP: 90min/120min.
 Video Actual: 340K Pixels (4:3)
 Still Actual: N/A
 Processor: N/A
 Video Resolution: N/A
 Still Picture Resolution: N/A

Audio

Audio Format: PCM Digital Stereo (12/16bit)

Convenience

USB Streaming: N/A
 SteadyShot® Image Stabilization: S-SS
 White Balance: Auto / outdoor / indoor / Onepush (Touch Panel)
 Memory Stick PRO™ Media Compatibility: N/A
 Still Image Mode(s): N/A
 Minimum Illumination: 11lux (1/60 Shutter Speed)
 Face Detection: N/A
 Hybrid: N/A
 Hybrid Plus: N/A
 Quick On: N/A
 BRAVIA® Sync™ : N/A
 Dual Record: N/A

Convenience Features

Easy Operation: Yes
 Multiple Language Display: Yes
 Slide Show Mode: N/A
 Scene Mode(s): Auto, Twilight, Sunrise & Sunset, Landscape, Portrait, Spotlight, Sports Lesson, Beach, Snow
 Picture Effect(s): Mosaic, Solarization, Monotone, Sepia, Neg. Art, Pastel
 Digital Picture Effect(s): N/A
 PictBridge Compatible: N/A
 Dynamic Range Optimizer: N/A
 Low Light Capability: NS plus
 Fader Effect(s): Black, White, Mosaic, Monotone
 Face Index: N/A
 Film Roll Index: N/A
 Photo Capture from Movie: N/A
 Dubbing Button: N/A
 PhotoTVHD: N/A
 x.v.Color™ : N/A

Video

Video Signal System: NTSC color, EIA standards
 Format(s) Supported: DV (AVI)

Inputs and Outputs

LANC Terminal: Accesible via A/V Remote Terminal
 Analog Audio/Video Output(s): Included (via A/V Remote Terminal)
 Digital Audio/Video Output(s): N/A
 USB Port(s): N/A
 i.LINK® Interface: Yes (DV only)
 Component Video (Y/Pb/Pr) Output(s): N/A
 Headphone Jack: N/A
 Microphone Input: N/A
 S-Video Output(s): Via A/V Remote (sold separately)
 HDMI™ Connection Output(s): N/A
 Audio/Video Remote Terminal: Video/S Video/Audio/LANC
 Active Interface Shoe: N/A

Display

LCD Screen: 2.5" touch panel LCD display

Hardware

Viewfinder: Color (123K Pixels)
 Microphone: Yes
 Flash: N/A
 Memory Stick slot: N/A
 Manual / Auto Lens Cover: Manual
 Assignable Dial: N/A
 S/S & Zoom button on LCD: Yes

Optics/Lens

35mm Equivalent: 36 - 1440mm (4:3 Camera Mode), 39 - 1560mm (16:9 Camera Mode)
 Aperture: F1.8 - 4.1
 Exposure: Touch Panel (24 steps)
 Filter Diameter: 30mm
 Focal Distance: 1.9 - 76mm
 Focus: Full range auto / Manual (Touch Panel)
 Progressive Shutter Mode: N/A
 Shutter Speed: Auto, 1/60 - 1/4000 (Scene Selection Mode)
 Optical Zoom: 40x
 Digital Zoom: 2000x
 Lens Type: Carl Zeiss® Vario-Tessar®

Power

Power Consumption: 1.8W / 2.1W (VF/LCD)
 Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH30)
 Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty: Limited Warranty --- 1 Year Parts: 90 Days Labor

Software

Operating System Compatibility: N/A
 Supplied Software: N/A

Dimensions

Weight: 13 oz (380g) without Tape and Battery, 15oz (440g) with Tape and Battery
 Measurements: 2 1/2 x 3 3/8 x 4 5/8 inch (63x85x115mm) with Battery, 2 1/2 x 3 3/8 x 4 1/2 inch (63 x 85 x 114mm) with Battery

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)
 InfoLITHIUM® Rechargeable Battery (NP-FH30)
 Multi A/V Cable (Stereo)
 Enjoy Handycam DVD
 Optional Accessories
 LCS-X20 Case
 Rechargeable InfoLITHIUM® Batteries (NP-FH50/FH70/FH100)
 BC-TRP travel charger
 VCT-50AV Remote tripod
 AC-VQH10 AC Adaptor/Charger for H series batteries

UPC Code: 027242727427



1. Viewable area measured diagonally.
5. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE1394 connection. The i.LINK connection may vary depending on the software applications, operating system and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other.
6. Not all products with USB connectors may communicate with each other due to chipset variations.
7. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.

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 Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
 Screen Images Simulated

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