

**PRELIM**

Simple controls and crystal clear quality let you call the shots with the DCR-HC38. Features like Super Steady Shot® image stabilization and NightShot® Plus technology make sure your video looks stunning and clean as you record to a MiniDV cassette (sold separately).

▲ Step-up

- 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.
- MiniDV Recording  
Offers up to 500 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video 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.
- Professional Quality Carl Zeiss® Vario-Tessar® Lens  
Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.
- ▲ Super 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.
- 2.5" Touch Panel SwivelScreen™ LCD Display<sup>4</sup> (123K Pixels)  
Provides excellent viewing clarity with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback.
- ▲ USB Streaming<sup>5</sup>  
Stay connected to family and friends by broadcasting live video with audio over the internet using the USB interface. You can even playback your favorite recorded scene on the camcorder's tape. It's like having your own video conferencing system<sup>6</sup>.
- i.LINK® DV Interface<sup>1</sup>  
A digital high-speed bi-directional interface which provides Audio/Video communication between two compatible devices. This connection allows for pure digital transfer between devices equipped with an IEEE1394 interface, such as camcorders, digital VTRs, capture cards and PCs.
- InfoLithium® Battery with AccuPower™ Meter System  
Charge the battery at anytime because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subject to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- NightShot® Plus Infrared System  
With Sony's NightShot Plus Infrared System you can capture natural looking video, even when shooting in low light. Record subjects up to 10 feet away using the built-in infrared system, but without the overall monochrome color common with earlier low-light recording systems.
- Manual Focus  
Allows the user to 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.
- ▲ On Screen Zoom and Record Controls  
For additional control of the camcorder, the DCR-HC38 features Zoom and Record buttons on the frame of the LCD screen. This allows the user more flexibility when holding the camcorder, especially in overhead or low angle shots.
- Stamina® Battery Power Management System  
Using the optional NP-FH1000 InfoLithium® Battery, the DCR-HC38 can continuously record for upto 14 hours (viewfinder) or up to 12 hours (LCD) on a single full charge, providing extra long battery life<sup>2</sup>.
- 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.
- Picture Effects  
Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Mosaic and Pastel. Effects available in Playback mode: Monotone, Negative Art, Sepia and Solarize.
- Easy Handycam Button  
Using a camcorder can be intimidating for some people, so with a press of the Easy Handycam button, most of the advanced features of the camcorder are "locked out" leaving only the buttons essential for recording operational.

**ADDITIONAL FEATURES**

- Fader Effects
- Battery Information
- Picture Motion Browser Software
- Multi-Language Menu



## Specifications

### General

Imaging Device: 1/6" CCD  
Pixel Gross: 680K  
Recording Media: MiniDV Cassette  
Recording and Playback Times: SP: 60 min., LP: 90 min.  
Video Actual: 340K Pixels  
Still Actual: 340K Pixels

### Convenience

USB Streaming: Yes  
SteadyShot® Image Stabilization: Yes (Super Electronic)  
Accessory Shoe: N/A  
White Balance: Auto, Indoor, One-push, Outdoor  
Memory Stick PRO™ Media Compatibility: N/A  
Still Image Mode(s): JPEG  
Minimum Illumination: 5 Lux (0 Lux with NightShot® Plus Infrared System)  
Low Light Capability: NightShot® Plus system

### Convenience Features

Easy Operation: Yes  
Fader Effects: Black, Monotone, Mosaic, White  
Multiple Language Display: Yes  
Remote Control: N/A  
Slide Show Mode: N/A  
Titling: Yes (must use cassette with memory)  
Light/Flash: N/A  
Movie Mode(s): MPEG  
Scene Mode(s): Beach, Candle, Landscape, Portrait, Sports Lesson, Snow, Spotlight, Sunrise & Sunset and Twilight  
Picture Effect(s): Monotone, Mosaic, Negative Art, Pastel, Sepia, Solarization  
Digital Picture Effect(s): N/A  
PictBridge Compatible: N/A

### Inputs and Outputs

LANC Terminal: N/A  
Analog Audio/Video Input(s): N/A  
Analog Audio/Video Output(s): Yes (Multi A/V)  
Digital Audio/Video Input(s): Yes (via i.LINK®)<sup>1</sup>  
Digital Audio/Video Output(s): Yes (via i.LINK®)<sup>1</sup>  
USB Port(s): Yes (1.1 compliant)  
i.LINK® Interface: Yes<sup>1</sup>  
Component Video (Y/Pb/Pr) Output(s): N/A  
Headphone Jack: N/A  
Microphone Input: N/A  
S-Video Input(s): N/A  
S-Video Output(s): Yes (optional accessory)

### Hardware

LCD: 2.5" (123K Pixels) SwivelScreen™ LCD Display<sup>4</sup>  
Lens Type: Carl Zeiss® Vario-Tessar®  
Viewfinder: Color (123K Pixels)  
Docking Station: N/A  
Microphone: Yes (Built-in; Stereo)

### Optics/Lens

35mm Equivalent: 39 - 1560mm (4:3 Camera Mode), 39 - 1440mm (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

### 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: 1 Year Parts; 90 Days Labor

### Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional  
Supplied Software: Picture Motion Browser ver. 2.0

### Video

Video Recording System: 2 Rotary Heads, Helical Scanning System  
Video Signal System: NTSC color, EIA standards  
Analog-to-Digital Converter: N/A

### Dimensions

Weight: 15 oz (450g) with Tape and Battery  
Measurements: 2 1/2" x 3 3/8" x 4 5/8" (63 x 85 x 115mm)

### Supplied Accessories

Power Adapter/ In-Camera Charger (AC-L200)  
InfoLithium® Rechargeable Battery (NP-FH30)  
Stereo AV Cable  
Application Software  
Enjoy Handycam DVD

### Optional Accessories

High Grade A/V Cable with S-Video (VMC-30FS)  
Carrying Case (LCS-VA30)  
Soft Carrying Case (LCS-VAC)  
Lightweight Tripod (VCT-R100)  
Pocket Tripod (VCT-MTK)

UPC Code: 027242701809

- 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.
- Actual battery life may vary based on product settings, usage patterns and environmental conditions. Designed for use with compatible Sony InfoLithium® batteries.
- Viewable area measured diagonally.
- Not all products with USB connectors may communicate with each other due to chipset variations.
- A broadband connection is required along with third party services, which may require a subscription fee and/or other service fees.

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Screen Image Simulated

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