

NEW

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 Display⁴ (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 Streaming⁵
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 system⁶.
- i.LINK® DV Interface¹
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 up to 14 hours (viewfinder) or up to 12 hours (LCD) on a single full charge, providing extra long battery life².
- 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



MEMORY STICK Duo
MEMORY STICK PRO Duo



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): N/A
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
Titriling: N/A
Light/Flash: N/A
Movie Mode(s): N/A
Scene Mode(s): Beach, 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[®])¹
Digital Audio/Video Output(s): Yes (via i.LINK[®])¹
USB Port(s): Yes (1.1 compliant)
i.LINK[®] Interface: Yes¹
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 Display⁴
Lens Type: Carl Zeiss[®] Vario-Tessar[®]
Viewfinder: Color (123K Pixels)
Docking Station: N/A
Microphone: Yes (Built-in; Stereo)

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

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 (450 g) 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

BATTERY LIFE²

| Battery ² (Fully charged) | Continuous Record Time VF /LCD | Continuous Playback Time LCD/EVF |
|---|-----------------------------------|-------------------------------------|
| NP-FH30 | 110/95 min | 105/135 min |
| NP-FH50 | 180/155 min | 170/220 min |
| NP-FH70 | 395/330 min | 370/465 min |
| NP-FH100 | 890/760 min | 845/1065 min |

1. 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.
2. Actual battery life may vary based on product settings, usage patterns and environmental conditions. Designed for use with compatible Sony InfoLithium[®] batteries.
3. Viewable area measured diagonally.
4. Not all products with USB connectors may communicate with each other due to chipset variations.
5. 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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Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
Screen Image Simulated

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