

Experience true versatility with the DCR-HC36 MiniDV Handycam® camcorder. Share your creations with remarkable ease on the removable Memory Stick Duo™ Media. And enjoy the ability to shoot in low light with the NightShot® Plus Infrared System. Suddenly, capturing your world in brilliant detail is more manageable than ever.

▲ 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.
- 20X Optical/800X 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 Display⁵ (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
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.
- 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.
- ▲ Digital Still Memory Mode with Memory Stick Duo™ Media³
Capture still images at 640x480 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.
- InfoLITHIUM® Battery with AccuPower™ Meter System²
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.
- ▲ Tele Macro Function
Useful for shooting close up shots, but without having the camcorder casting a shadow on the subject. Images shot in the Tele Macro Mode will have the subject properly focused with the background unfocused so that the subject stands out.
- NightShot® Plus Infrared System
With Sony's NightShot 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-HC36 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 System⁴
Using the optional NP-FP90 InfoLITHIUM® Battery, the DCR-HC36 can continuously record for up to 9 hours (viewfinder) or up to 7 hours (LCD) on a single full 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 Beach & Ski, Landscape, Portrait, Sports Lesson, Spotlight or Sunset & Moon modes.
- 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 Effect(s)
- Battery Information
- Picture Package™ Software

DCR-HC36

MiniDV Handycam® Camcorder

Specifications

General

Imaging Device: 1/6" CCD
 Pixel Gross: 680K
 Recording Media: MiniDV Cassette, Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media (sold separately)
 Recording and Playback Times: SP: up to 60 min., LP: up to 90 min.
 Video Actual: 340K Pixels
 Still Actual: 340K Pixels

Convenience

USB Streaming: Yes
 SteadyShot® Image Stabilization: Yes (Electronic)
 Accessory Shoe: N/A
 White Balance: Auto, Indoor, One-push, Outdoor
 Memory Stick PRO™ Media Compatibility: Tested to support up to 2GB media capacity; does not support high speed transfer function; does not support Access Control security function.
 Still Image Mode(s): JPEG
 Minimum Illumination: 5 Lux (0 Lux with NightShot® Plus Infrared System)

Convenience Features

Easy Operation: Yes
 Multiple Language Display: Yes
 Remote Control: Yes
 Slide Show Mode: No
 Tiling: Yes
 Light/Flash: N/A
 Movie Mode(s): MPEG
 Scene Mode(s): Beach & Ski, Landscape, Portrait, Sports Lesson, SpotLight, Sunset & Moon
 Picture Effect(s): Monotone, Mosaic, Negative Art, Pastel, Sepia, Solarization
 Digital Picture Effect(s): Flash Motion, Luminance, Old Movie, Slow Shutter, Still, Trail
 PictBridge Compatible: Yes
 Low Light Capability: NightShot® Plus
 Fader Effect(s): Black, Dot, Monotone, Mosaic, Overlap, White, Wipe

Video

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

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®)
 Digital Audio/Video Output(s): Yes (via i.LINK®)
 USB Port(s): Yes (1.1 compliant)
 i.LINK® Interface: Yes
 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)

Display

LCD Screen: 2.5" (123K Pixels) SwivelScreen™ LCD Display*

Hardware

Viewfinder: Color (123K Pixels)
 Docking Station: N/A
 Microphone: Yes (Built-in)

Optics/Lens

35mm Equivalent: 44-880mm (4:3 Camera Mode), 44-880mm (4:3 Memory Mode)
 Aperture: f1.8-f3.1
 Exposure: Touch Panel (24 steps)
 Filter Diameter: 25mm
 Focal Distance: 2.3-46mm; 390mm (Telemacro)
 Focus: Full Range Auto, Manual (Touch Panel)
 Progressive Shutter Mode: N/A
 Shutter Speed: Auto, 1/2-1/4000 (AE Mode)

Optical Zoom: 20X
 Digital Zoom: 800X
 Lens Type: Carl Zeiss® Vario-Tessar®

Power

Power Consumption: 1.9W/2.3W (VF/LCD)
 Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FP30)
 Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional
 Supplied Software: Picture Package™ ver. 1.5

Dimensions

Weight: 15 oz (430 g) with Tape and Battery
 Measurements: 2 5/8" x 3 1/8" x 4 1/2" (65 x 79 x 113mm)

Supplied Accessories

Power Adapter/ In-Camera Charger (AC-L25)
 InfoLITHIUM® Rechargeable Battery (NP-FP30)
 Remote Commander® Remote Control (RMT-B31)
 Stereo AV Cable
 Lens Cap
 USB Cable
 CD-ROM with USB Driver (Picture Package Software Ver. 1.5 for Sony)

Optional Accessories

Handycam Camcorder Starter Kit for MiniDV (ACC-FP71)
 High Capacity InfoLITHIUM™ Batteries (NP-FP50/FP71/FP90)
 Portable AC Travel Charger (BC-TRP)
 AC Adaptor/Quick Charger (ACV-QP10)
 A/V Cable including S-Video (VMC-30FS)
 Carrying Case (LCS-VA30)
 Soft Carrying Case (LCS-VAC)
 Filter Kit (VF-25CPKS)
 Wide Angle Lens (VCL-0625S)
 High Grade Wide Angle Lens (VCL-HG0725)
 Telephoto Lens (VCL-2025S)
 High-Grade Telephoto Lens (VCL-HG2025)
 Lightweight Tripod (VCT-R100)
 Pocket Tripod (VCT-MTK)
 High Grade A/V Cable with S-Video (VMC-30FS)

UPC Code: 027242688667

3. Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 8=7.5, 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940, 2GB=1.85GB.
4. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
5. Viewable area measured diagonally.
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. Designed for use with compatible Sony InfoLITHIUM® batteries.

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 Screen Image Simulated

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