

DCR-HC30 Digital Handycam[®] Camcorder

The ultra compact DCR-HC30 is packed with high-end features like a 2.5" Touch Panel LCD Screen, USB Streaming and Carl Zeiss® Lens. The Digital Still Memory mode captures high quality still images directly to Memory Stick Duo™ and Memory Stick PRO Duo™ Media for emailing, printing and sharing with family and friends.

FEATURES

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.

Realize great looking digital still images utilizing 340K (effective) pixels.

MiniDV Recording

Offers up to 500 lines of horizontal resolution, 3X color bandwidth (vs. VHS) and significantly higher S/N ratio, to provide stunning video performance.

10X Optical/120X 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" Hybrid SwivelScreen™ Touch Panel LCD Display (123K Pixels)



Provides excellent viewing clarity with improved resolution. The nitor 123K pixel LCD display makes

images sharp and detailed during playback or when monitoring recording. The Hybrid Reflective-Transmissive LCD Screen provides accurate viewing in sunlight or bright light. virtually eliminating the "wash-out" common with traditional LCD Screens.

Digital Still Memory Mode with Memory Stick Duo™ Media

Capture digital still images at 640 x 480 resolution, directly onto Memory Stick Duo[™] Media for easy transfer to PC's for emailing, printing, or sharing with other compatible Memory Stick[™] devices.

Picture Package[™] Software

Easily create fun music videos with the supplied software.

Professional Quality Carl Zeiss® Vario-Tessar® Lens

Carl Zeiss lenses have an advanced ZEISS optical multi-laver coating offering

less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.

Stamina® Battery Power Management System 7.5 Hours (Using Optional NP-FP90)

The Sony DCR-HC30 can continuously record for up to 7.5 hours or playback for up to 8 hours (with LCD screen off) on a single charge with the optional NP-FP90.

Progressive Shutter

Mechanical shutter system that provides Progressive Scan performance while utilizing an interlace scanning system. Digital still images will be sharp and clear with excellent definition.

Easy Handycam Button

Using a camcorder can be

intimidating for some people, so Handycam with a press of the Easy Handycam button, most of the advanced functions of the camcorder are "locked out" leaving only the buttons essential for recording operational.

Super NightShot Plus Infrared System

An advanced version of Sony's NightShot[®] Infrared system that NightShot Dilux allows users to record natural color images in low-light conditions, but without the blurring common with other lowlight recording systems.

Analog To Digital Conversion with Pass-Through

Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed through the digital Handycam camcorder directly into a PC via the i.LINK[®] interface in real-time for easy PC editing of your analog footage.

Battery Information

Battery information is momentarily Dattery Info 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 in the viewfinder.

InfoLithium[®] Battery with AccuPower™ Meter System

(i) InfoLITHIUM P 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.

Super SteadyShot Image Stabilization System

An advanced version of Sony's Super feady SteadyShot® system that controls an Shot ' even higher range of shake and

vibration frequencies, to achieve an even higher level of smoothness without degradation of video like some other image stabilization systems.

i.LINK®* DV Interface (IEEE1394)

DIGITAL VIDED A high speed bi-directional digital video/audio communication between Ь two compatible devices equipped with an IEEE1394 interface, including camcorders, digital VTRs and PCs.

12-Bit/16-Bit PCM Digital Stereo

16-Bit offers the same outstanding sound quality as compact disc. 12-Bit recording enables you to add an additional audio track with compatible audio dubbing equipment or i.LINK®* interface compatible computers.

>MPEG EX Movie Mode

friends and family.



Unlike earlier MPEG1 Movies, MPEG EX Movie Mode will allow you to record uninterrupted to the capacity of the Memory Stick Duo™ Media. These movies are perfect for emailing to

STEP-UP FEATURE

DCR-HC30 Digital Handycam[®] Camcorder

ADDITIONAL FEATURES

Accessory Shoe Built-In Lens Cover Digital Audio/Video Fader Digital Program Editing LCD Record Button Multi-Language Menu PictBridge™ Compatibility Program AE (Auto Exposure) Modes USB Streaming

SPECIFICATIONS

Imaging Device: 1/6" 680K Pixel Advanced HAD™ CCD Video Actual: 340K Pixels Still Actual: 340K Pixels **F:** 1.7 – 2.3 Focal Distance: 2.3 - 23mm 35mm Conversion: 43 - 430mm (Camera mode) 43 - 430mm (Memory mode) Filter Diameter: 25mm Optical Zoom: 10X Digital Zoom: 120X Focusing: Full Range Auto/Manual (Touch Panel) Minimum Illumination: 5 lux (0 lux with Super NightShot Plus Infrared System) NightShot Infrared System: Super NightShot Plus Shutter Speed: 1/4 - 1/4000 (AE Mode) Viewfinder: Color, 123K Pixels LCD: 2.5" (123K) Hybrid Color Touch Panel Accessory Shoe: Yes Video Input/Output: Yes/Yes (Multi A/V, Special) Audio Input/Output: Yes/Yes (Stereo, Special) i.LINK® DV Interface (IEEE1394): Yes USB: Yes Memory Stick PRO Duo™ Media Compatibility: Tested to support up to 512MB media capacity; does not support high speed transfer function: does not support Access Control security function **USB Streaming: Yes** LANC (Accessory) Terminal: Yes (Stereo, Mini) Headphone Jack: N/A Mic. Input: Yes (Stereo) White Balance: Auto/Outdoor/Indoor/One Push Exposure: Manual, Touch Panel (24 Steps) Power Consumption (VF/LCD/VF+LCD): 2.3W/2.6W/2.7W Software OS Compatibility: Microsoft® Windows® 98SE, Me, 2000 Professional, XP Home and Pro Macintosh® OS X (10.1.5 or later)** **Dimensions (WHD):** 2" x 3 ¹/₂" x 4 ¹/₂" (50 x 86 x 112mm) Weight: 13 oz (380g) without Tape and Battery Supplied Accessories: AC-L25 Power Adapter/In Camera Charger, NP-FP50

InfoLithium[®] Rechargeable Battery, RMT-831 Wireless Remote Commander[®] Remote Control, USB Cable, MSG-M8A Memory Stick Duo[™] Media, MSAC-M2 Memory Stick Duo Adapter, CR2025 Battery, Multi A/V Cable, LCD Cleaning Cloth, CD-ROM w/USB Driver (Picture Package[™] Software v.1.0 for Sony)



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worry	∕ FREE™ B	ATTERY LIFE			
Battery* (Fully charged)	Continuous Record Time VF/LCD/VF+LCD	Continuous Playback Time LCD On/Off			
NP-FP50	120/105/100 min	120/140 min			
NP-FP70	255/225/215 min	255/295 min			
NP-FP90	455/400/385 min	455/525 min			
*Results may vary depending upon conditions					

MEMORY MODE	MEMORY MODE		÷	
Memory Stick Duo™ Media¹	Fine/Std 640 x 480	Memory Stick PRO Duo™ Media¹	Fine/Std 640 x 480	
8MB	50/120	256MB	1400/3550	
16MB	96/240	512MB	2850/7200	
32MB	190/485			
64MB	390/980			
128MB	780/1970	1		



MPEG MOVIE EX MODE

h=hour, m=minute, s=second

Memory Stick Duo™ Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)	Memory Stick PRO Duo™ Media	Email Mode (160 x 112)	Presentation Mode (320 x 240)
8MB	5m 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s			
64MB	42m 40s	10m 40s			
128MB	1h 25m 20s	21m 20s			

OPTIONAL ACCESSORIES

ACC-DVP MiniDV Starter Kit LCS-VA5 Carrying Case NP-FP50/70/90 High Capacity InfoLithium[®] Batteries VCL-0625S Wide Angle Lens VCL-2025S Telephoto Lens VCL-2025S Telephoto Lens VCL-2025 Twin Conversion Lens VF-R25NK Filter Set MSH-M64A, MSH-M128A Memory Stick Duo™ Media MSX-M256A, MSX-M512A Memory Stick PRO Duo™ Media

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¹ 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

* 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.

** Not compatible with USB Streaming.