

NEW

MiniDV Handycam® Camcorder

- ▲ Step-up Feature
- ◆ New Feature

The DCR-HC42 is stylish yet feature packed with a supplied Handycam Station for the convenient ability to share your memories and charging your battery. Along with a 1 Megapixel CCD Imager and 2.7" Wide (16:9) Hybrid Touch Panel LCD your memories will be enhanced with more video captured.

▲ **1.0 Megapixel (Gross) Advanced HAD™ CCD Imager**

1/5.5" Advanced HAD™ (Hole Accumulation Diode) CCD with 690K (effective) pixels provides stunning detail and clarity with exceptional video (up to 520 lines of horizontal resolution) and still image performance. The Megapixel technology enhances your digital videos and digital still photography performance.

– **MiniDV Recording**

Offers up to 520 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video performance.

– **12X Optical/480X Digital Zoom**

The optical zoom helps to bring the action close up from far away. In addition, with the Digital Zoom and 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.

– **Progressive Shutter System**

A mechanical shutter system that provides progressive scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.

– **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.

– **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.

▲ **2.7" wide Touch Panel SwivelScreen™ LCD Display (123K Pixels)**

Provides excellent viewing clarity for both 16:9 and 4:3 aspect 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.

– **Handycam Station**

The supplied Handycam Station provides quick and easy connections to a TV for viewing or to a PC for editing and sharing video. Just placing the camcorder on the Handycam Station instantly makes the connections. No need to search for cables or wires when charging or playing back.

– **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.

▲ **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 subjected 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.

– **Digital Still Memory Mode with Memory Stick Duo™ Media³**

Capture still images up to 1152x864 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.

– **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.

▲ **Active Interface Shoe**

Provides a location directly on the camcorder on which to add optional accessories while providing power and two-way communication to those accessories.

– **Stamina® Battery Power Management System**

Using the optional NP-FP90 InfoLithium® Battery, the DCR-HC42 can continuously record for up to 8 hours on a single full charge, providing extra long battery life.

– **Super NightShot® Plus Infrared System**

With Sony's Super NightShot Infrared System you can capture natural looking video, even when shooting in low light. Record subjects up to 20 feet away using the built-in infrared system, but without the overall monochrome color common with earlier low-light recording systems.



ZEISS

HIGH QUALITY
WIDE/16:9

worryfree digital video.

like.no.other™

HANDYCAM

DCR-HC42

MiniDV Handycam® Camcorder

additional features

- Program AE (Auto Exposure) Modes
- Picture Effects
- Battery Information
- Manual Focus
- Easy Handycam Button

specifications

USB Streaming: Yes

SteadyShot® Image Stabilization: Yes, Super SteadyShot

Accessory Shoe: Yes, Active Interface

White Balance: Auto/Outdoor/Indoor/One-push

Memory Stick PRO™ Media Compatibility:

Tested to support up to 1GB media capacity²; does not support high speed transfer function; does not support Access Control security function.

Low Light Capability: Super NightShot Plus

Interface: Interface Connector for Handycam Station: Yes

Viewfinder: Color, 123K Pixels

Imaging Device: 1/5.5" 1070K Gross Pixel CCD

Still Actual: 1000K Pixels

LCD: 2.7" Wide (16:9) Color (123K)

USB Port(s): Yes (On Handycam Station)

LANC Terminal: Yes

Digital Audio Input(s): Yes

Digital Video Input(s): Yes

Digital Video Output(s): Yes (Special)

Digital Audio Output(s): Yes (Stereo, Special)

Headphone Output(s): N/A

Input(s): Microphone N/A

Minimum Illumination: 7 Lux (0 Lux with

NightShot Plus Infrared System)

Lens Type: Carl Zeiss® Lens:

Vario-Tessar®: Yes

Zoom: 12X, 480X (Digital)

Focus: Full Range Auto/Manual (Touch Panel)

35mm Conversion: 44-880mm (4:3)-Camera

48-960mm

(16:9)-Memory

44-880mm

(4:3)-Camera

Focal Distance: 23-46mm; 390mm(Telemacro)

Aperture: 1.8-2.5

Exposure: Yes, Touch Panel (24 steps)

Shutter Speed: 1/2-1/4000 (AE Mode)

Power Consumption: 2.6W/3.0W/3.2W

(VF/LCD/VF LCD)

Limited Warranty: 1 Year Parts; 90 Days Labor

Video Actual: 690K Pixels

Filter Diameter: 25mm

Weight: 14 oz (397 g) w/out Tape and Battery

Dimensions (WHD): 2 1/4" x 3 5/8" x 4 1/2"

(54.7 x 90 x 111.7mm)

Supplied Accessories: Power

Adapter/In-Camera Charger (AC-L25)

InfoLithium® Rechargeable Battery (NP-FP50)

Handycam® Station (DRCA-C121)

Remote Commander® Remote Control

(RMT-831)

Stereo AV Cable

USB Cable

Shoulder Strap

CD-ROM with USB Driver (PicturePackage™

Software Ver. 1.5 for Sony)

UPC Code: 0272426697580

service and warranty

Limited Warranty: 1 Year Parts; 90 Days Labor

optional accessories

Handycam Camcorder Starter Kit for MiniDV (ACC-DV)

High Capacity InfoLithium™ Batteries

(NP-FP50/FP70/FP90)

Adaptor/Quick Charger (ACV-QP10 AC)

AC/DC Adaptor (DCC-L50B)

Carrying Case (LCS-VA4)

Carrying Case (LCS-VA5)

Telephoto Lens (VCL-2025S)

High-Grade Telephoto Lens (VCL-HG0725)

Wide Angle Lens (VCL-HG0725S)

Wide Angle Lens (VCL-0625S)

Lightweight Tripod (VCT-R610)

Pocket Tripod (VCT-TK1)

worryfree[®]digitalvideo™

Sony. Engineered to be effortless.

BATTERY LIFE⁴

Battery ⁴ (Fully charged)	Continuous Record Time VF/LCD/LCD Backlight Off/VF+LCD	Continuous Playback Time LCD On/Off
NP-FP30	95/80/95/75 min	85/105 min
NP-FP50	105/90/105/85 min	105/135 min
NP-FP70	225/190/225/180 min	225/280 min
NP-FP90	400/345/400/320 min	400/500 min



MEMORY MODE³

Still Pictures — Fine/Standard (Approx.)



Memory Stick Duo™ Media ³	Fine/Std 1152 x 864	Fine/Std 640 x 480	Memory Stick PRO Duo™ Media ³	Fine/Std 1152 x 864	Fine/Std 640 x 480
8MB	15/37	50/120	256MB	445/1000	1400/3550
16MB	30/74	96/240	512MB	900/2050	2850/7200
32MB	61/150	190/485	1GB	1800/4200	5900/14500
64MB	120/300	390/980			
128MB	245/600	780/1970			



MPEG MOVIE EX MODE³

h=hours, m=minutes, s=second

Memory Stick Duo™ Media ³	Email Mode (160x112)	Presentation Mode (320x240)	Memory Stick PRO Duo™ Media ³	Email Mode (160x112)	Presentation Mode (320x240)
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	1GB	11h 22m 40s	2h 50m 40s
64MB	42m 40s	10m 40s			
128MB	1h 25m 40s	21m 20s			

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.

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.

4. Battery life may vary depending upon usage patterns.

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate.

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