

The DCR-SR45 features a built-in 30GB⁹ hard disk drive and Memory Stick PRO Duo™ media slot to store all of your video and still images. A high-power 40x optical/2000x digital zoom gets you close to all the action, while a professional-quality Carl Zeiss® Vario-Tessar® Lens and Super SteadyShot® image stabilization captures everything as clearly as if you were still there.

- 1/8" Advanced HAD™ CCD Imager, 680K Pixels (Gross)
1/8" Advanced HAD™ (Hole Accumulation Diode) CCD with 680K (effective) pixels provides stunning detail and clarity with exceptional video (up to 500 lines of horizontal resolution) and still image 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.
- 2.7" Wide¹ (16:9) Touch Panel Clear Photo LCD Plus™ Display (211K Pixels)
The 2.7" Wide¹ (16:9) LCD screen provides exceptional viewing clarity with improved resolution (211K pixels). The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback. The widescreen format makes shooting in 16:9 mode and composing shots even easier.
- Hybrid Recording to Hard Disk Drive or Memory Stick® Media
Hybrid recording technology delivers a new level of flexibility for transferring your video footage and digital photos from the camcorder to compatible viewing devices. Record to the camcorder's internal hard disk drive, or choose instead to record to removable Memory Stick Duo™ media or Memory Stick PRO Duo™ media. You can even select from various dubbing functions to easily copy video or still images from the hard disk drive to Memory Stick media -- without using a PC. Images recorded or transferred to Memory Stick media can then be played directly on a PS3 or PC to share your memories with friends and family.
- Memory Stick PRO Duo™ Media Slot
Capture still images directly onto Memory Stick PRO Duo™ media (sold separately) for easy transfer to PCs for emailing, printing, or sharing with other compatible Memory Stick® devices (sold separately).
- Quick On
Missing an important scene can be frustrating, especially if the reason is because your camcorder is turned off. With the Quick On feature, the touch of a single button places that camcorder in Sleep mode. Another push instantly wakes the camcorder, so you'll always be ready to capture special moments.
- Built-in zoom microphone with 5.1ch recording
Featuring Dolby® Digital 5.1 Creator, the built-in zoom microphone focuses audio recording on your subjects in sync with the camera's zoom lens, helping memories ring true with clear dialogue and crisp, discrete sounds.
- Easy Handycam Button
Using a camcorder can be intimidating for some people. With a press of the Easy Handycam Button, most of the advanced features of the camcorder are "locked out," letting you focus only the buttons essential for recording.
- Professional Quality Carl Zeiss® Vario-Tessar® Lens
Carl Zeiss® Vario-Tessar lenses are designed specifically for compact camcorders, and utilize precision ground optics to maintain the sharpness and contrast found with larger lenses.
- USB 2.0 Interface⁶
The USB 2.0 interface⁶ provides an easy way to connect your camcorder to a PC for fast transfer of video and still images for editing.
- InfoLITHIUM® Battery with AccuPower™ Meter System
Unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subjected to a life shortening "Memory Effect," so you're free to charge the battery at any time. Additionally, Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- Stamina® Battery Power Management System
When using the Sony InfoLITHIUM® Battery, the Stamina® Battery Power Management System helps the camcorder prolong battery life for extra long continuous recording times from a single charge.⁷
- Battery Information
At the touch of a button, battery information is displayed on the LCD screen when charging and when the camcorder is turned off. When using the LCD screen or viewfinder, the display will show how much the battery is charged -- in 10% increments -- and the recordable time left.
- Fader Effects
Enhance your personal videos by adding professional looking fader effects. Choose from Black and White.
- 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: Monotone, Pastel and Sepia. Effects available in Playback mode: Monotone, Pastel and Sepia.

ADDITIONAL FEATURES

- Face Index
- Film Roll Index
- Manual Focus
- One Touch Disc Burn
- On Screen Zoom and Record Buttons
- Progressive Shutter System
- Super NightShot® Infrared System
- Multi-Language Menu



MEMORY STICK PRO DUO



DCR-SR45

Hard Disk Drive Handycam® camcorder

Specifications

General

Imaging Device: 1/8" Advanced HAD™ CCD Imager

Pixel Gross: 680k

Recording Media: 30GB⁸ Non-Removable Hard Disk Drive, Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media

Recording and Playback Times:

Approximately - HQ: 7 hours, SP: 10 hours, LP 20 hours When using 8GB Memory Stick PRO Duo™ Media (sold separately): Standard Definition: HQ = up to 115 min., SP = up to 170 min., LP = up to 325 min.

Video Actual: 340K Pixels (4:3), 410K Pixels (16:9)

Still Actual: 340K Pixels (4:3), 250K Pixels (16:9)

Processor: N/A

Video Resolution: 720 x 480

Still Picture Resolution: 640x480 (VGA)

Audio

Audio Format: Dolby® Digital 2 channel

Convenience

USB Streaming: N/A

SteadyShot® Image Stabilization: S-SS

White Balance: Auto, Outdoor, Indoor, One-push (touch panel)

Memory Stick PRO™ Media Compatibility: Tested to support up to 8GB media capacity; does not support high speed transfer function; does not support Access Control security function.

Still Image Mode(s): JPEG

Minimum Illumination: 6 lux (Auto Slow Shutter ON, 1/30 Shutter Speed)

Face Detection: N/A

Hybrid: Yes

Hybrid Plus: N/A

Quick On: Yes

BRAVIA® Sync™ : N/A

Dual Record: N/A

Convenience Features

Easy Operation: Yes

Multiple Language Display: Yes

Slide Show Mode: Yes

Scene Mode(s): Auto, Twilight, Candle (movie only), Sunrise & Sunset, Fireworks (movie only), Landscape, Portrait, Spotlight, Sports (movie only), Beach, Snow

Picture Effect(s): Monotone, Sepia, Pastel

Digital Picture Effect(s): Old Movie

PictBridge Compatible: Yes

Dynamic Range Optimizer: N/A

Low Light Capability: S-NS plus

Fader Effect(s): Black, White

Face Index: Yes

Film Roll Index: Yes

Photo Capture from Movie: Yes

Dubbing Button: Yes

PhotoTVHD: N/A

x.v.Color™ : N/A

Video

Video Signal System: NTSC color, EIA standards

Format(s) Supported: SD (MPEG2)

Inputs and Outputs

LANC Terminal: Accessible via A/V Remote Terminal

Analog Audio/Video Output(s): Included (via A/V Remote Terminal)

Digital Audio/Video Output(s): N/A

USB Port(s): Hi-speed (2.0 compliant)

i.LINK® Interface: N/A

Component Video (Y/Pb/Pr) Output(s): N/A

Headphone Jack: N/A

Microphone Input: N/A

S-Video Output(s): Included in A/V Remote

HDMI™ Connection Output(s): N/A

Audio/Video Remote Terminal: Video/S Video/Audio/LANC

Active Interface Shoe: N/A

Display

LCD Screen: 2.7" wide¹ (16:9) touch panel LCD display

Hardware

Viewfinder: N/A

Microphone: Built-in Zoom Microphone

Flash: N/A

Memory Stick slot: Memory Stick PRO Duo™ Media

Manual / Auto Lens Cover: Manual

Assignable Dial: N/A

S/S & Zoom button on LCD: Yes

Optics/Lens

35mm Equivalent: 48 - 1920mm (4:3 Camera Mode), 41 - 1640mm (16:9 Camera Mode)

Aperture: F1.8 - 4.1

Exposure: Touch Panel

Filter Diameter: 30mm

Focal Distance: 1.9 - 76mm

Focus: Full range auto / Manual (Touch Panel)

Progressive Shutter Mode: No

Shutter Speed: Auto, 1/30 - 1/250 (Scene Selection Mode)

Optical Zoom: 40x

Digital Zoom: 2000x

Lens Type: Carl Zeiss® Vario-Tessar®

Power

Power Consumption: 2.8W (VF/LCD)

Battery Type: InfoLITHIUM® with AccuPower™ Meter System (NP-FH40)

Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Service and Warranty Information

Limited Warranty: Limited Warranty --- 1 Year Parts; 90 Days Labor

Software

Operating System Compatibility: Microsoft® Windows® 2000 Professional, XP Home, XP Professional, Windows Vista

Supplied Software: Picture Motion Browser Ver.3.0.00

Dimensions

Weight: 14 oz (400g) with Battery

Measurements: 3 x 3 1/8 x 4 1/2 inch (76.3 x 76.6 x112.8mm)

Supplied Accessories

Power Adapter/In-Camera Charger (AC-L200)

InfoLITHIUM® Rechargeable Battery (NP-FH40)

Multi A/V Cable (Stereo)

USB Cable

Application CD-ROM w/ Driver

Enjoy Handycam DVD

Optional Accessories

Rechargeable InfoLITHIUM® Batteries (NP-FH50/FH70/FH100)

AC-VQH10 AC Adaptor/Charger for H series batteries

LCS-X30 Soft Carrying Case

VCT-60AV remote tripod

SPK-HCD sports pack

UPC Code: 027242728226



1. Viewable area measured diagonally.
2. Camcorder captures high definition footage in the AVCHD™ format. Using the enclosed PC software, high definition footage can be copied onto DVD media. However, DVD media containing AVCHD footage should not be used with DVD based players or recorders, as the DVD player/recorder may fail to eject the media and may erase its contents without warning. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder or other compatible device.
3. DVD media/formats are not universally compatible.
4. HD viewing requires a Sony HD connector cable or HD Cyber-shot Station® cradle and HDTV. All sold separately.
5. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE1394 connection. The i.LINK connection may vary depending on the software applications, operating system and compatible i.LINK devices. All products with an i.LINK connection may not communicate with each other.
6. Not all products with USB connectors may communicate with each other due to chipset variations.
7. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
8. Compatible BRAVIA® HDTV and special TV settings are required. Further details are available in the BRAVIA® TV instruction manual.
9. 30GB means 30 billion bytes. Available storage capacity may vary and a portion of the memory is used for data management functions.
10. Requires BRAVIA Sync feature in each product. Please refer to owner's manual to determine compatibility.

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 Features and specifications subject to change without notice. Non-metric weights and measures are approximate and may vary.
 Screen Images Simulated

Please visit the Dealer Network for more information at
www.sony.com/dn

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