

The DCR-SR45 features the option to store your video and still images on either its 30GB⁹ hard disk drive or Memory Stick PRO Duo™ media. The high-power 40x optical/2000x digital zoom gets you close to the action, while the professional-quality Carl Zeiss® Vario-Tessar® Lens and Super SteadyShot® image stabilization keep everything crisp and clear.

- 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
 Accessory Shoe: N/A
 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
 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
 x.v.Color™ : N/A
 BRAVIA® Sync™ : N/A

Video

Format(s) Supported: SD (MPEG2)
 Video Signal: NTSC color, EIA standards

Video Features

PhotoTV HD: N/A

Inputs and Outputs

Analog Audio/Video Output(s): Included (via A/V Remote Terminal)
 USB Port(s): Hi-speed (2.0 compliant)
 S-Video Output(s): Available via A/V Remote (cable not included)

Audio/Video Remote Terminal: Yes

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 Term: 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 (76.3x76.6x112.8mm)

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
 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 IEEE 1394 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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 Screen Images Simulated

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