

Never Miss Another Recording Moment

Capture every lasting memory with Sony's Hard Disk Drive (HDD) Handycam® series. Each HDD Handycam® camcorder comes equipped with a spacious 30GB, 40GB or 60GB built-in Hard Disk Drive, giving you ample room to record detailed high quality video. Add in 5.1ch. Surround Sound Recording, HDD Smart Protection to protect your data and easy back-up and editing functions, and you have the powers of a full recording studio designed to fit snugly into the palm of your hand.



DCR-SR300

- ▶ 40GB Hard Disk Drive with HDD Smart Protection
- ▶ 1/2.9" ClearVid™ CMOS Sensor
- ▶ Enhanced Imaging Processor
- ▶ 6.1 Mega Pixels Still Image Capture
- ▶ Carl Zeiss Vario-Sonnar T* Lens
- ▶ Super SteadyShot (Optical)
- ▶ Smooth Slow Rec with Audio
- ▶ Dual Rec (4.6 Mega Pixels Still Image Capture)
- ▶ Dolby Digital 5.1 Creator
- ▶ 2.7" Wide Hybrid Clear Photo LCD Plus



DCR-SR200

- ▶ 40GB Hard Disk Drive with HDD Smart Protection
- ▶ 1/3" ClearVid™ CMOS Sensor
- ▶ Enhanced Imaging Processor
- ▶ 4.0 Mega Pixels Still Image Capture
- ▶ Carl Zeiss Vario-Sonnar T* Lens
- ▶ Smooth Slow Rec with Audio
- ▶ Dual Rec (2.3 Mega Pixels Still Image Capture)
- ▶ Dolby Digital 5.1 Creator
- ▶ 2.7" Wide Hybrid Clear Photo LCD Plus



DCR-SR82

- ▶ 60GB Hard Disk Drive with HDD Smart Protection
- ▶ 1/6" 1.07 Mega Pixels CCD
- ▶ Mega Pixel Engine
- ▶ Carl Zeiss Vario-Tessar Lens
- ▶ 25x Optical / 2000x Digital Zoom
- ▶ 2.7" Wide Hybrid LCD Screen



DCR-SR62

- ▶ 30GB Hard Disk Drive with HDD Smart Protection
- ▶ 1/6" 1.07 Mega Pixels CCD
- ▶ Mega Pixel Engine
- ▶ Carl Zeiss Vario-Tessar Lens
- ▶ 25x Optical / 2000x Digital Zoom
- ▶ 2.7" Wide Hybrid LCD Screen



DCR-SR42

- ▶ 30GB Hard Disk Drive with HDD Smart Protection
- ▶ 1/6" 800K (PAL) / 680K (NTSC) CCD
- ▶ Carl Zeiss Vario-Tessar Lens
- ▶ 40x Optical / 2000x Digital Zoom
- ▶ Long Lasting Stamina (10 Hours)
- ▶ 2.5" LCD Screen



Enjoy the Benefits of Recording onto Hard Disk Drive

Take advantage of recording onto Hard Disk Drive with these exclusive benefits from Sony! With longer recording times, a more compact design and innovative software features, you can get the most enjoyment from every video and still image.

HDD Smart Protection



Never miss another moment with 3 unique features that protect your memories and maximise usage.

Shock Absorber

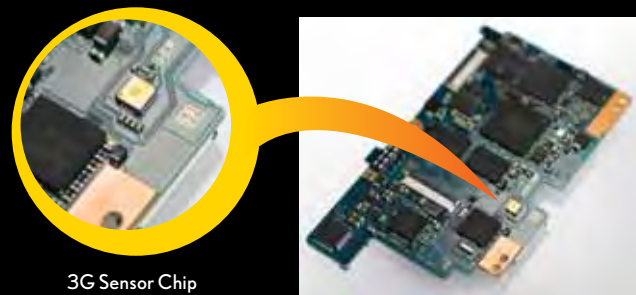
A uniquely shaped Shock Absorber wraps around the top and bottom of the Hard Disk Drive, protecting it from any shocks and increasing the reliability of the disk.



Unique Shock Absorber and interior design protects the HDD from shocks.

3G Sensor

The 3G Sensor helps protect the data from being damaged or corrupted should the Handycam® be accidentally dropped. If the sensor detects a drop level of more than 15cm, it automatically shuts off power to the Hard Disk Drive and instantly retracts the write head to prevent damages to the disk.



3G Sensor Chip

Video Stream Buffering

During recording, the video data stream is temporarily stored in a "drop stream buffer". In the event that the HDD Handycam® is dropped in the middle of recording, the 3G Sensor stops the Hard Disk Drive from recording and only resumes once the camcorder is stabilised. The data stored in the buffer is then transferred to the Hard Disk Drive for recording once the drop-detection is cleared.



3G Sensor detects fall. Write-head retracts.

Video data is saved in the buffer memory until the HDD recovers from fall.

Recording and storage onto the HDD resumes once camcorder is stabilised.



Once the 3G Sensor detects a fall, the write-head is retracted instantly.

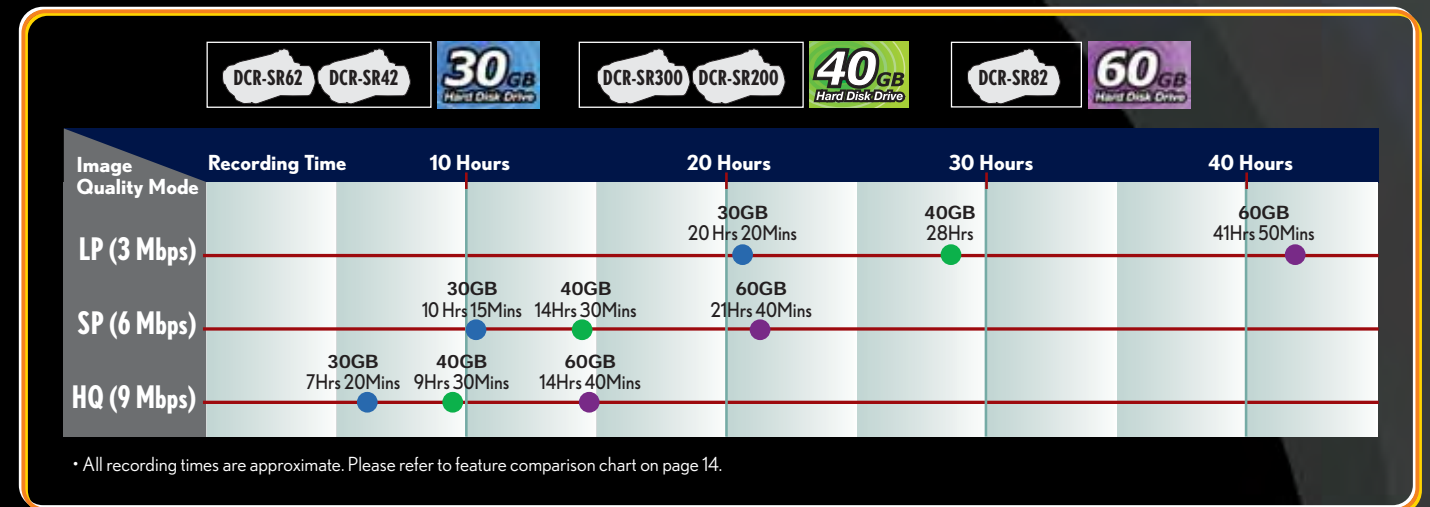
Once the 3G Sensor detects no more movement, recording resumes.

- HDD Smart Protection does not guarantee against HDD damage in all dropping situations.
- In any cases where it takes a long time before drop-detection is cleared, such as when the camcorder is dropped several times continually, the power might be turned off.

Larger Capacity HDD & Variable Bit Rate

Longer Recording Times

With an expansive 30GB, 40GB or 60GB Hard Disk Drive, you can now record longer videos than ever before possible. Capture up to 14 hours and 40 minutes of high quality video (HQ 9 Mbps) or up to 41 hours and 50 minutes (LP 3Mbps) on the DCR-SR82's 60GB HDD. This means you can virtually not worry about the capacity, leaving you free to record as many movies and photos as you wish.



Efficient use of HDD Space for Beautiful Images

More efficient use of storage space is achieved with Variable Bit Rate (VBR) recording, which automatically controls the bit rate according to the movement speed of the scene recorded. This enables a more efficient use of the HDD space and effectively prevents block noise for enhanced picture quality.



Without Variable Bit Rate



With Variable Bit Rate

Overwrite Safe

Just like the Hard Disk Drive on a PC, the Handycam® automatically finds available space on the disk when recording so there's no danger of overwriting your precious visual treasures.

Dividing a Movie

The movie divide function lets you split your videos into separate sections for easier editing directly on your Handycam® camcorder. This also allows you to immediately remove unwanted segments of video footage from your recordings.

Easy Deletion of Scenes

The HDD storage system on the SR series works just like on a PC, so it will be familiar to most users. Unwanted scenes can easily be deleted to free up more space for new scenes.

Visual Index & Date Index



Due to an ample capacity HDD, the recorded content can grow to an enormous amount. When playing back, the Visual Index function displays recorded contents as thumbnails, so that you can locate the movies and images you want. By using the Date Index function, the contents can be searched by date to find the specific scene easily as well.



Easily review specific scenes with the Visual Index.



Browse scenes taken on a certain date with the Date Index.

Remarkable Detail for Videos and Still Images

Let the highly powerful ClearVid™ CMOS Sensor and Enhanced Imaging Processor deliver new levels of detail to your videos and still images. In addition, you can now capture stunning still images of up to 6.1 Mega Pixels on your Handycam® camcorder!

ClearVid™ CMOS Sensor

(For DCR-SR300 and DCR-SR200 only)

The ClearVid™ CMOS Sensor is an integral component of Sony's latest high-end Handycam® models. This revolutionary image sensor captures a huge amount of pixel data, giving you high resolution, wide colour range, smear-free images and higher light sensitivity with lower power use.



Enhanced Imaging Processor

(For DCR-SR300 and DCR-SR200 only)

Another essential part of Sony's imaging technologies is the Enhanced Imaging Processor. Using a unique algorithm, all image information captured by the ClearVid™ CMOS Sensor is processed at high speed, bringing you stunning movies and still images in higher resolution and sensitivity.



ClearVid™ CMOS Sensor and Enhanced Imaging Processor combine to give you these advantages over other image sensors:

- 1. WIDER DYNAMIC RANGE** delivers richer colours.
- 2. SMEAR-FREE IMAGES** let you shoot easily in bright conditions.
- 3. HIGH SENSITIVITY AND LOW NOISE** ensure your images capture every detail.
- 4. LOW POWER CONSUMPTION** for longer recording hours.
- 5. ADVANCED HIGH-SPEED DATA READING** for flexible recording options.

6.1 Mega Pixels / 4.0 Mega Pixels High Resolution Still Image Capture

(6.1 Mega Pixels for DCR-SR300 and 4.0 Mega Pixels for DCR-SR200 only)

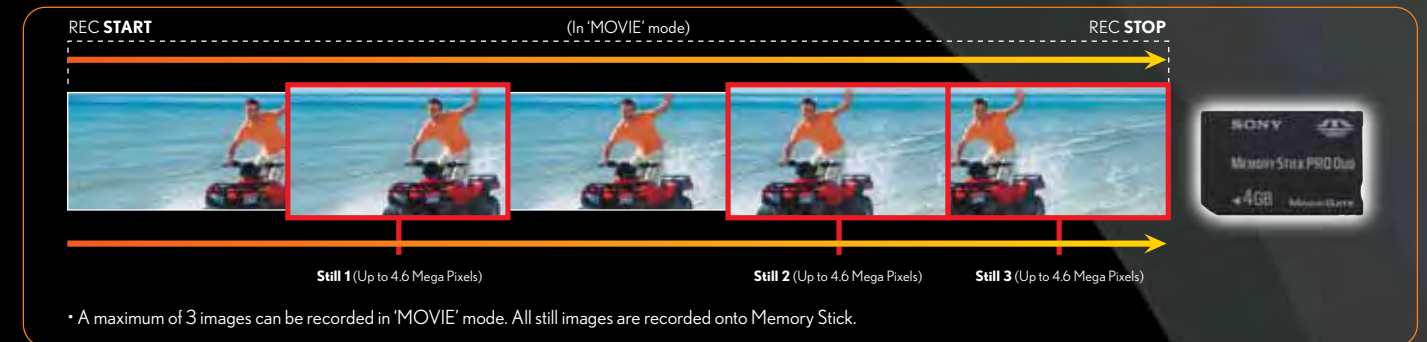
With the powerful combination of the ClearVid™ CMOS Sensor and Enhanced Imaging Processor, DCR-SR300 and DCR-200 are capable of recording images with up to 6.1 / 4.0 Mega Pixels resolution. This ensures exceptional image quality of each photo taken.



Dual Rec

(4.6 Mega Pixels for DCR-SR300 and 2.3 Mega Pixels for DCR-SR200 only)

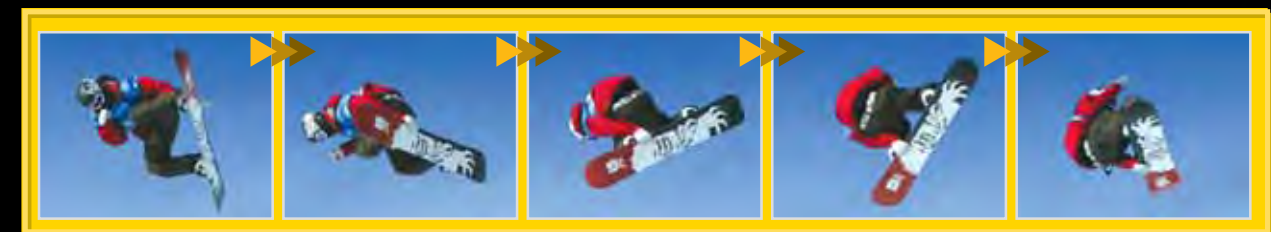
This function allows you to capture beautiful still images onto Memory Stick™ even during video recording. Other conventional image sensors could not offer this quality of still image recording in this mode.



Smooth Slow Rec with Audio Recording

(For DCR-SR300 and DCR-SR200 only)

The ability to capture video and audio at four times the normal recording speed means quick motions too fast for human recognition can now be recorded and experienced in smooth slow motion. This allows you to capture dramatic events such as the rush of a snowboarder gliding against the cool mountain. A single 3 seconds of video recorded can then be played back in smooth slow motion as a 12 second video recording.



- The picture quality for images taken in Smooth Slow Rec mode is reduced compared to images taken in normal video mode.
- There is no vibration correction while taking movies in this mode.

Super SteadyShot (Optical)

(For DCR-SR300 only)

With the Optical Active Lens Method, Super SteadyShot (Optical) uses a sensor to detect camera shake and a lens that is controlled to compensate for any vibration during shooting. This optical method efficiently reduces camera-shake blur, allowing you to enjoy stable recording and superior image quality for both videos and still images without loss of data quality obtained through the lens and with less distortion.



- DCR-SR200, DCR-SR82, DCR-SR62 and DCR-SR42 are equipped with Electronic Super SteadyShot.

Carl Zeiss Lens



Carl Zeiss lenses are well known worldwide for their high detail, excellent colour quality and sharp contrast. Within each Handycam® camcorder is a Carl Zeiss® lens assuring you of the highest quality imaging possible.

Vario-Tessar

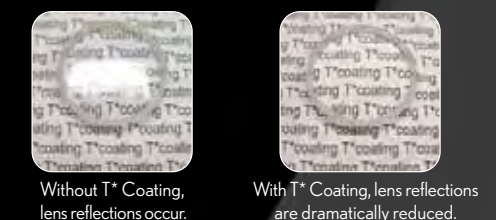
(For DCR-SR82, DCR-SR62 and DCR-SR42 only)

Expect nothing less than high-resolution, high-contrast and outstanding colour reproduction while capturing true-to-life images from this world-renowned lens.

Vario-Sonnar T*

(For DCR-SR300 and DCR-SR200 only)

Enjoy high-resolution images with superior contrast and true-to-life colours. This professional, high-precision lens uses an advanced multi-layer coating to reduce unwanted lens flares and image ghosting.



Enhance your Videos with Surround Sound Recording

Embrace new depths of immersiveness as Dolby® Digital 5.1 Creator captures sounds from all directions to create a rich and detailed Surround Sound environment. Enjoying cinema quality videos is now made easy!

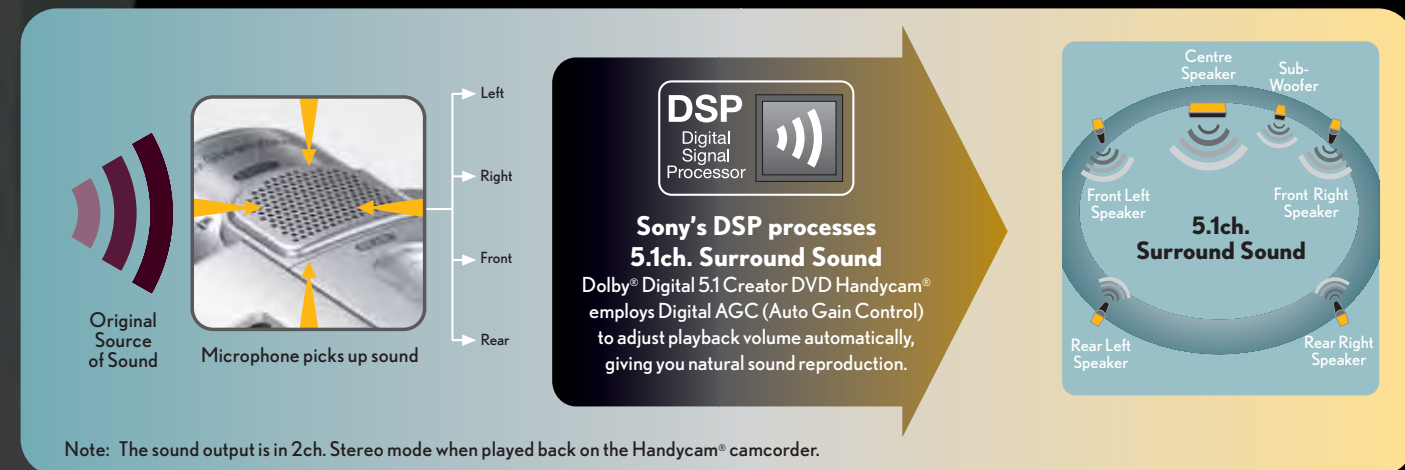


DCR-SR300

DCR-SR200

Dolby® Digital 5.1 Creator

To help you recreate the actual sounds you heard while recording, Sony's HDD Handycam® camcorders are equipped with Dolby® Digital 5.1 Creator to capture audio from all directions and encode it in real-time to create 5.1ch. Surround Sound. This means you can sit back and enjoy a cinematic theatre experience right in the comfort of your living room.



Record Words and Voices Clearly from a Distance with the Optional Wireless Microphone (ECM-HW1)

Incorporating Bluetooth™ wireless technology, the optional wireless microphone ECM-HW1 allows you to record high quality sound on your HDD Handycam® from up to 30m away. In addition, the 5.1ch. Centre Mic Ready function combines with the built-in microphone to record the front-centre channel, vividly enhancing the 5.1ch. Surround Sound experience.



Secure the ECM-HW1 wireless microphone transmitter unit to the subject.



Attach the ECM-HW1 receiver base unit to the Handycam®.

Edit and Share your Personalised Creations With Ease

Enjoy the editing and publishing possibilities made available to you from these powerful software and connectivity solutions. With the included Picture Motion Browser Software application, you can easily create your own personalised creations to share with friends and loved ones.

Picture Motion Browser Software

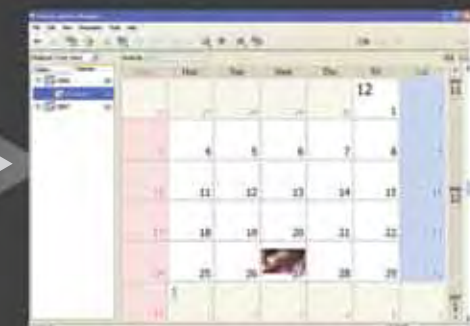
Picture Motion Browser is a supplied software application that lets you perform a variety of functions:

1 Importing:



- It is possible to import videos to your PC's hard drive and save them to your viewed folder.

2 Browsing and Organising:



- Browse and organize your images and videos in either Folder View or easy-to-track Calendar View with thumbnails sorted by Year, Month or Hour, as you prefer.

4 Authoring:



- Enables you to create discs by selecting videos to be imported to your PC.
- You can choose also to rearrange the order of the scenes and create your own DVD video with a menu of the contents.

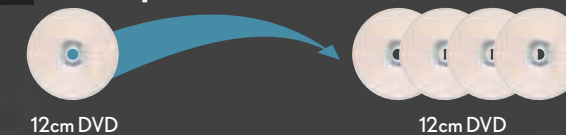
3 Editing:



Browse Still Images

- This function lets you edit out unnecessary recorded video sections and keep only the video you want.
- You can also extract and save still images from the recorded footages.

5 Disc Copier:



12cm DVD

12cm DVD

You can make multiple copies of your original DVD.

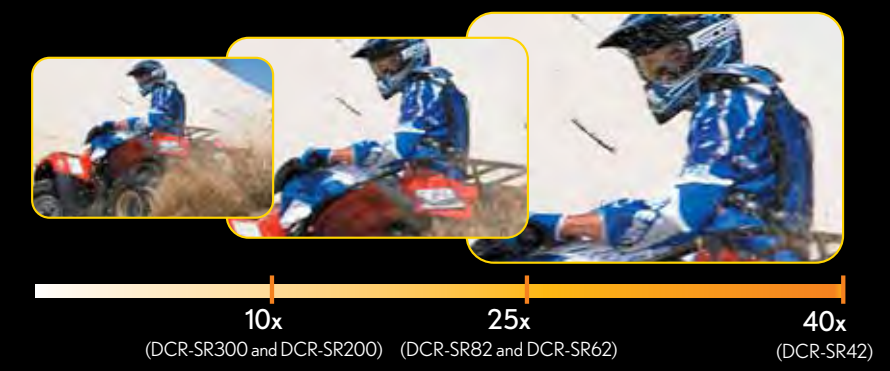


Direct your Shooting with Easy-to-Use Features

Have fun directing your videos and still images with a variety of easy-to-use recording features. Ensure that every shot is picture perfect or even add a special effect to give your creations a more exciting touch.

Optical and Digital Zoom

The powerful Optical Zoom capability allows you to focus tighter on your subject with no loss of image quality. Furthermore, with Digital Zoom you can greatly enlarge the image even further to view every detail.



Handycam® Station with One Touch Disc Burn Button

Connect your Handycam® to a wide range of devices with the innovative Handycam® Station supplied. Simply place your Handycam® onto the cradle and you can playback your movies on almost any PC or TV while recharging your battery automatically. Additionally, by using the One Touch Disc Burn button, it is possible to create a DVD Disc via the high speed USB 2.0 connection to the PC with a single button push.



Push the One Touch Disc Burn Button on Handycam® Station.



The PC seamlessly archives the data onto DVD Disc.



Data is transferred to the PC via the USB 2.0 connection.

Easy PC Back-up

This feature allows your PC to automatically detect and transfer all data files that were shot since the last time an Easy PC Back-up was performed.

Memory Stick Duo™ Slot

The built-in Memory Stick Duo™ slot gives you the flexibility of saving your images onto a Memory Stick™ and then sharing them across a wide range of devices.



USB 2.0 (High Speed)

Using the USB cable to connect the camcorder to the PC, it is possible to transfer recorded footage to the PC's Hard Disk Drive at high speed. In this way, playback, editing and creation of DVDs is fast and easy.

PictBridge™

You can now print pictures by connecting your Handycam® directly to a PictBridge™ compliant printer such as the Sony Digital Photo Printer DPP-FP55 via a USB cable without using a PC anymore. You can also select the image and number of copies to be printed, plus check the print status on the LCD display.



2.7" WIDE Hybrid Clear Photo LCD Plus

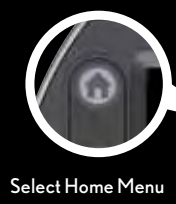
(For DCR-SR300 and DCR-SR200 only. DCR-SR82 and DCR-SR62 are equipped with a 2.7" WIDE Hybrid LCD Screen and DCR-SR42 is equipped with a 2.5" LCD Screen.)

This display offers higher resolution with colour reproduction and contrast that is 1.6 times better than previous LCDs. You are assured of a sharper image during playback. It is easier than ever to confirm your subject, compose the shot and focus when shooting outdoors.



New Graphical User Interface (GUI)

Each HDD Handycam® model features a new GUI with easy-to-use Home and Option Menus. The Home Menu is your portal for browsing all available functions while the Option Menu intelligently displays functions matching your current shooting situation, such as customised functions for shooting or playing back footage.



Select Home Menu



Record Start/Stop and Zoom Buttons on LCD Frame

Start and stop recording simply by pushing a button on the LCD frame, for easy shooting from any angle. Zooming can also be controlled through the Zoom buttons on the LCD frame.



Touch Panel

Browsing the menu and activating the user-friendly Handycam® features is made simple with the intuitive touch panel.



Tele Macro

Take dramatic close-ups with this powerful feature. Capture small or distant subjects easily, blurring out backgrounds to make your subject stand out more. Since the subject is actually being shot at a distance, neither you nor the camcorder will cast any shadow on the subject.



Without Tele Macro



With Tele Macro

Colour Slow Shutter



When the light is low and you want to capture night views, the Colour Slow Shutter comes into play with automatic adjustment of shutter speed. Clear images can be captured in low light situations.



Without Colour Slow Shutter



With Colour Slow Shutter

Super NightShot Plus



(For DCR-SR82, DCR-SR62 and DCR-SR42 only. DCR-SR300 and DCR-SR200 are equipped with Super NightShot.)

With Super NightShot Plus (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 colour common with other low-light recording systems.



Without Super NightShot Plus



With Super NightShot Plus

* Images taken in the NightShot modes cannot have the colours reproduced correctly.

Picture Effects

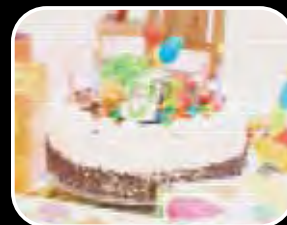
Picture effect adds special effects during recording. Depending on the model or mode, Picture Effect is also available at playback mode. The following picture effects are available:



Sepia
Picture appears in sepia colouring.



Pastel
Picture appears as a pale pastel drawing.



Mosaic
Picture appears colourfully mosaic-patterned.



Black & White
Picture appears in conventional black and white.

Digital Effects

Digital effect provides a special touch to the video. Depending on the model or mode, Digital Effect is available at playback mode.

Luminance Key

Imports a pre-recorded still image to a video. (The memorised image disappears when the power is turned off.)

Old Movie

This is a combination of Slow Shutter, Sepia of Picture Effect and 16:9 Wide mode. It can create the atmosphere of an old movie.

Active Interface Shoe



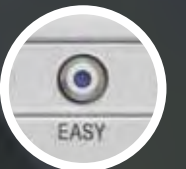
(For DCR-SR300, DCR-SR200, DCR-SR82 and DCR-SR62 only.)

No wiring connections are required when using the Active Interface Shoe. An accessory placed on the shoe can be controlled directly by the Handycam® camcorder. The Active Interface Shoe is now much more compact and stylish with a redesigned connection interface.

Easy Handycam®



With a simple press of the "Easy" button, all your Handycam® settings excluding the advanced functions will be set automatically, making operation simple even for first-time users. In addition, the font size will also be increased for easy viewing.



Long Lasting Stamina



With the new ActiFORCE H Series InfoLITHIUM™ battery, you'll be able to enjoy up to 10 hours of continuous video recording* in a single charge and never have to worry about missing any important moments again.

* Please refer to specifications on page 16 for recording time details for each Handycam® and battery model.

ActiFORCE™ InfoLITHIUM™ H SERIES



NP-FH50



NP-FH70



NP-FH100



Battery Info



Even when the camcorder is turned off, Sony's unique InfoLITHIUM™ technology can conveniently indicate the remaining battery life and the possible recording time in minutes on the LCD Screen when you press the Battery Info button.

Feature Comparison

MODEL	DCR-SR300	DCR-SR200	DCR-SR82	DCR-SR62	DCR-SR42
Hard Disk Drive Capacity	40GB	40GB	60GB	30GB	30GB
Video Recording Time (Approx.)	MPEG-2: • LP (3Mbps): 28hrs • SP (6Mbps): 14hrs 30mins • HQ (9Mbps): 9hrs 30mins	MPEG-2: • LP (3Mbps): 28hrs • SP (6Mbps): 14hrs 30mins • HQ (9Mbps): 9hrs 30mins	MPEG-2: • LP (3Mbps): 41hrs 50mins • SP (6Mbps): 21hrs 40mins • HQ (9Mbps): 14hrs 40mins	MPEG-2: • LP (3Mbps): 20hrs 20mins • SP (6Mbps): 10hrs 50mins • HQ (9Mbps): 7hrs 20mins	MPEG-2: • LP (3Mbps): 20hrs 20mins • SP (6Mbps): 10hrs 50mins • HQ (9Mbps): 7hrs 20mins
Image Sensor Type	1/2.9" ClearVid™ CMOS Sensor	1/3" ClearVid™ CMOS Sensor	1/6" 1.07 Mega Pixels CCD	1/6" 1.07 Mega Pixels CCD	1/6" 800K (PAL) / 680K (NTSC) CCD
Image Processor	Enhanced Imaging Processor	Enhanced Imaging Processor	Mega Pixel Engine	Mega Pixel Engine	
Audio Format	Dolby® Digital 5.1 Creator (5.1ch.)	Dolby® Digital 5.1 Creator (5.1ch.)	Stereo (2ch.)	Stereo (2ch.)	Stereo (2ch.)
Carl Zeiss® Lens / Filter Diameter	Vario-Sonnar T* / 37mm Filter Diameter	Vario-Sonnar T* / 37mm Filter Diameter	Vario-Tessar / 30mm Filter Diameter	Vario-Tessar / 30mm Filter Diameter	Vario-Tessar / 30mm Filter Diameter
Optical / Digital Zoom	10x / 20x	10x / 80x	25x / 2000x	25x / 2000x	40x / 2000x
Maximum Still Image Resolution	6.1 Mega Pixels (2848 x 2136 Pixels / 4:3)	4.0 Mega Pixels (2304 x 1728 Pixels / 4:3)	1.0 Mega Pixels (1152 x 864)	1.0 Mega Pixels (1152 x 864)	VGA (640 x 480)
Dual Rec. Image Resolution	4.6 Mega Pixels (2848 x 1602 Pixels / 16:9) 3.4 Mega Pixels (2136 x 1602 Pixels / 4:3)	2.3 Mega Pixels (2016 x 1134 Pixels / 16:9) 1.7 Mega Pixels (1512 x 1134 Pixels / 4:3)			
Smooth Slow Rec	Yes (3secs) with Audio Recording	Yes (3secs) with Audio Recording			
LCD Screen Size and Type	2.7" (Wide 16:9) Clear Photo LCD Plus with Touch Panel	2.7" (Wide 16:9) Clear Photo LCD Plus with Touch Panel	2.7" (Wide 16:9) Hybrid LCD with Touch Panel	2.7" (Wide 16:9) Hybrid LCD with Touch Panel	2.5" (4:3) LCD with Touch Panel
Start / Stop & Zoom Buttons on LCD Frame	Yes	Yes	Yes	Yes	Yes
High Quality 16:9 Widescreen Recording	Yes	Yes	Yes	Yes	
Super SteadyShot Mode	Optical	Electronic	Electronic	Electronic	Electronic
Super NightShot Mode	Super NightShot	Super NightShot	Super NightShot Plus	Super NightShot Plus	Super NightShot Plus
Intelligent Flash	Yes	Yes			
Auto Lens Cover	Yes	Yes			
Colour Slow Shutter	Yes	Yes	Yes	Yes	Yes
Easy Handycam®	Yes	Yes	Yes	Yes	Yes
Visual Index	Yes	Yes	Yes	Yes	Yes
Handycam Station with One Touch Disc Burn Button	Yes	Yes	Yes	Yes	Yes
Memory Stick Duo™ Slot	Yes	Yes	Yes	Yes	Yes
USB Terminal	USB 2.0 (High Speed)	USB 2.0 (High Speed)	USB 2.0 (High Speed)	USB 2.0 (High Speed)	USB 2.0 (High Speed)
PictBridge™	Yes	Yes	Yes	Yes	Yes
Active Interface Shoe	Yes	Yes	Yes	Yes	
Dimensions (WxHxD)	76x78x149 mm	76x78x149 mm	73x72x115 mm	73x72x115 mm	73x72x115 mm
Mass (w/o Tape, Battery, etc.)	480g	455g	360g	350g	335g

Enhance Your Shooting Experience

Get more out of your HDD Handycam® with these power and shooting accessories. Insist on genuine Sony accessories for quality assurance and the best compatibility with your HDD Handycam®. Don't take risks with inferior third party products that may damage your camcorder.



BATTERIES & CHARGERS

Don't miss a shooting chance. Always keep a spare battery handy. A quick charger efficiently recharges your battery fast so you will never miss shooting a precious moment.



ACCESSORY KITS

Start off with these convenient recommended accessories. Get better saving from these value kits than buying each accessory separately.



SPORTS PACK

For fun in the pool, at the beach or in the snowy alps, Sports Pack shields your camera from the elements.



BAGS AND CASES

Pick from a variety of soft cases that provide protection from the elements. Larger bags are great for packing in additional accessories, while just-fit cases are more compact.

SOFT CARRYING CASES



OPTICAL ACCESSORIES

Extend the optical capability of the built-in lenses with additional conversion lenses and filters. Add conversion lenses to broaden the view or to draw in the action.

WIDE CONVERSION LENS



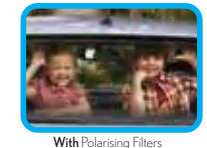
TELE CONVERSION LENS



FILTERS

Correct unwanted reflections and brightness with glass filters.

POLARISING FILTERS



NEUTRAL DENSITY FILTERS



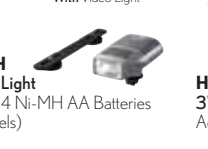
TRIPODS

Prop up your camcorder for steady and smooth pans.



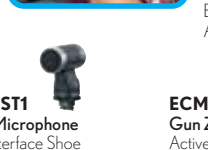
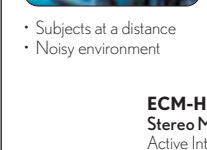
LIGHTS

Capture all the sights and sounds. Illuminate dark shooting environments with additional video lights.



MICROPHONES

Improve your sound pickup with these microphones.



MEMORY STICK™

Your Handycam can double as a still camera. Store your still shots in your Memory Stick PRO Duo™.



* For DCR-SR82, DCR-SR62 and DCR-SR42 * For DCR-SR300 and DCR-SR200

Not all accessories are available in all countries. Please check with your local dealers.