

# Feature Comparison

						
MODEL	HDR-UX7	HDR-UX5	HDR-SR1	HDR-HC7	HDR-HC5	HDR-FX7
HD Recording Format	AVCHD (1440 x 1080)	AVCHD (1440 x 1080)	AVCHD (1440 x 1080)	HDV (1440 x 1080)	HDV (1440 x 1080)	HDV (1440 x 1080)
HD Video Codec	MPEG-4 AVC / H.264	MPEG-4 AVC / H.264	MPEG-4 AVC / H.264	MPEG-2	MPEG-2	MPEG-2
Media Storage Type	8cm DVD (DVD+R DL / DVD+RW / DVD-RW / DVD-R)	8cm DVD (DVD+R DL / DVD+RW / DVD-RW / DVD-R)	30GB Hard Disk Drive	MiniDV / HDV Tape	MiniDV / HDV Tape	MiniDV / HDV Tape
Recording Mode and Approx. Duration	<b>HD (AVCHD) with 8cm DVD+R DL Disc:</b> • LP (5Mbps): 60mins • SP (7Mbps): 45mins • HQ (9Mbps): 35mins • HQ+ (12Mbps): 27mins <b>SD (MPEG-2) with 8cm DVD+R DL Disc:</b> • LP (3Mbps): 110mins • SP (6Mbps): 55mins • HQ (9Mbps): 35mins	<b>HD (AVCHD) with 8cm DVD+R DL Disc:</b> • LP (5Mbps): 60mins • SP (7Mbps): 45mins • HQ (9Mbps): 35mins • HQ+ (12Mbps): 27mins <b>SD (MPEG-2) with 8cm DVD+R DL Disc:</b> • LP (3Mbps): 110mins • SP (6Mbps): 55mins • HQ (9Mbps): 35mins	<b>HD (AVCHD) with 30GB Hard Disk Drive:</b> • LP (5Mbps): 11hrs • SP (7Mbps): 8hrs 30mins • HQ (9Mbps): 7hrs • XP (15Mbps): 4hrs <b>SD (MPEG-2) with 30GB Hard Disk Drive:</b> • LP (3Mbps): 20hrs 50mins • SP (6Mbps): 10hrs 50mins • HQ (9Mbps): 7hrs 20mins	<b>HD (MPEG-2) with 60min MiniDV Tape:</b> • HDV (25Mbps): 60mins	<b>HD (MPEG-2) with 60min MiniDV Tape:</b> • HDV (25Mbps): 60mins	<b>HD (MPEG-2) with 60min MiniDV Tape:</b> • HDV (25Mbps): 60mins
Image Sensor Type	1/2.9" ClearVid™ CMOS Sensor	1/3" ClearVid™ CMOS Sensor	1/3" ClearVid™ CMOS Sensor	1/2.9" ClearVid™ CMOS Sensor	1/3" ClearVid™ CMOS Sensor	3x1/4" ClearVid™ CMOS Sensor Imaging System
Enhanced Imaging Processor	Yes	Yes	Yes	Yes	Yes	Yes
Audio Format	Dolby® Digital 5.1 Creator (5.1ch.)	Dolby® Digital 5.1 Creator (5.1ch.)	Dolby® Digital 5.1 Creator (5.1ch.)	Stereo (2ch.)	Stereo (2ch.)	Stereo (2ch.)
Carl Zeiss® Lens	Vario-Sonnar T*	Vario-Sonnar T*	Vario-Sonnar T*	Vario-Sonnar T*	Vario-Sonnar T*	Vario-Sonnar T* (with Extra Low Dispersion Glass)
Optical / Digital Zoom	10x / 20x	10x / 80x	10x / 80x	10x / 20x	10x / 80x	20x / -
x.v.Colour	Yes	Yes	-	Yes	Yes	-
Maximum Still Image Resolution	6.1 Mega Pixels (2848 x 2136 Pixels / 4:3)	4.0 Mega Pixels (2304 x 1728 Pixels / 4:3)	4.0 Mega Pixels (2304 x 1728 Pixels / 4:3)	6.1 Mega Pixels (2848 x 2136 Pixels / 4:3)	4.0 Mega Pixels (2304 x 1728 Pixels / 4:3)	1.2 Mega Pixels (1440 x 810 Pixels / 16:9)
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)	2.3 Mega Pixels (2016 x 1134 Pixels / 16:9) 1.7 Mega Pixels (1512 x 1134 Pixels / 4:3)	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)	1.2 Mega Pixels (1440 x 810 Pixels / 16:9) 0.9 Mega Pixels (1080 x 810 Pixels / 4:3)
Smooth Slow Rec	Yes (3secs) with Audio Recording	Yes (3secs) with Audio Recording	Yes (3secs)	Yes (3secs) with Audio Recording	Yes (3secs) with Audio Recording	Yes (6secs)
Super SteadyShot	Optical	Electronic	Electronic	Optical	Electronic	Optical
Manual Controls	Camera Control Dial	-	Assignable Ring (Focus, Brightness, Exposure, White Balance)	Camera Control Dial	-	Assignable Buttons, Exposure/Iris Dial, Independent Focus/Zoom Rings, Manual Gain/Shutter/White Balance, Neutral Density Filter
Clear Photo LCD Plus	3.5" (Wide 16:9) / 0.27" (Wide 16:9)	2.7" (Wide 16:9) / 0.27" (Wide 16:9)	3.5" (Wide 16:9) / 0.27" (Wide 16:9)	2.7" (Wide 16:9) / 0.27" (Wide 16:9)	2.7" (Wide 16:9) / 0.27" (Wide 16:9)	3.5" (Wide 16:9) / 0.54" (Wide 16:9)
NightShot	Super NightShot	Super NightShot	Super NightShot	Super NightShot	Super NightShot	-
Intelligent Flash	Yes	Yes	Yes	Yes	Yes	-
Colour Slow Shutter	Yes	Yes	Yes	Yes	Yes	-
HD to SD High Performance Down Conversion	Yes	Yes	Yes	Yes	Yes	Yes
Memory Stick Duo™ Slot	Yes	Yes	Yes	Yes	Yes	Yes
HDMI	Yes	Yes	Yes	Yes	Yes	Yes
USB	Yes (USB 2.0 High Speed)	Yes (USB 2.0 High Speed)	Yes (USB 2.0 High Speed)	Yes	Yes	Yes
i.LINK	-	-	-	Yes	Yes	Yes
Component Out	Yes	Yes	Yes	Yes	Yes	Yes
Multi AV Out	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions (WxHxD)	72x87x142 mm	72x87x142 mm	78x84x165 mm	82x82x138 mm	82x82x134 mm	145x156x322 mm
Mass (w/o Tape, Battery, etc.)	590g	530g	640g	550g	530g	1.4kg

All pictures shown in this brochure are simulated. Information is correct at time of completion (February 2007). "Handycam" and "Handycam" logo are registered trademarks of Sony Corporation. "like.no.other" is a trademark of Sony Corporation. All other trademarks are property of their respective owners.

SONY®

# HANDYCAM®

Feel More of Every Moment in HD



Full HD  
1080

like.no.other™

Full HD  
1080

# Enter a New Era in High Definition Recording with more Choices to Suit your Personal Style



**8cm DVD Disc** Experience the convenience of sharing with 8cm DVD Discs.



### HDR-UX7

- 1/2.9" ClearVid™ CMOS Sensor
- 6.1 Mega Pixels Still Image Capture
- x.v.Colour
- Super SteadyShot (Optical)
- Dolby® Digital 5.1 Creator



### HDR-UX5

- 1/3" ClearVid™ CMOS Sensor
- 4.0 Mega Pixels Still Image Capture
- x.v.Colour
- Dolby® Digital 5.1 Creator



**Hard Disk Drive** Enjoy longer recording hours with the built-in Hard Disk Drive.



### HDR-SR1

- 1/3" ClearVid™ CMOS Sensor
- 4.0 Mega Pixels Still Image Capture
- 30GB Hard Disk Drive with HDD Smart Protection
- Dolby® Digital 5.1 Creator



**MiniDV Tape** Easily record and archive onto popular MiniDV Tapes.



### HDR-HC7

- 1/2.9" ClearVid™ CMOS Sensor
- 6.1 Mega Pixels Still Image Capture
- x.v.Colour
- Super SteadyShot (Optical)



### HDR-HC5

- 1/3" ClearVid™ CMOS Sensor
- 4.0 Mega Pixels Still Image Capture
- x.v.Colour



### HDR-FX7

- 3x 1/4" ClearVid™ CMOS Sensors
- Super SteadyShot (Optical)
- Carl Zeiss® Vario-Sonnar T\* Lens with Extra Low Dispersion Glass
- Variety of Manual Functions

**HANDYCAM®**

Full HD  
1080

# Feel More of Every Moment in Full High Definition

## The Beauty of High Definition

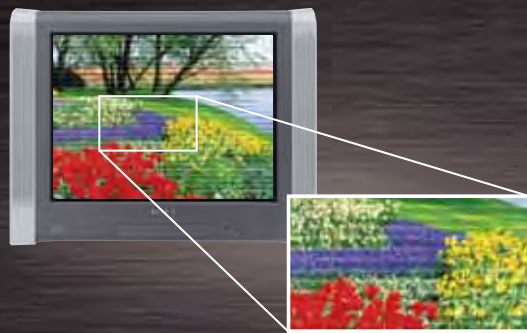
One of the most precious things in life is our memories. Truly precious moments such as your newborn baby's smile, your child's first birthday, or your exotic honeymoon vacation are moments that once gone are lost forever. As the dawn of a generation of High Definition (HD) is upon us, you'll want to capture these memories in the best detail possible to ensure they last through the ages. By safekeeping these special moments in HD for your baby to enjoy once he's grown, you'll be able to relive these joyous occasions over and over again in perfect clarity for generations to come. Choose HD, they will thank you for it.



## High Definition Advantage

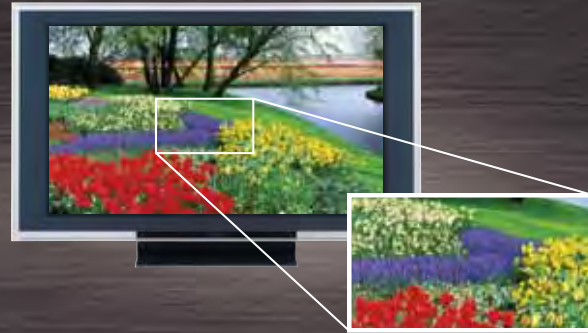
By combining more effective scanning lines with a greater pixel count, you receive beautiful videos with **up to 4.5 times** the video data quantity of Standard Definition (SD). These sharp images really bring out the impact of the subject matter for a difference that is immediately noticeable.

SD



- 480 (NTSC) 576 (PAL) Effective Scanning Lines
- 720 (NTSC / PAL) Effective Pixels
- 4:3 (Standard) Aspect Ratio

HD 1080i



- 1080 Effective Scanning Lines
- 1440 Effective Pixels
- 16:9 (Widescreen) Aspect Ratio

# Capture a World with More Colours

## Introducing x.v.Colour

UX7 UX5 HC7 HC5

 **x.v.Colour**

Sony's latest HD Handycam® camcorders feature a groundbreaking new colour technology known as **x.v.Colour**. This innovative technology complies with the recently adopted "xvYCC" (eXtended Video YCC) international colour standard to produce almost 100% of colours the human eye can perceive. With **x.v.Colour**, your entertainment experience will be changed forever as you enjoy a previously unseen world full of rich and vibrant colours never before captured by any other camcorders.

Conventional sRGB Colour



x.v.Colour



Enjoy a wider range of previously unseen colours.

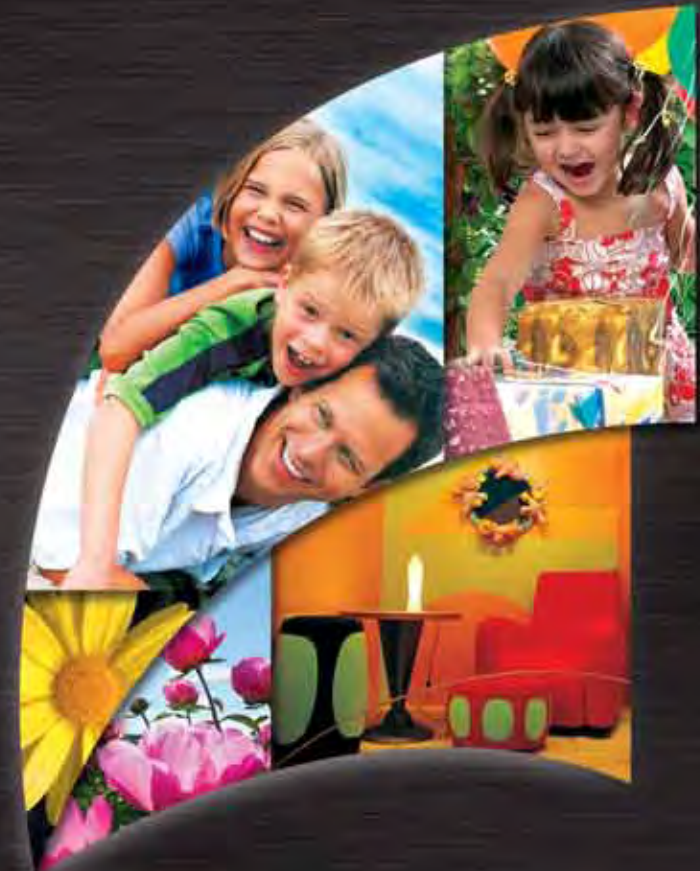
Conventional sRGB Colour



x.v.Colour



Capture the most vibrant blues of the ocean.



## Wider Colour Range

Through adopting a wider colour range based on the "xvYCC" colour standard, **x.v.Colour** is able to display colours that were impossible to capture or display using conventional colour standards. When compared to the conventional sRGB colour standard, **x.v.Colour** presents nearly twice the colour range for dramatically brighter and more colourful images.



sRGB Coverage = Only 55.8%



xvYCC Coverage = 100%

## More Natural Colours

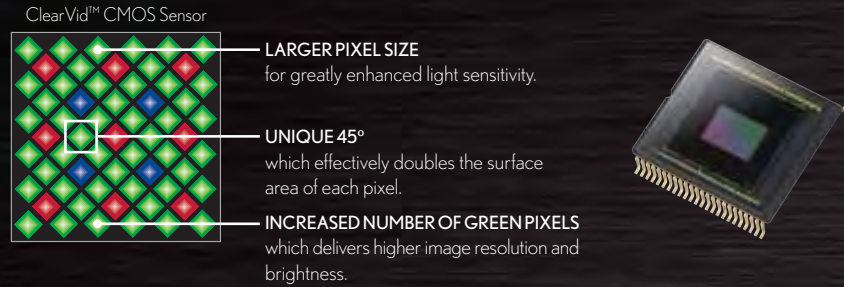
By using an intelligent algorithm designed to more accurately specify the colours of nature, **x.v.Colour** is able to display a wide range of colours that is closer to human vision. With this true-to-life colour production, you can now enjoy your video and imaging with colours accurately depicting those seen in person, making the colours in the picture come to life.

- x.v.Colour is only for HD recording, it is not compatible with SD recording modes.
- In order to see the benefits of x.v.Colour, the viewing device must be xvYCC compatible.

# Bring Out Every Detail with Sony's Unique Imaging Technologies

## ClearVid™ CMOS Sensor

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



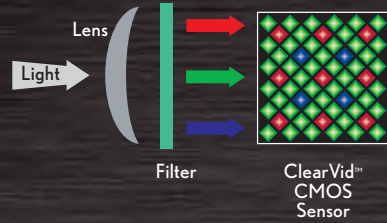
## Single and Three Imager System

All the HD Handycam® models utilise Sony's unique ClearVid™ CMOS Sensor in their imaging system. With most models utilising a Single-Chip Imager System and one model with a 3-Chip Imager System, it is important to know the benefits of each system to find the model that suits you best.

### Single ClearVid™ CMOS Sensor

UX7 UX5 SR1 HC7 HC5

- Light entering through the lens is separated into the three RGB (red, green and blue) primary colours via a filter.
- Each pixel on the sensor is also divided into red, green and blue colours, allowing each pixel to detect its respective colour element to process as image data.
- Using a Single-Chip Imager System enables the optical system to be smaller, reducing the size of the camcorder.

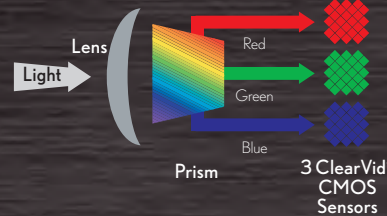


### 3 ClearVid™ CMOS Sensor System

FX7

3 ClearVid™ CMOS Sensors

- Light entering through the lens is separated into the three RGB primary colours via a prism.
- Each colour element is received by an independent imager for processing as image data.
- Using a 3-Chip Imager System results in a higher signal volume for improved sensitivity and richer colours.



## Enhanced Imaging Processor

Another essential part of Sony's imaging technologies is the Enhanced Imaging Processor. Using a unique algorithm, huge amounts of image information captured by the ClearVid™ CMOS Sensor is processed at high speed, bringing you not only High Definition movies, but also stunning still images in higher resolution and sensitivity.



## ClearVid™ CMOS Sensor and Enhanced Imaging Processor

combine to give you these advantages over other image sensors:

- Wider dynamic range** delivers richer colours.
- Smear-free images** let you shoot clearly in bright conditions.
- High sensitivity and low noise** ensure your images capture every detail clearly in low light situations.
- Low power consumption** for longer recording hours.
- Advanced data reading speed** to achieve high image resolution and advanced functions.

## 6.1 Mega Pixels Still Image Capture

UX7 HC7

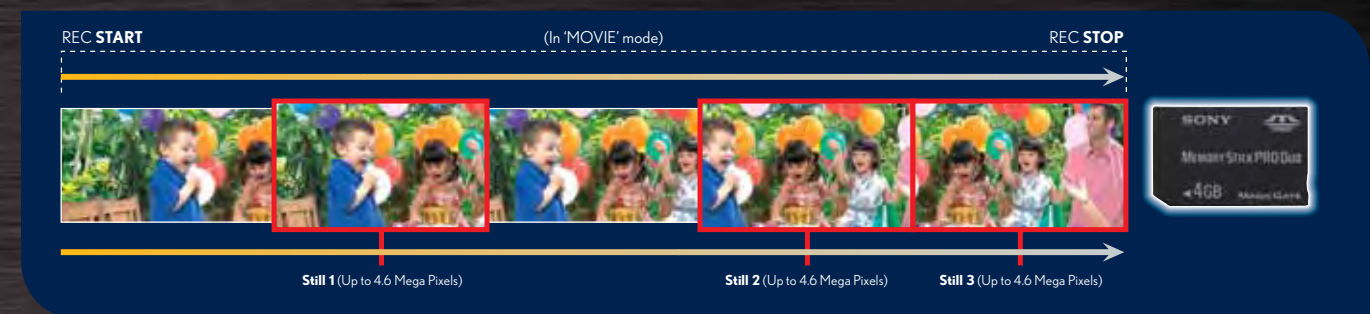
6.1 MEGA PIXELS STILL IMAGE RESOLUTION

Capture high-quality still images of up to 6.1 Mega Pixels (2848 x 2136 / 4:3) right from your Handycam® camcorder! This enhanced double functionality is realised by the combined power of the Enhanced Imaging Processor and ClearVid™ CMOS Sensor working together to process huge amounts of pixel data at high speed. With added sensitivity for high-resolution pictures even in low-light situations, your Handycam® camcorder will produce the results of a high quality still image camera.



## Dual Rec

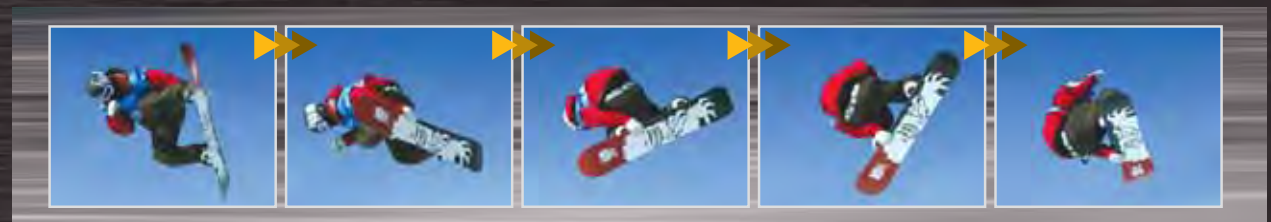
This function allows you to capture beautiful still images of up to 4.6 Mega Pixels\* even when recording in Movie mode. This is made possible by the combination of the Enhanced Imaging Processor handling huge amounts of pixel information read by the ClearVid™ CMOS Sensor. Other conventional image sensors could not offer this quality of still image recording nor in this mode.



\* 4.6 Mega Pixels for HDR-UX7 and HDR-HC7 only. HDR-UX5, HDR-SR1 and HDR-HC5 capture 2.3 Mega Pixels while HDR-FX7 captures 1.2 Mega Pixels.  
 \* A maximum of 3 images can be recorded in 'MOVIE' mode. All still images are recorded onto Memory Stick™ or HDD (for HDR-SR1 only).

## Smooth Slow Rec with Audio Recording<sup>^</sup>

The ability to capture video and audio<sup>^</sup> at four times the normal recording speed means quick motions and sounds too fast for human recognition can now be recorded and experienced in smooth slow motion. This allows you to capture dramatic events such as action scenes with screeching tyres or sports with the crack of a bat. On most models, a single 3-second clip can be recorded and then played back in smooth slow motion as a 12-second video. For the HDR-FX7, a single 6-second clip can be recorded and then played back as a 24-second video.



<sup>^</sup> Audio capture capability applies to HDR-UX7, HDR-UX5, HDR-HC7 and HDR-HC5 only.

# Capture Every Moment in Stunning Clarity with Super SteadyShot (Optical) and Carl Zeiss® Lens

## Super SteadyShot (Optical)

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.

\* HDR-UX5, HDR-SR1 and HDR-HC5 are equipped with Electronic Super SteadyShot.

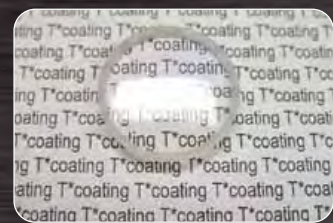


Blurred image from camera shake

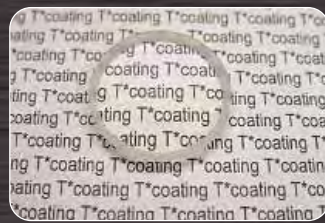
The controlled lens effectively reduces image distortion

## Carl Zeiss® Vario-Sonnar T\* Lens

All HD Handycam® use the Carl Zeiss® Vario-Sonnar T\* Lens, which has a multi-layer film coating. The T\* coating is the highest quality multi-layer coating and reduces light reflections and flares by 52% for clear, concise images.



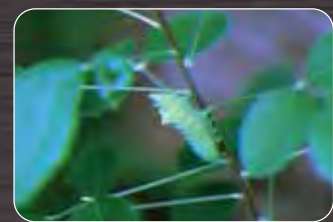
Without T\* Coating, lens reflections occur



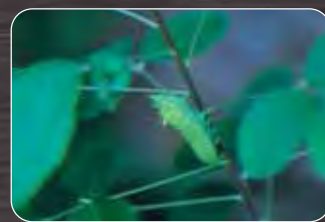
With T\* Coating, lens reflections are dramatically reduced

## Extra Low Dispersion Glass

When light passes through an optical lens, it creates what is known as "chromatic aberration", leaving a blue colour fringing to the edge of objects. This is especially noticeable in Tele or Zoom modes. In order to reduce this effect, the HDR-FX7's Carl Zeiss® Vario-Sonnar T\* Lens uses Extra Low Dispersion (ED) Glass. This ED Glass is made especially to reduce this effect for clearer, more precise images without distorted colour fringing.



Without Extra Low Dispersion Glass



With Extra Low Dispersion Glass

# Enjoy Rich True-to-life Audio with 5.1ch. Surround Sound

## Dolby® Digital 5.1 Creator



To help you recreate the actual sounds you heard while recording, Sony 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 let Sony's Handycam® camcorders deliver a cinematic theatre experience right in the comfort of your living room.



## How Dolby® Digital 5.1 Creator Works



## 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 Sony Handycam® camcorder 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.

## Active Interface Shoe



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

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

# Take Control of Every Moment with Versatile Software Solutions

## Picture Motion Browser Software UX7 UX5 SR1 HC7 HC5

Picture Motion Browser is a supplied software application that gives you more control and possibilities with a variety of solutions available to customise your personalised media.

### Personalised Functionality

Picture Motion Browser performs these shared features across all capable models:

#### 1 Importing

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



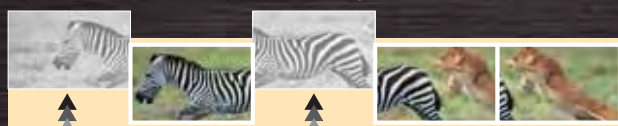
#### 2 Organising

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



#### 3 Editing

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



#### 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.



### Other Functions

These specific features give you more advanced control for model specific capabilities:

#### Player for AVCHD UX7 UX5 SR1

Player for AVCHD is a PC software application designed to play AVCHD format videos recorded by your Handycam® camcorder on your PC in full screen.

#### Video Disc Copier UX7 UX5 SR1

Video Disc Copier is a PC software application that lets you convert your AVCHD format videos to DVD format and make multiple disc copies in either format easily.

#### Easy Exporting SR1 HC7 HC5

Quickly and easily export your favourite edited videos back into the Hard Disk (for HDR-SR1) or the MiniDV/HDV tape (for HDR-HC7 / HDR-HC5).



- All supplied software applications for HDR-UX7, HDR-UX5, HDR-HC7 and HDR-HC5 are compatible with the x.v.Colour standard.
- Picture Motion Browser software functions differ between HDV, AVCHD (Disc) and AVCHD (HDD) models.
- For more information on playback compatibility and PC software and system specifications, please visit <http://www.css.ap.sony.com/ui/avchdcam.aspx>.

# More Recording Freedom with your Preferred Media Format

With a variety of storage media options to pick from, you can choose the HD Handycam® that suits you best. This freedom of selection lets you fully customise your recording experience to match your personal style.

## AVCHD Format UX7 UX5 SR1



The AVCHD format is a High Definition digital camcorder format for recording video signals by using highly efficient codec technologies. It employs MPEG-4 AVC/H.264 codec for video compression, and Dolby® Digital or Linear PCM for audio codec. This promising recording format technology is capable of compressing images at a higher efficiency than that of conventional image compressing formats, allowing for much smaller recordings without loss of image quality. Choose your preferred recording media with either the built-in Hard Disk Drive or 8cm DVD Disc media options to suit your preference. Both types of non-linear media allow you to enjoy random access with thumbnail displays of recordings and without any worries about overwriting.

### 8cm DVD Discs



- Enjoy the simplicity and convenience of storing, sharing and playback of videos directly from DVD Discs.
- Choose between 4 types of 8cm DVD Disc formats - DVD+R DL (Double Layer), DVD+RW, DVD-RW and DVD-R Discs.
- 8cm DVD+R DL (Double Layer) can record approx. 1 hour\* of HD video.

**VIDEO DATA**  
MPEG-4 AVC  
1440 X 1080 60i/50i  
(ASPECT RATIO 16:9)

**AUDIO DATA**  
Dolby® Digital 5.1ch.

#### COMPATIBLE 8CM DISC FORMATS



### Hard Disk Drive

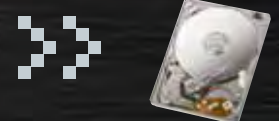


- Enjoy long recording hours and seamless connectivity/transfer of recorded contents to PCs for editing and sharing.
- Built-in 30GB Hard Disk Drive in the HDR-SR1 enables recording up to an impressive 11 hours\* of HD video.

**VIDEO DATA**  
MPEG-4 AVC  
1440 X 1080 60i/50i  
(ASPECT RATIO 16:9)

**AUDIO DATA**  
Dolby® Digital 5.1ch.

#### HARD DISK DRIVE



\* In LP 5Mbps Recording Mode.

## HDV Format HC7 HC5 FX7



Under the HDV standard, the MPEG-2 format has been adopted to efficiently compress HD image data and record onto MiniDV tapes at high density, while maintaining high picture quality. The MPEG-2 format is a standard compression method used for video media including DVDs as well as satellite and terrestrial digital broadcasts. Under the HDV standard, there are 2 types of HD recording systems - namely 720p and 1080i. Sony has adopted the 1080i specifications for its range of HD camcorders.

### MiniDV Tape



- Record HD video directly onto widely available and affordable MiniDV tapes, with same recording duration as standard DV format.
- Backward compatibility with existing MiniDV tape libraries.
- Widely available HDV editing software solutions.

**VIDEO DATA**  
MPEG-2  
1440 X 1080 60i/50i  
(ASPECT RATIO 16:9)

**AUDIO DATA**  
MPEG-1  
Audio Layer II

#### MiniDV Tape HDV Tape





# HDR-UX7

High Definition Disc Camcorder with Super SteadyShot (Optical) and 6.1 Mega Pixels Still Image Capture

Full HD  
1080



Record in rich full colour and superior sound quality anywhere you choose to go. With technologies such as x.v.Colour, Dolby® Digital 5.1 Creator and the AVCHD Format, HDR-UX7 lets you capture videos and up to 6.1 Mega Pixels still images.

## Key Features

### ClearVid™ CMOS Sensor & Enhanced Imaging Processor

These advanced technologies combine to produce high-resolution vibrant images that have low noise and are free of smears.

### x.v.Colour

Enjoy your videos with colours accurately depicting those seen in person. With x.v.Colour, you receive a wider colour range that will make every picture come to life.

### Dolby® Digital 5.1 Creator

Capture rich 5.1ch. Surround Sound, adding another dramatic dimension to your videos.

### 6.1 Mega Pixels Still Image Capture

Use your Handycam® to capture high-quality 6.1 Mega Pixels (2848 x 2136 / 4:3) still images. It's more than just a camcorder!

### Super SteadyShot (Optical)

With gyroscopic sensors and a controlled lens, you can now record superior images without loss of data quality obtained through the lens and with less distortion.

## HD (AVCHD) Playback & Transfer Solutions



HDR-UX7

### Direct Connection to HDTV

Direct Connection to HDTV (via HDMI/Component Outputs)



### Playback on AVCHD format compatible players

Direct 8cm DVD disc playback on Sony PlayStation® 3 and Blu-ray Players



### Playback on PC DVD drive

Direct 8cm DVD disc playback on PC DVD drive with bundled software "Player for AVCHD"



### Playback of contents on hard disk drive of PC

Transfer data to the PC via USB 2.0 and playback of content stored on Hard Disk Drive of PC with bundled software "Picture Motion Browser"



Note:

\* For more information on playback compatibility and PC software and system specifications, please visit <http://www.css.ap.sony.com/ui/avchdcam.aspx>.

## Other Features

- Carl Zeiss® Vario-Sonnar T\* Lens
- 10x Optical / 20x Digital Zoom
- Dual Rec (4.6 Mega Pixels)
- Smooth Slow Rec with Audio (3secs)
- 3.5" Wide Clear Photo LCD Plus with Touch Panel
- Rec Start/Stop and Zoom on LCD Frame
- Wide Viewfinder

- HD/SD Switching System
- Camera Control Dial
- Easy Handycam
- Super NightShot
- Colour Slow Shutter
- Auto Lens Cover
- Scene Select

- Digital & Picture Effect
- Tele Macro
- HD to SD High Performance
- Down-Conversion Function
- Intelligent Flash
- Memory Stick Duo™ Slot
- HDMI Terminal

- USB 2.0 (High Speed)
- Active Interface Shoe
- PictBridge™
- Usage Guide
- Battery Info/InfoLITHIUM Battery
- Picture Motion Browser Software



# HDR-UX5

High Definition Disc Camcorder with x.v.Colour and 5.1ch. Surround Sound

Full HD  
1080



Utilising the incredible AVCHD recording format, HDR-UX5 records high quality videos and 4.0 Mega Pixels still images. What's more, it comes with Dolby® Digital 5.1 Creator for a complete theatre experience right into the comfort of your home.

## Key Features

### ClearVid™ CMOS Sensor & Enhanced Imaging Processor

These advanced technologies combine to produce high-resolution vibrant images that have low noise and are free of smears.

### x.v.Colour

Enjoy your videos with colours accurately depicting those seen in person. With x.v.Colour, you receive a wider colour range that will make every picture come to life.

### 4.0 Mega Pixels Still Image Capture

Use your Handycam® to capture high-quality 4.0 Mega Pixels (2304 x 1728 Pixels / 4:3) still images. It's more than just a camcorder!

### Dolby® Digital 5.1 Creator

Capture rich 5.1ch. Surround Sound, adding another dramatic dimension to your videos.

## HD (AVCHD) Playback & Transfer Solutions



HDR-UX5

### Direct Connection to HDTV

Direct Connection to HDTV (via HDMI/Component Outputs)



### Playback on AVCHD format compatible players

Direct 8cm DVD disc playback on Sony PlayStation® 3 and Blu-ray Players



### Playback on PC DVD drive

Direct 8cm DVD disc playback on PC DVD drive with bundled software "Player for AVCHD"



### Playback of contents on hard disk drive of PC

Transfer data to the PC via USB 2.0 and playback of content stored on Hard Disk Drive of PC with bundled software "Picture Motion Browser"



Note:

\* For more information on playback compatibility and PC software and system specifications, please visit <http://www.css.ap.sony.com/ui/avchdcam.aspx>.

## Other Features

- 4.0 Mega Pixels Still Image Capture
- Carl Zeiss® Vario-Sonnar T\* Lens
- 10x Optical / 80x Digital Zoom
- Dual Rec (2.3 Mega Pixels)
- Smooth Slow Rec with Audio (3secs)
- 2.7" Wide Clear Photo LCD Plus with Touch Panel
- Rec Start/Stop and Zoom on LCD Frame

- Wide Viewfinder
- HD/SD Switching System
- Easy Handycam
- Super SteadyShot (Electronic)
- Super NightShot
- Colour Slow Shutter
- Auto Lens Cover

- Scene Select
- Digital & Picture Effect
- Tele Macro
- HD to SD High Performance
- Down-Conversion Function
- Intelligent Flash
- Memory Stick Duo™ Slot

- HDMI Terminal
- USB 2.0 (High Speed)
- Active Interface Shoe
- PictBridge™
- Battery Info/InfoLITHIUM Battery
- Usage Guide
- Picture Motion Browser Software



Hard Disk Drive

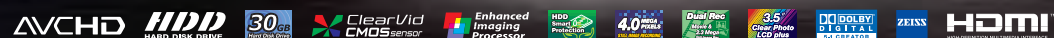


MiniDV Tape

# HDR-SR1

High Definition 30GB Hard Disk Drive Camcorder with HDD Smart Protection and Long Recording Hours

Full HD  
1080



Featuring an impressive fusion of Sony's unique technologies, HDR-SR1 delivers up to 11 hours\* of theatre-quality videos with 5.1ch. Surround Sound directly onto the built-in 30GB Hard Disk Drive. Even more, it comes with effortless back-up options to ensure that your data is always safe and sound.

## Key Features

### ClearVid™ CMOS Sensor & Enhanced Imaging Processor

These advanced technologies combine to produce high-resolution vibrant images that have low noise and are free of smears.

### Dolby® Digital 5.1 Creator

Capture rich 5.1ch. Surround Sound, adding another dramatic dimension to your videos.

### HDD Smart Protection

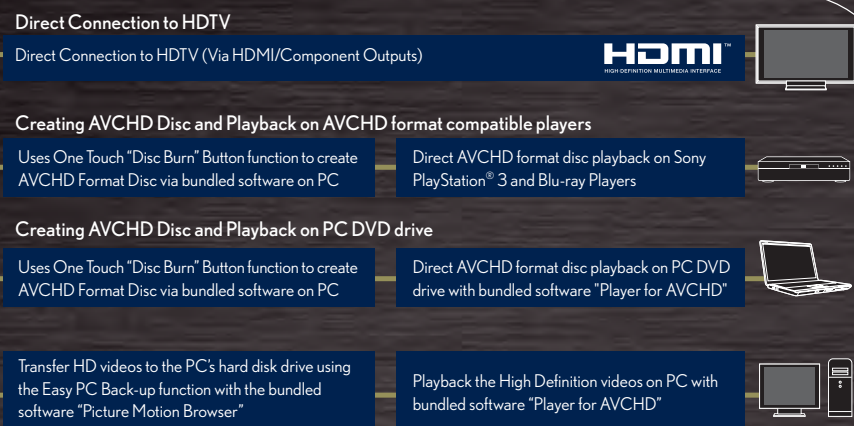
Sony's HDD Smart Protection technology safeguards the large amount of data stored in the 30GB Hard Disk Drive during falls and shocks without missing a single moment of recording.

### Easy Back-up Solutions

Archive your data to your PC's Hard Disk Drive or create HD and SD DVD Discs effortlessly with the easy-to-use back-up solutions.

\* In LP 5Mbps Recording Mode.

## HD (AVCHD) Playback & Transfer Solutions



Note:  
\* For more information on playback compatibility and PC software and system specifications, please visit <http://www.css.ap.sony.com/ui/avchdcam.aspx>.

## SD Record & Playback

Videos can also be recorded in Standard Definition format for greater versatility in playback.

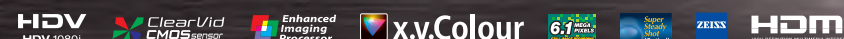
## Other Features

- 4.0 Mega Pixels Still Image Capture
- Carl Zeiss® Vario-Sonnar T\* Lens
- 10X Optical / 80X Digital Zoom
- Easy PC Back-up function
- One Touch Disc Burn
- Assignable Ring
- Dual Rec (2.3 Mega Pixels)
- Smooth Slow Rec (3secs)
- 3.5" Wide Clear Photo LCD Plus with Touch Panel
- Rec Start/Stop and Zoom on LCD Frame
- HD/SD Switching System
- Easy Handycam
- Super SteadyShot (Electronic)
- Super NightShot
- Colour Slow Shutter
- Auto Lens Cover
- Scene Select
- Digital & Picture Effect
- Tele Macro
- HD to SD High Performance Down-Conversion Function
- Intelligent Flash
- Memory Stick Duo™ Slot
- HDMI Terminal
- USB 2.0 (High Speed)
- Active Interface Shoe
- PictBridge™
- Usage Guide
- Battery Info/InfoLITHIUM Battery
- Picture Motion Browser Software

# HDR-HC7

High Definition Tape Camcorder with Super SteadyShot (Optical) and 6.1 Mega Pixels Still Image Capture

Full HD  
1080



Creating the highest performance camcorder with a conveniently small size is exactly what Sony has done with the remarkable HDR-HC7. This intelligent engineering design lets you enjoy more flexible usage by recording vibrant HDV 1080i format videos and still images onto conventional MiniDV tapes.

## Key Features

### ClearVid™ CMOS Sensor & Enhanced Imaging Processor

These advanced technologies combine to produce high-resolution vibrant images that have low noise and are free of smears.

### 6.1 Mega Pixels Still Image Capture

Use your Handycam® to capture high-quality 6.1 Mega Pixels (2848 x 2136 / 4:3) still images. It's more than just a camcorder!

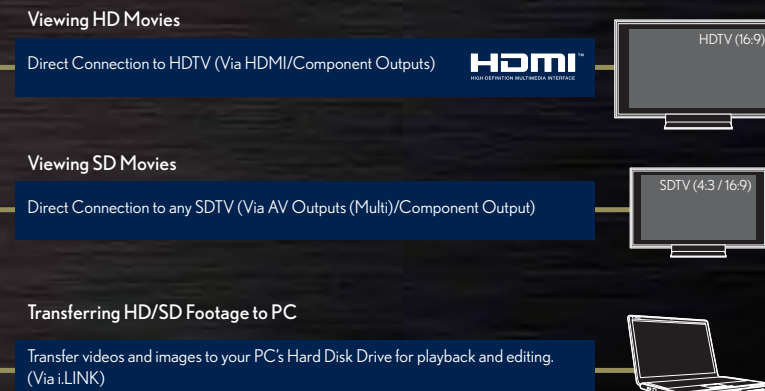
### x.v.Colour

Enjoy your videos with colours accurately depicting those seen in person. With x.v.Colour, you receive a wider colour range that will make every picture come to life.

### Super SteadyShot (Optical)

With gyroscopic sensors and a controlled lens, you can now record superior images without loss of data quality obtained through the lens and with less distortion.

## HDV / DV Playback & Transfer Solutions



## Other Features

- Carl Zeiss® Vario-Sonnar T\* Lens
- HD Codec Engine
- Dual Rec (4.6 Mega Pixels)
- Smooth Slow Rec with Audio (3secs)
- 2.7" Wide Clear Photo LCD Plus with Touch Panel
- Rec Start/Stop and Zoom on LCD Frame
- Wide Viewfinder
- HDV/DV Switching System
- Camera Control Dial
- Easy Handycam
- Super NightShot
- Colour Slow Shutter
- Auto Lens Cover
- Scene Select
- Digital & Picture Effect
- Tele Macro
- Histogram
- HD to SD High Performance Down-Conversion Function
- Intelligent Flash
- Memory Stick Duo™ Slot
- HDMI Terminal
- USB
- Active Interface Shoe
- PictBridge™
- Usage Guide
- Battery Info/InfoLITHIUM Battery
- Picture Motion Browser Software





## HDR-HC5

High Definition Tape Camcorder with Wide Colour Range and Compact Size

Full HD  
1080



Created to be light and compact, the HDR-HC5 puts powerful imaging possibilities into the palm of your hand. With the capability of recording high quality video in HDV 1080i format onto existing MiniDV tapes, you can enjoy the backwards compatibility and rich editing environment this format provides.

### Key Features

#### ClearVid™ CMOS Sensor & Enhanced Imaging Processor

These advanced technologies combine to produce high-resolution vibrant images that have low noise and are free of smears.

#### x.v.Colour

Enjoy your videos with colours accurately depicting those seen in person. With x.v.Colour, you receive a wider colour range that will make every picture come to life.

#### Carl Zeiss® Vario-Sonnar T\* Lens

Enjoy precision recording with reduced light reflections and flares on the Carl Zeiss® Vario-Sonnar T\* Lens.

#### Compact Design

With a lightweight sleek design, you receive matchless portability designed to fit perfectly in the palm of your hand.

### HDV / DV Playback & Transfer Solutions



HDR-HC5

#### Viewing HD Movies

Direct Connection to HDTV (Via HDMI/Component Outputs)



#### Viewing SD Movies

Direct Connection to any SDTV (Via AV Outputs (Multi)/Component Output)



#### Transferring HD/SD Footage to PC

Transfer videos and images to your PC's Hard Disk Drive for playback and editing. (Via i.LINK)



### Other Features

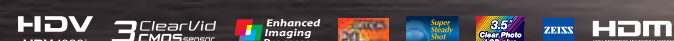
- Carl Zeiss® Vario-Sonnar T\* Lens
- HD Codec Engine
- Dual Rec (2.3 Mega Pixels)
- Smooth Slow Rec with Audio (3secs)
- 2.7" Wide Clear Photo LCD Plus with Touch Panel
- Rec Start/Stop and Zoom on LCD Frame
- Wide Viewfinder
- HDV/DV Switching System
- Easy Handycam
- Super NightShot
- Colour Slow Shutter
- Auto Lens Cover
- Scene Select
- Digital & Picture Effect
- Tele Macro
- Histogram
- HD to SD High Performance
- Down-Conversion Function
- Intelligent Flash
- Memory Stick Duo™ Slot
- HDMI Terminal
- USB
- Active Interface Shoe
- PictBridge™
- Usage Guide
- Battery Info/InfoLITHIUM Battery
- Picture Motion Browser Software



## HDR-FX7

High-End High Definition Camcorder with 3 ClearVid™ CMOS Imaging System and Manual Functions

Full HD  
1080



With impressive imaging functions such as the 3 ClearVid™ CMOS Sensor Imaging System, Enhanced Imaging Processor and featuring a wealth of manual functions, the HDR-FX7 lets you record professional quality High Definition videos in HDV 1080i format with great control and ease.

### Key Features

#### 3 ClearVid™ CMOS Sensor Imaging System & Enhanced Imaging Processor

This newly developed imaging sensor system utilises three independent 1/4-inch ClearVid™ CMOS Sensors to deliver the most accurate colour detail.

#### HDV 1080i Format and HD Codec Engine

The HDR-FX7 utilises the HD Codec Engine to encode the video recordings into HDV 1080i format (1440 x 1080), and store onto conventional MiniDV tapes. The HDV 1080i recording format is the same format widely used by television broadcasters.

#### Carl Zeiss® Vario-Sonnar T\* Lens with 20x Optical Zoom

Featuring the Carl Zeiss® Vario-Sonnar T\* Lens, specially crafted with Extra Low Dispersion Glass to reduce colour fringing. With a 20x Optical Zoom and Super SteadyShot (Optical) image stabiliser, you will receive beautiful and sharp videos.

#### Wealth of Manual Functions

A plethora of manual functions are readily accessible for even the most technical users. With independent Zoom and Focus Rings, an Exposure/Iris Dial, and many more, it is possible to fine-tune the HDR-FX7's settings in accordance with any shooting conditions.

### HDV / DV Playback & Transfer Solutions



HDR-FX7

#### Viewing HD Movies

Direct Connection to HDTV (Via HDMI/Component Outputs)



#### Viewing SD Movies

Direct Connection to any SDTV (Via AV Outputs (Multi)/Component Output)



#### Transferring HD/SD Footage to PC

Transfer videos and images to your PC's Hard Disk Drive for playback and editing. (Via i.LINK)



### Other Features

- HD Codec Engine
- HDV/DV Switching System
- 3.5" Wide Clear Photo LCD Plus
- 0.54" Wide View Finder
- Dual Rec (1.2 Mega Pixels)
- Smooth Slow Rec (6secs)
- Histogram
- Assignable Buttons
- Record/Zoom Buttons on Handle
- Independent Zoom & Focus Rings
- Manual Gain/Shutter/White Balance
- Exposure/Iris Dial
- Neutral Density Filter
- Zebra Display
- Shot Transition
- Peaking
- HD to SD High Performance
- Down-Conversion Function
- USB
- Accessory Cold Shoe
- Memory Stick Duo™ Slot
- HDMI Terminal
- Battery Info/InfoLITHIUM Battery
- PictBridge™

# Enhance Your Shooting Experience

Get more out of your HD Handycam® camcorder with these power and shooting accessories. Insist on genuine Sony accessories for quality assurance and the best compatibility with your HD Handycam® camcorder. 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.

**UX7 / UX5 / HC7 / HC5**

**NP-FH50** Rechargeable Battery Pack  
6.8V / 6.1 Wh (900mAh)

**NP-FH70** Rechargeable Battery Pack  
6.8V / 12.2 Wh (1800mAh)

**NP-FH100** Rechargeable Battery Pack  
6.8V / 27 Wh (3970mAh)

**AC-VQH10** AC Adaptor / Dual Charger  
InfoLITHIUM™ H & P Series

**BC-TRP** Travel Battery Charger  
Multi Voltage 100 - 240V

## ACCESSORY KITS

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

**UX7 / UX5 / HC7 / HC5**

**ACC-FH70** Carrying Case (LCS-VA30 & NP-FH70)

## 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

**UX7 / UX5 / HC7 / HC5**

**High Grade**

**VCL-HG0737C** 0.7x Wide Conversion Lens  
37mm Ø Filter Diameter

**High Grade**

**VCL-HG0730X** Wide Conversion Lens  
30mm Ø Filter Diameter

**UX7 / UX5 / HC7 / HC5**

**High Grade**

**VCL-HG1737C** 1.7x Tele Conversion Lens  
37mm Ø Filter Diameter

**UX7 / UX5 / HC7 / HC5**

**High Grade**

**VCL-HG2030** Tele Conversion Lens  
30mm Ø Filter Diameter

**UX7 / UX5 / HC7 / HC5**

**High Grade**

**VCL-HG0862** Wide Conversion Lens  
62mm Ø Filter Diameter

Get wider shots without having to step backwards. Also ideal for capturing more panoramic wide scenes.

**UX7 / UX5 / HC7 / HC5**

**High Grade**

**VCL-HG0862** Wide Conversion Lens  
62mm Ø Filter Diameter

Get wider shots without having to step backwards. Also ideal for capturing more panoramic wide scenes.

### POLARISING FILTERS

**UX7 / UX5 / HC7 / HC5**

**VF-37CPK S** Circular Polarising Filter  
37mm Ø Filter Diameter

**SRI**

**VF-30CPK X S** Polarising Filter Kit  
30mm Ø Filter Diameter

**UX7 / UX5 / HC7 / HC5**

**VF-62CPK** Polarising Filter Kit  
62mm Ø Filter Diameter

### NEUTRAL DENSITY FILTERS

**UX7 / UX5 / HC7 / HC5**

**VF-R37NK** ND8 Filter  
37mm Ø Filter Diameter

**SRI**

**VF-R30NKX** Neutral Density Filter Kit  
30mm Ø Filter Diameter

**SRI**

**NP-FM50** Rechargeable Battery Pack  
7.2V / 8.5 Wh (1180mAh)

**NP-QM71D** Rechargeable Battery Pack  
7.2V / 199 Wh (2760mAh)

**NP-QM91D** Rechargeable Battery Pack  
7.2V / 29.8 Wh (4140mAh)

**BC-VM50** Battery Charger  
Multi Voltage 100 - 240V

**FX7**

**NP-F570** Rechargeable Battery Pack  
(7.2 V/15.8wh 2200MAh)

**NP-F770** Rechargeable Battery Pack  
(7.2 V/31.7wh 4400MAh)

**NP-F970** Rechargeable Battery Pack  
(7.2 V/47.5wh 6600MAh)

**AC-VQ1050D** AC Adaptor Charger  
InfoLITHIUM™ L Series

## 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.

**UX7 / UX5 / HC7 / HC5**

**LCS-BBA** Soft Carrying Case

**UX7 / UX5 / HC7 / HC5**

**LCM-HCF** Semi Soft Carrying Case

**UX7 / UX5 / SR1 / HC7 / HC5**

**LCS-VA5** Soft Carrying Case

**FX7**

**LCH-FXA** Hard Carrying Case

Get maximum protection with this customised hard metal case. It comes with adjustable partitions and space for accessories. Tripod can be strapped on the side.

**LCS-VCB** Soft Carrying Case

Light weight and functional pack for HDR-FX7 and accessories, offering good padding and protection.

**UX7 / UX5 / HC7 / HC5**

**SPORTS PACK**

**SPK-HCC** Sports Pack  
5m Depth Rating

## TRIPODS

Prop up your camcorder for steady and smooth pans.

**UX7 / UX5 / SR1 / HC7 / HC5**

**VCT-R640** Basic Tripod  
Max. Height 1441, Min. Height 548mm

**VCT-D680RM** Tripod with Remote Grip  
Max. Height 1450, Min. Height 480mm

**RM-VD1** Remote Commander (For Tripods w/o Remote)

**UX7 / UX5 / SR1 / HC7 / HC5**

**VCT-1170RM** Remote Control Tripod  
Max. Height 1505, Min. Height 735mm

**VCT-PG10RM** Remote Control Tripod  
Max. Height 1490, Min. Height 820mm

## MICROPHONES

Improve your sound pickup with these microphones.

**UX7 / UX5 / SR1 / HC7 / HC5**

**ECM-HW1** Wireless Remote Microphone  
Bluetooth™ Operation  
Active Interface Shoe

**UX7 / UX5 / SR1 / HC7 / HC5**

**ECM-HST1** Stereo Microphone  
Active Interface Shoe

**UX7 / UX5 / SR1 / HC7 / HC5**

**ECM-HGZ1** Gun Zoom Microphone  
Active Interface Shoe

**UX7 / UX5 / SR1 / HC7 / HC5**

**ECM-MSDI** Electorate Condenser Microphone

## CABLES

Enjoy quick and easy connectivity between your digital devices.

**ALL MODELS**

**VMC-15HD/30HD** HDMI Cable

**VMC-30VC** Component Cable

**HC7 / HC5 / FX7**

**VMC-IL4408/4415/4435** i.LINK Cable

**VMC-IL4635** i.LINK Cable

## PRINTER

Print great looking high-resolution still images with ease.

**ALL MODELS**

**DPP-FP35** Digital Photo Printer with Memory Card Slot

**DPP-FP35** Digital Photo Printer

**SVM-F40P / F80P / F120P** Print Pack

## LIGHTS

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

**UX7 / UX5 / SR1 / HC7 / HC5**

**Without Video Light**

**With Video Light**

• Low light condition  
• Bright backlight situation

**Active Interface Shoe**

**HVL-HL1** 3W Video Light  
Active Interface Shoe

**HVL-HFL1** 3W Video Light & Flash  
Active Interface Shoe

**UX7**

**HVL-HIRL** Video IR Light  
Active Interface Shoe

**FX7**

**HVL-20DW2** Battery Video Light

**ALL MODELS**

**HVL-10NH** 10W Video Light  
Powered by 4 Ni-MH AA Batteries

## MEMORY STICK™

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

**ALL MODELS**

**MEMORY STICK**

**MSX-M4GS/X / M2GS/X / M1GS7/X / M512S/X / M256S/X** Memory Stick PRO Duo™

## MEDIA / TAPE

Record conveniently onto these portable media storage devices.

**HC7 / HC5 / FX7**

**DVM60R3** MiniDV Tape

**DVM63HD** High Quality HD MiniDV Tape

## LCD PROTECTOR

Keep your screen clean and scratch free.

**UX7 / FX7**

**PCK-L35W** LCD Protector

**UX5 / HC7 / HC5**

**PCK-L27W** LCD Protector

**FX7**

**SH-L35W** LCD Hood

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