

VIXIA HV30

High Definition Camcorder

Item Code: 2680B001

Overview



The dramatic Canon VIXIA HV30 is the latest in our offering of HD camcorders, incorporating advanced features to bring knowledgeable and demanding videographers the ultimate in HD video and digital photo quality. The VIXIA HV30 is packed with Canon Exclusive features you won't find anywhere else. Our own Full HD CMOS sensor and advanced DIGIC DV II image processor deliver breathtaking detail and the best in color reproduction. SuperRange Optical Image Stabilization and Instant Auto Focus gives you the shot control High Definition demands. With the Genuine Canon 10x HD video zoom lens and a host of other advanced features the VIXIA HV30 is sure to be your choice in High Definition camcorders. And, with its HD and Standard Definition recording modes, you can make the move to HD without making your SD equipment obsolete.

All this is possible thanks to the vast experience Canon has with photographic and broadcast television cameras with optical excellence, advanced image processing, superb performance, and the latest in technological advancements. Canon has long been a leader in bringing advanced features to its products, taking advantage of our superiority in optics and image processing.

The VIXIA HV30 is easy to use and delivers the high level of performance you've come to expect from Canon. It's the next step in premium quality High Definition camcorders for which sophisticated and discerning videographers have been waiting.



Features

The Image Quality of HD

The VIXIA HV30 is the HD camcorder to go along with everything else in your HD world. It captures true 1080 High Definition resolution video in 16:9 format, using MiniDV cassette tapes. The VIXIA HV30's true 16:9 widescreen HD image is made for your new HD widescreen TV. High Definition and widescreen are the future. Be sure you invest in that future with Canon's VIXIA HV30.



At the same time, the VIXIA HV30 gives you the flexibility to record in SD (standard definition) mode, too. That means you can enjoy the ultimate in HD video and photo quality, and still shoot SD video for viewing on your non-HD equipment.

HD Video Lens



10x/200x
OPTICAL ZOOM / DIGITAL ZOOM



HD Video Lens

Since 1934, Canon has been producing exceptional photographic lenses that are synonymous with unsurpassed optical performance. Because of Genuine Canon Optics, every Canon broadcast lens, 35mm film camera, digital camera and camcorder assures brilliant optical quality - and the VIXIA HV30 is no exception.

The VIXIA HV30 comes with an outstanding High Definition video lens - a 10x HD Genuine Canon Optical zoom. It's the lens you need to record long shots of your child on the soccer field, wide shots of beautiful landscapes, and everything in-between. And because it comes with three pre-set zoom speeds, you always get smooth, steady, professional looking zoom shots.



Super spectra coating technology results in images with minimal flare and ghosting. Plus, the new lens' aspheric design reduces aberration and increases resolution, ensuring crisp, sharp video and enhancing the HD image quality. Not only that, but a new gradation ND system gives you better exposures in bright shooting situations.

Canon Exclusive: Full HD CMOS Sensor (1920 x 1080)

The VIXIA HV30 features a Canon designed and manufactured CMOS image sensor. The CMOS image sensors in Canon's EOS Series Digital SLR cameras result in outstanding digital photographs. In the VIXIA HV30, the CMOS sensor reproduces high-resolution images at 1920 x 1080 resolution with full HD information in video images.



Compared to a CCD, the VIXIA HV30's CMOS's high color resolution and advanced color reproduction gives brilliant results. It is also unique in featuring Canon's proprietary noise reduction technologies for crisp, sharp images. Low noise technology also means that even in dimly lit scenes, the signal from each pixel is as pure as possible, with minimal noise or other aberrations. It's the ideal sensor for HD.

The VIXIA HV30 uses an RGB Primary Color Filter with Bayer Pattern that separates light into red, green and blue color components. This results in vibrant images with deep, rich, accurate color and natural-looking tones similar to what you'd obtain from 3CCD camcorders. In addition, it is the Bayer pattern that delivers sharp high definition images without creating false colors. As an added benefit, the CMOS sensor provides outstanding image capture in low light conditions.



Canon Exclusive: DIGIC DVII

DIGIC DVII is the next generation of Canon's exclusive DIGIC DV signal processing technology. Designed specifically for HD, DIGIC DV II ensures optimal image quality. It also ensures optimal image quality for still images, even though video and still images have different color requirements. DIGIC DV II is just another one of Canon's advanced technologies that make the VIXIA HV30 an exceptional performer.

**DIGIC
DVII**

Thanks to DIGIC DV II image processing, the VIXIA HV30 produces video with improved color reproduction -- especially in skin tones, and dark and light scenes. It also uses a hybrid noise reduction system that employs two types of noise reduction -- for high definition images that are crystal clear.



Plus, DIGIC DV II enables improved continuous shooting of digital photographs with the VIXIA HV30. You can shoot five (3.1 Megapixel) still images per second, and enjoy faster processing of your images to your memory card (1.4x normal card; 2.5x Hi Speed card). It also helps lower power consumption for longer battery life.

Canon Exclusive: SuperRange Optical Image Stabilization

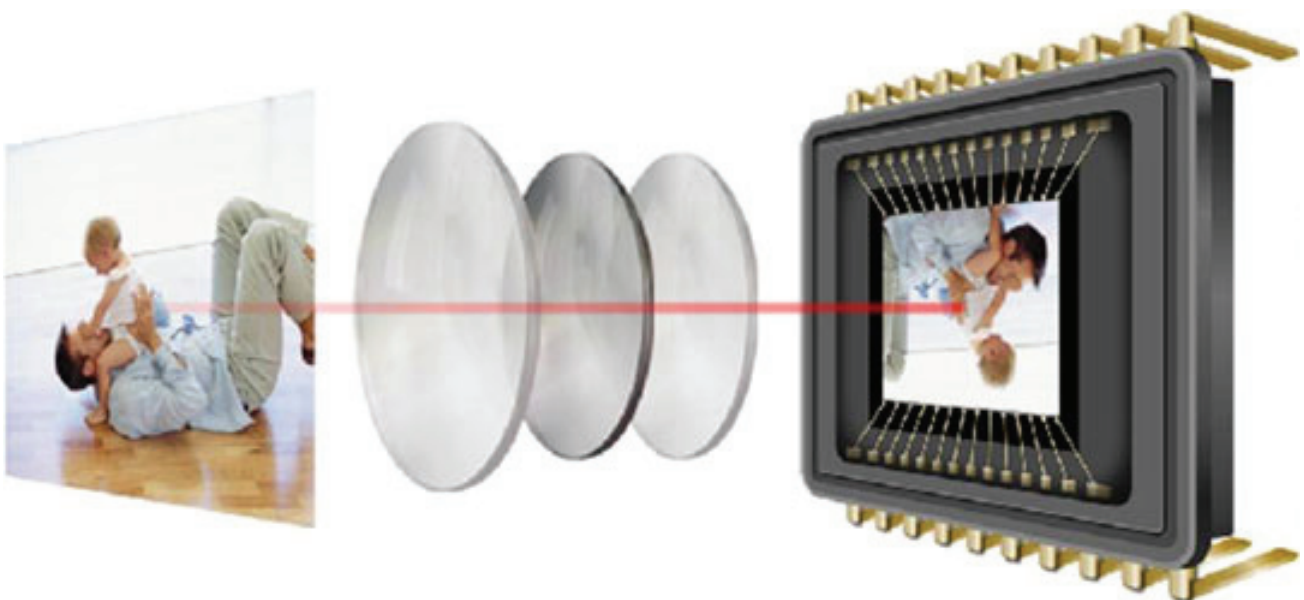


Canon's innovative SuperRange OIS combines gyro- and image-sensors to give image stabilization through a wider range of camera motions. Some image stabilization systems correct one type of camera motion or vibration better than another. But Canon's SuperRange OIS corrects for a wide range of camcorder motion: the fast vibration you'd experience while recording from a moving car; the medium-speed motion of hand-held recording; and the slower motion of body sway. No matter what you're recording and how you're recording it, the VIXIA HV30's stabilization design corrects camcorder shake instantly. SuperRange OIS also delivers steady images when shooting at long focal lengths.

SuperRange

**OPTICAL
IMAGE
STABILIZER**

In addition, optical stabilization keeps your shot steady without a loss in image quality -- something that can't be said for electronic image stabilization. And image stabilization isn't just for video; you can even use it for taking sharper, clearer digital photographs with your VIXIA HV30. Thanks to Canon's expertise, it's easy to eliminate one of the telltale signs of amateur video and photography.

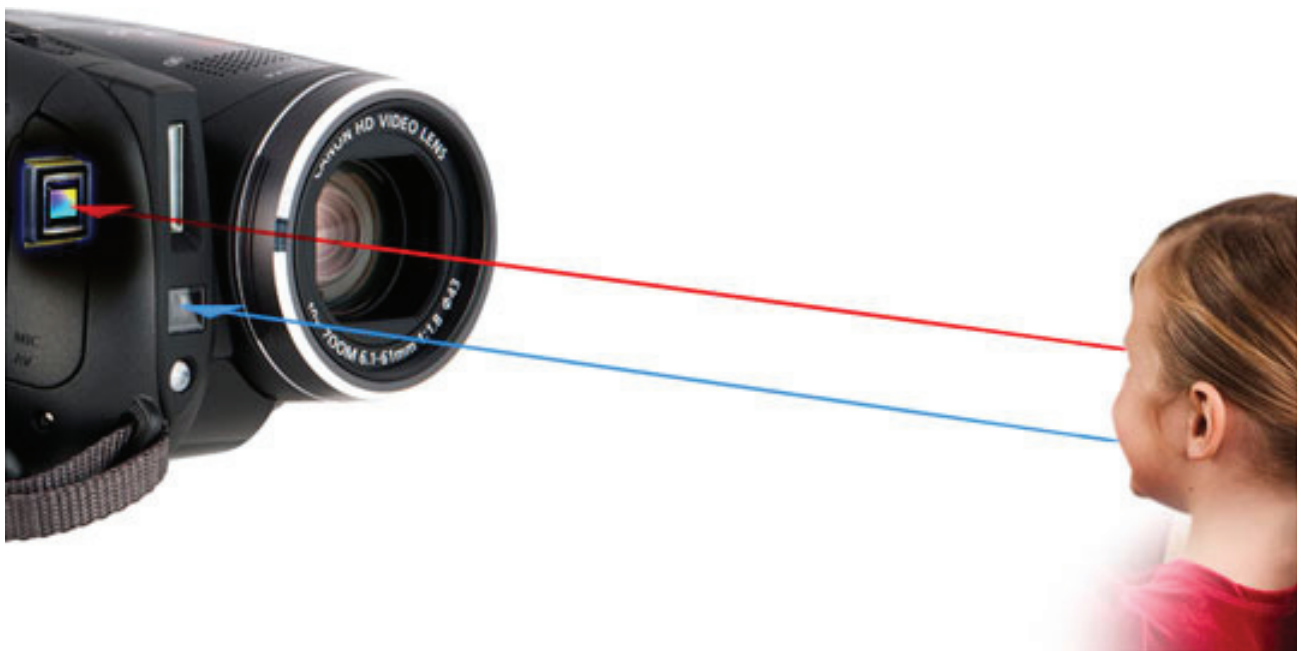


Canon Exclusive: Instant AF (Auto Focus)



Since it is critical to achieve very sharp focus when shooting in High Definition, the VIXIA HV30 camcorder features Canon's revolutionary Instant AF focusing system. It offers a dramatic improvement in auto focus speed and accuracy (compared to traditional autofocus systems).

The Instant AF feature uses an external sensor, in combination with Canon's autofocus system, to help significantly decrease the time it takes to find focus, even in low light conditions. This system achieves focus instantaneously, reducing focus "hunting." The benefits of Instant AF are especially seen in high brightness and night shooting situations. With Instant AF, it's possible to get fast, accurate focusing, even when following a moving subject.



Canon Exclusive: 2.7" Multi-Angle Vivid Widescreen LCD

The 2.7" Multi-Angle Vivid Widescreen LCD on the VIXIA HV30 lets you see more of what your camcorder is recording. Using a hard coat AR surface and improved color reproduction, the scene in the viewfinder is more accurate to what you're capturing in the camcorder. An added benefit of this **Canon Exclusive** is the wider range of viewing angle possible with this new LCD screen. With less glare and deeper contrasts, groups of people can gather around it and see the image displayed more clearly than ever before.



Brilliant Video

Canon Exclusive - 2.96 Megapixel Full HD CMOS

Canon's own CMOS sensor reproduces high-resolution images at 1920 x 1080 resolution with full HD information in video images. Compared to a CCD, the VIXIA HV30's CMOS's high color resolution and advanced color reproduction gives brilliant results. It is also unique in featuring



Canon's proprietary noise reduction technologies for crisp, sharp images. Low noise technology also means that even in dimly lit scenes, the signal from each pixel is as pure as possible, with minimal noise or other aberrations. It's the ideal sensor for HD.

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Canon Exclusive - DIGIC DV II

Thanks to DIGIC DV II image processing, a Canon Exclusive, the VIXIA HV30 produces video with improved color reproduction -- especially in skin tones, and dark and light scenes. It also uses a hybrid noise reduction system that uses two types of noise reduction, for high definition images that are crystal clear.



Variable Zoom Speed Control

Another sure sign of amateur video is the unsteady zoom shot. But with the VIXIA HV30's zoom control, you simply select one of three pre-set zoom speeds for smooth, steady, professional looking zooms.

Level and Grid Markers

With the Level Marker feature, it's easy to keep your camera level for more professional looking video. Line up any horizontal lines in your shot - such as the horizon - to the marker and you can be sure your camcorder is level.

The VIXIA HV30's Grid Marker feature lets you compose your shot accurately, according to the grid in your viewfinder. You can even choose from two different colors for the grid. This ensures that you see the grid, no matter what the background color of your shot.



Low Light Performance



Some of the most magical shots are taken at the end of the day or long after the sun has set. You won't miss any of them, thanks to the VIXIA HV30's bright Mini Video Light. The light lets you shoot subjects in color in low light up to 4.9 feet away. So, whether it's a shot of a sleeping baby, or a dramatic skyline at night,

24p Cinema Mode

24p Cinema Mode enables all aspiring moviemakers to achieve a professional “film-look.” You can change the camcorder’s frame capture rate to 24p (recorded at 60i), which provides the appearance of the same frame rate as movie film. In addition, you can use the VIXIA HV30’s CINE setting, which changes the color and tonal characteristics, evoking the look and feel of a movie shown in a theater. For added flexibility, these settings can be used together or independently.



Cinema Mode



Normal

30p Progressive Mode

This is a unique feature that only Canon offers in the consumer camcorder market. You would otherwise have to look to professional video cameras in order to have this sophisticated tool at your command. In addition to the standard interlaced video frame rate of 60i, you may choose to set the VIXIA HV30 to capture video in 30p which is (30 progressive frames) particularly useful for footage to be used on the Internet. In addition, this setting gives enhanced quality to still images captured after recording. Excellent for action shots and sports.



30p Mode



60i Mode

Artist's impression

Stunning Digital Photography

Canon's advanced image processing technology means your HD camcorder is also a high performance digital camera capable of capturing stunning 2.76 Megapixel photos in 4:3 aspect ratio to a miniSD™ card (2.07 Megapixels at 16:9). It's like having an HD digital video camcorder and digital still camera -- all rolled into one. What's more, the VIXIA HV30's many advanced photo features make it a camera that rivals other state-of-the-art digital cameras. With Canon technology, it's not just video and photos -- it's the best of both.

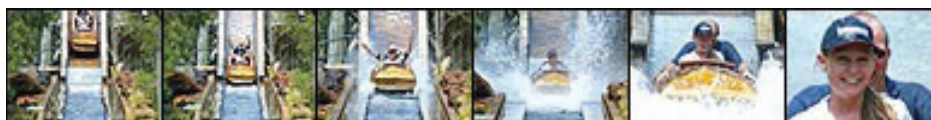
2.96 Megapixel Full HD CMOS

The same Canon Exclusive 2.96 Megapixel Full HD CMOS image sensor that ensures sharp, vivid HD video also gives you brilliant digital photographs. Like the CMOS image sensors in Canon's EOS Series digital SLR cameras, the VIXIA HV30's image sensor results in outstanding digital photographs. It gives an impressive resolution of 1920 x 1440 for sharp, crisp still images.

**3.1 MEGA
PIXELS**
STILL IMAGE RECORDING

DIGIC DV II

DIGIC DVII, a Canon Exclusive, enables improved continuous shooting of digital photographs with the VIXIA HV30. You can shoot 5 (3.1 Megapixel) still images per second, and enjoy faster processing of your images to your memory card (1.4x normal card; 2.5x Hi Speed card).



Focus Features

Auto Intelligent Auto Focus ensures sharp images and gives creative flexibility. Even when your subject isn't in the center of the frame, the VIXIA HV30's Ai-AF will automatically select from 9 metering frames on the screen to help bring images into sharp focus.



Since it is critical to achieve very sharp focus when shooting in High Definition, the VIXIA HV30 camcorder features Canon's revolutionary and exclusive Instant AF focusing system. It offers a dramatic improvement in auto focus speed and accuracy (compared to traditional autofocus systems). The Instant AF feature uses an external sensor, in combination with Canon's autofocus system, to help significantly decrease the time it takes to find focus, even in low light conditions. This new system achieves focus instantaneously, reducing focus "hunting." The benefits of Instant AF are especially seen in high brightness, and night shooting situations. It's even possible to achieve fast, accurate focusing, even when following a moving subject. And because a properly focused subject is more critical than ever with HD, the VIXIA HV30 also features Focus Assist. This helps in capturing your subject in razor sharp focus. (When you start recording, this assistance is automatically cancelled.)

Auto Exposure Modes

Like any good digital still camera, the VIXIA HV30 lets you choose from a range of exposure modes. Auto mode automatically sets the exposure, letting you concentrate on your subject. AV (aperture priority) mode lets you control depth of field by letting you choose the aperture. TV (shutter priority) mode lets you select the shutter speed for sharp action shots. In P (program) mode, the camcorder adjusts camera settings automatically.

Program AE Mode

Your life happens everywhere, so the VIXIA HV30 gives you settings that automatically result in the best exposure settings for different conditions and different subjects.



Portrait mode ensures shallow depth of field for a pleasing background to your shots of friends and family. Sports mode stops the action with faster shutter speeds. Night mode is designed to give you great shots after the sun goes down. Snow and Beach modes compensate for bright surroundings and give you the proper exposure on your subject. Sunset mode results in vibrant, well-exposed colors for one of the toughest subjects to capture. Use Spotlight mode when your child is on stage and in the spotlight -- literally -- and you want to make sure the exposure is right for them. And, Fireworks mode records brilliant images of another tough subject: the holiday fireworks display.

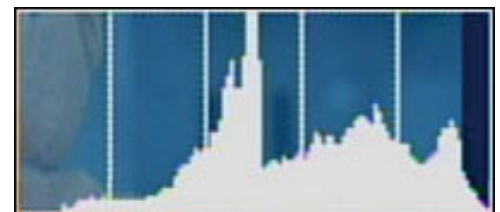
Simultaneous Photo Recording



With the VIXIA HV30, you can record HD video and capture a 2 Megapixel photo to a memory card -- simultaneously. Simply press the photo button while recording and you've got an e-mail ready digital photo to share with friends and family.

Histogram Display

For the advanced digital photographer, the VIXIA HV30 comes with a Histogram Display -- a feature found in Canon's line of digital SLR cameras. The display allows you to see the brightness information of your still images, so you can adjust your exposures as you shoot.



Level and Grid Markers

With the Level Marker feature, it's easy to keep your camera level for more professional looking photographs. Line up any horizontal lines in your shot -- such as the horizon -- to the marker and you can be sure your camcorder is level.

The VIXIA HV30's Grid Marker feature lets you compose your shot accurately, according to the grid in your viewfinder. You can even choose from two different colors for the grid. This ensures that you see the grid, no matter what the background color of your shot.



Still Capture from Tape

The versatile VIXIA HV30 even lets you capture a still image from an already recorded movie. While playing the movie in your camcorder, simply press the photo button to capture a 2.07 Megapixel still frame on a miniSD™ card. It's another way the VIXIA HV30 lets you enjoy and share your precious memories.

Built-in Flash



Your VIXIA HV30's built-in flash lets you capture superb photos indoors and in low light conditions.

Edit and Share Your Video



You can edit and share your video with the VIXIA HV30. Once you're connected to your computer, DV streaming and ultra-fast transfer of movies is a breeze. And because the VIXIA HV30 uses the IEEE 1394 protocol, there's no loss of picture or audio quality in the process. You'll want to share your brilliant HD memories with friends and family, and the VIXIA HV30 makes it fast and easy.

HDMI & Advanced Accessory Shoe Terminals

With the VIXIA HV30, sharing your High Definition video on your HD television is easier than ever. Only a single cable connects your camcorder to your TV for the highest quality playback (video and audio).



Video Light VL-3



Video Flash Light VFL-1



Directional Stereo Microphone DM-50

Another pro-level feature of the VIXIA HV30 is the Advanced Accessory Shoe Terminal on the camcorder. Attach extras such as a video light or directional microphone without additional wires or batteries to raise the production value of the video you shoot.



ADVANCED ACCESSORY SHOE

Share Your Photos

Your VIXIA HV30 comes with a variety of features that make it simple to share your still photos.

Print/Share

Print/Share turns your VIXIA HV30 into a photo lab in the palm of your hand. Simply connect your camcorder directly to select Canon printers or any PictBridge-compatible printer with the supplied USB cable. Then, with a simple touch of the Print/Share button, print directly from your VIXIA HV30 without going through a computer.



Print/Share also makes it easy to transfer your still images to your computer. Simply connect your VIXIA HV30 and your computer, press the Print/Share button and your photos are downloaded to your computer.

miniSD™ Memory Card Compatible

The VIXIA HV30 makes it easy to store digital photos on an optional miniSD Memory Card. Popularly used in today's newest cell phones and half the size of a standard SD card, the miniSD Card offers the benefit of high-capacity storage in a very small size.



Additional Features

- The **Built-in Electronic Lens Cover** means you never have to go looking for your lens cover again. Turn your camcorder on and the lens cover automatically opens. Turn it off, and the cover closes.
- **Playback of 60i/30p/24P Video**
- **USB 2.0 Full Speed Terminal** for fast transfer of photos.
- **Analog-Digital Converter** lets you share the precious video memories you have stored on analog videotapes. Simply feed the analog signal from your TV, VCR or analog camcorder to your VIXIA HV30 to convert the signal to digital for recording on DV tape. Or use your VIXIA HV30 as a signal converter by connecting it between an analog device and another digital device.



- **Wireless Remote Control** lets you operate your VIXIA HV30 from a distance, so you won't be left out of the picture.
- **1 Year Parts And Labor Limited Warranty** provides protection long after other manufacturers' warranties expire.

Specifications

Digital Video

Power Consumption	TBA
Image Sensor	1/2.7" CMOS Sensor, RGB Primary Color Filter
Total Pixels	Approx. 2.96 Megapixels
Effective Pixels	HD/DV (16:9) mode: Approx 2.07 Megapixels (1920 x 1080) DV (4:3) mode: Approx 2.76 Megapixels (1440 x 1080)
Maximum Recording Time (with an 80-min. cassette)	SP: 80 minutes, HDV, DV. LP: 120 minutes DV
Lens	Zoom Ratio: 10x Optical/200x Digital Focal Length: f=6.1-61mm Zoom Speed: Variable/3 Fixed Zoom Speeds Max. F/Stop: f/1.8-3.0mm (when tapes are used) Filter Size: 43mm
Focusing System	Instant AF, Through the Lens/Manual Focusing Possible
Manual Exposure	Yes
Programmed AE	Auto, Program, Av, Tv, CINE, Portrait, Sports, Night, Snow, Beach, Sunset, Spotlight, Fireworks
Supported Playback Modes	1080/60i, 1080/24p, 1080/30F, 1080/24F, 1080/30p
Max Shutter Speed	1/2000 1/500 (card)
Auto Date/Time	Yes
Minimum Focusing Distance	10 mm (wide)/1m (tele)
White Balance	Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H
Image Stabilization	SuperRange Optical (lens shift)
Viewfinder	Widescreen 0.27" Color Viewfinder/ (Approx 123,000 pixels)
LCD Screen	2.7" Multi-Angle Vivid Widescreen LCD (Approx. 211,000 pixels)
Recording Media	High Definition MiniDV (recommended) (63min.) or MiniDV cassette
Audio	DV: 16 bit (2ch) 48 kHz 12 bit (4ch) 32 kHz 4ch synchronous recording not possible HDV: MPEG1 Audio Layer II (2 ch) (4-channel playback of tapes containing 4-channel recordings possible)

HDMI Terminal	Type A (19 pins) 480i/480p/1080i Format Supported
Microphone Terminal	3.5 mm Stereo Mini-jack
AV Mini Terminal/Headphone Terminal	3.5 mm 4 pole Mini-jack
Dimensions	(WxHxD) 3.5 x 3.2 x 5.4 in/88 x 82 x 138mm
Weight (not including lens and battery pack)	1.2 lbs. (535g)

Supplies & Accessories



CA-570 Compact Power Adapter

This compact adapter powers your camera from an AC power supply and charges your batteries on the camera. This allows for uninterrupted recording of your special events and keeps your batteries ready to go.



CB-2LW Battery Charger

Use the battery charger to charge the battery packs. It plugs directly into a power outlet without a cable.



Car Battery Charger CBC-NB2



BP-2L14 Battery Pack

Lithium-Ion batteries, unlike Nickel-Cadmium batteries, have no “memory effect” which can reduce the usable power of the battery over time.



S-150 Cable

Used to connect the camcorder to a TV or VCR with S-Video analog connection.



STV-250N Mini Plug to RCA

Used to connect to a TV or VCR.



Interface Cable IFC-400PCU

Shoulder Strap SS-600

SC-A30 Genuine Leather Carrying Case

Once you finish recording, keep your camcorder and all your accessories in this professional-looking, genuine leather soft carrying case.

SC-A40 Genuine Leather Carrying Case

Once you finish recording, keep your camcorder and all your accessories in this professional-looking, genuine leather soft carrying case.

SC-A60 Genuine Leather Carrying Case

Once you finish recording, keep your camcorder and all your accessories in this professional-looking, genuine leather soft carrying case.

Soft Case SC-A70



SC-2000 Soft Carrying Case

Protect your camcorder with the professional-quality SC-2000 Soft Carrying Case, featuring secure compartments for filters and extra battery packs.



Tele-Converter TL-H43

High-Def Compatible 1.7x Tele-Conversion Lens



Filter Set FS-43U II

Neutral Density Filter and MC Filter for 43mm



VL-3 Video Light

The VL-3 Video Light connects to the Advanced Accessory Shoe and is powered directly by the camcorder.



Video Flash Light VFL-1

To be used with advanced accessory shoe combination video light & flash unit.



DVM-E60 Digital Videocassette

This tape allows the recording of 60-minutes of video in SP mode and 90-minutes in LP mode.



DVM-CL Digital Video Head Cleaning Cassette

This is used to clean the video head for a digital video camcorder.

DVM-E80 Digital Videocassette

This tape allows the recording of 80-minutes of video in SP mode and 120-minutes in LP mode.



Canon DigitalMaster HDVM-E63PR Mini DV Tape

For Professional Use - Trust your memories will be captured and saved in high-quality when you use this Canon HDV tape, recommended recording media for any Canon HDV camcorder. (63 min. recording capacity.)



Battery Pack NB-2LH



BP-2L24H
2400mAh Lithium Ion Battery pack



Component Cable CTC-100
Cable



Wide-Converter WD-H43
High-Def Compatible 0.7x Wide-Conversion Lens



DM-50 Directional Stereo Microphone
Get near-professional quality sound for your movies with this shotgun stereo mic. Select from pure shotgun or shotgun + surrounding sound modes. Since the mic is powered by the camcorder's power source, you remain cable free. Wind shields are included.

**Can't find the part or accessory you're looking for? Customer Support can help.
Call 1-800-828-4040 for assistance.**

What's in the Box

VIXIA HV30 Kit Contents:

1. VIXIA HV30 Camcorder
2. BP-2L13 Battery Pack (with Terminal Cover)
3. CA-570 Compact Power Adapter
4. STV-250 N Stereo Video Cable
5. WL-D87 Wireless Controller
6. IFC-300PCU USB Cable
7. CTC-100/S Component Cable
8. Digital Video Solution Disc for Windows and Macintosh

