

Think GAIA
For Life and the Earth

SANYO

It's not just a camcorder.

It's a
**Dual
Camera**



PHOTOS & VIDEOS



VPC-WH1 Series

HD Quality Photos & HD Videos

- ▶ **Waterproof (10ft / 3m)**
- ▶ **High Speed Sequential Shot**
- ▶ **Optical 30x Zoom**



Xacti

HD Quality (2M) Photos & HD (720p) Videos with Waterproof (10ft/ 3m)

2M Photos & 720p Videos

The 2-megapixel of the Xacti WH1 enables beautiful photos with vivid color and intricate detail. The MPEG-4 AVC/H.264 format creates small, easy to handle files, and longer recordings. The Xacti WH1 also connects directly to a large-screen 16:9 HDTV.

Optical 30x Zoom (1,500x with Digital Zoom)

The Xacti WH1 incorporates a high-performance 30x optical zoom lens with a maximum aperture of F1.8, allowing distant subjects and people to be captured in beautiful quality. Combined with the 50x digital zoom, up to 1,500x zooming is possible.

Waterproof (10 ft/3 m)

A waterproof design* lets you shoot at the beach, by the pool, or on ski slopes without worrying about submerging the camera or getting it wet from rain or snow. This lets you record action that would be impossible to capture with other cameras. * JIS Level 8, equivalent to IPX8

HDMI Output

The WH1 makes it extremely simple to watch recorded images on a HDTV with optionally sold HDMI cable.

High-Speed Sequential Shooting

The WH1 is capable of high-speed sequential shooting at 13 frames per second (up to 29 frames) in [2M] mode, ensuring that you won't miss important shots. It also allows sequential shooting at 13 frames per second (up to 30 frames) in [1.1M] mode.

- Face Chaser for Photos & Videos
- Digital Image Stabilizer
- Long Life (200min.) Li-ion Battery

Note: • Do not immerse in water at a depth greater than 1.5 m (4.92 ft).
• Do not immerse in water for longer than 60 minutes. After 60 minutes of use in water, allow to dry for at least 10 minutes.
• Do not immerse in water that is warmer than 40 °C (104 °F).
• Do not open and close the battery/card compartment cover with wet

Various Shooting Mode

Scene select	Digital Filter
sports/portrait/ landscape/night portrait/ snow & beach/ fireworks/lamp	cosmetic/ monochrome/ sepia

Other Features

2.5" LCD Monitor

In camera editing function

Versatile manual mode

9-point AF

Talking navigation guide

Playback zoom & copy

Self-timer 2sec/10sec

Internal flash

Voice recorder function

Stereo recording

Simple mode

Super Macro Shooting: 1cm

Multi-language Graphical User Interface:
English/ French/ German/ Spanish/ Italian/ Dutch/ Russian/ Portuguese/ Turkish/ Thai/ Korean/ Simplified Chinese/ Traditional Chinese

Model Number		VPC-WH1 Series
Effective pixel count	Photo	Approx. 1.1 megapixels
	Video	Approx. 0.97 megapixels (in HD), Approx. 1.1 megapixels (in SD)
Image sensor		C-MOS sensor, 1/6 inch, approx. 1.1 megapixels
Recording media		SD Memory Card (Up to 32 GB SDHC Memory Card), Internal memory approx. 43 MB
Recording file format	Photo	JPEG (DCF*1, DPOF*2, Exif Ver2.2*3 standard)
	Video	ISO standard MPEG-4 AVC/ H.264 (.MP4), Audio: 48 kHz sampling, 16 bit, 2 ch, AAC compression
Resolution (pixels)	Photo	[2 M]: 1600 x 1200, [1.1 M]: 1184 x 888, [0.9 M (16:9)]: 1280 x 720, [0.3 M]: 640 x 480
	Sequential Video*4	[2 M]: 1600 x 1200 (13 fps, max.29 shots), [1.1 M]: 1184 x 888 (13 fps, max.30 shots)
Lens	Photo	[HD-SHQ]: 1280 x 720 (30 fps, 9 Mbps), [TV-HR]: 640 x 480 (60 fps, 6 Mbps), [TV-SHQ]: 640 x 480 (30 fps, 3 Mbps)
	Video	[HD-SHQ]: 1280 x 720 (30 fps, 9 Mbps), [TV-HR]: 640 x 480 (60 fps, 6 Mbps), [TV-SHQ]: 640 x 480 (30 fps, 3 Mbps)
Angle of View / Zoom ratio (35mm equiv.)		Photo: f=43 - 1290mm, Video: f=43 - 1290mm (30x Optical zoom lens)
Photo range		Standard: 50 cm - infinity (wide), 1.0 m - infinity (tele), Super macro: 1 cm - 1.0 m (wide)
Shutter speed	Photo	1/2 - 1/500 sec. (Flash: 1/30 - 1/500 sec., Lamp mode: Max. 2 sec.)
	Sequential Video	1/15 - 1/500 sec. (No flash)
Digital zoom	Shooting	Max. approx. 50x
	Playback	Max. approx. 25x ([2 M] mode, varies with resolution)
Focus		Auto (Photo: 9-point AF/ Spot AF, Video: Continuous area AF), Manual
Scene select		Auto, Sports, Portrait, Landscape, Night Portrait, Snow & Beach, Underwater, Fireworks, Lamp*5
Digital filter		Standard, Cosmetic, Monochrome, Sepia
Photometry		Multi, Center-weighted, Spot
Minimum illumination for Video		Approx. 11 lux (Auto mode, 1/30 sec.), Approx. 3 lux (High sensitivity or Lamp mode, 1/15 sec.)
Sensitivity		Auto (ISO50 - 200), Manual (ISO50/ 100/ 200/ 400/ 800/ 1600, Switching System)
Exposure correction		±1.8 EV (in 0.3 EV steps)
Digital image stabilizer	Photo	Electronic image stabilizer
	Video	Electronic image stabilizer
Face Detection		up to 12 faces at same time
Other functions		Red-eye correction in Photos / Wind noise reduction
Self timer		2 sec./ 10 sec.
White balance	Auto	Full auto TTL
	Manual	Sunny, Cloudy, Fluorescent, Incandescent, One-push
Flash		Auto, Forced (with slow synchro in Night Portrait mode), Off
Flash range		GN= 3.8, Approx. 50 cm - 4.2 m (wide), Approx. 80 cm - 1.8 m (tele)
Audio		Microphone: Built-in stereo, Speaker: Built-in monaural (L/R mixed output)
Monitor		2.5 inch Low-temperature polysilicon TFTcolor wide screen LCD, Approx. 150,000 pixels (7-level brightness, 285-degree rotation)
Interface		AV output (Video: HDMI/ Component video/ Composite Video (NTSC/ PAL), Audio: Stereo), USB2.0 (high-speed mode)
Languages		English/ French/ German/ Spanish/ Italian/ Dutch/ Russian/ Portuguese/ Turkish/ Thai/ Korean/ Simplified Chinese/ Traditional Chinese
Power source		Lithium-ion battery (DB-L50, included: 1900 mAh (typ.))
Power consumption		Using battery: 3.0 W (when shooting videos)
Approx. Battery life*6	Photo	Approx. 470 Photos (CIPA standard)
	Video	Approx. 200 min., Continuous playback: Approx. 570 min.
Dimensions/ Volume		58.7 (W) x 112.4 (D) x 62.8 (H) mm (maximum dimensions, excluding protruding parts), Approx. 327 cc
Weight		Approx. 311 g (Body only), Approx. 354 g (including battery and SD card)
Operating environment		Temperature 0 - 40 °C (32 °F - 104 °F), Humidity 30 - 90 % (non-condensing)

Photo Capacities and Recording Times

SD Memory Card	Video Recording Time (Total Time)			
	HD-SHQ	TV-HR	TV-SHQ	Audio Only
4GB	57 min. 32 sec.	1 hr. 25 min.	2 hr. 45 min.	64 hr.
8GB	1 hr. 55 min.	2 hr. 51 min.	5 hr. 32 min.	130 hr.
16GB	3 hr. 51 min.	5 hr. 43 min.	11 hr. 6 min.	261 hr.

SD Memory Card	Still Image Capacity						
	2M	1.1M	0.9M [16:9]	0.3M	2M(Sequential)	1.1M(Sequential)	
4GB	2,880	3,540	3,760	4,770	2,880	3,540	
8GB	5,790	7,110	7,540	9,570	5,790	7,110	
16GB	11,600	14,200	15,100	19,200	11,600	14,200	

* Available video clip recording time is shown when a re-formatted card is inserted. * Photo capacities and video recording times are approximations only and may vary according to the memory card type and manufacturer, the subject and the shooting conditions. Particularly, when a low-speed SD card is used with HD-SHQ mode, consecutive shooting may be limited to only a few seconds. * When continuous recording time exceeds approximately 13 hours for audio, the file will be saved, and the subsequent data will be saved in a new file. Similarly, when the recording file size exceeds 4 GB, the file will be saved and subsequent data will be saved in a new file. (A new file is automatically created for every 4 GB. Although recording will continue until stopped, recording of video clips and sound will stop while files are being saved.)

Included Accessories	• CD-ROM (Xacti Software CD 1.2)	• AV cable	• Grip belt
	• USB cable	• Li-ion battery pack	• AC adaptor
Optional Accessories	<ul style="list-style-type: none"> • Li-ion Battery: DB-L50 • Battery Charger: VAR-L50 • AC Adaptor: VAR-G8 • mini HDMI Cable: VCP-HDMI02 <Available soon> • Component Cable: VCP-CPNT01 		

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*1 DCF (Design rule for Camera File system) is a standard designed by the Japan Electronics and Information Technology Association (JEITA) primarily to facilitate the use of image files from digital cameras with related devices. *2 DPOF (Digital Print Order Format) is a format for recording on storage media information specifying frames and numbers of copies for printing of images taken by digital cameras. *3 Exif Ver. 2.2 is an industry standard established for file formatting of images from digital cameras. *4 The actual frame rates for this model are 59.94 fps at 60 fps and 29.97 fps at 30 fps. *5 For still images, only available in [1.1M] / [0.9M] / [0.3] mode. *6 Number of pictures based on CIPA (Camera & Image Products Association) standards. Video times reflect shooting in [HD-SHQ] mode. Playback times reflect continuous playback. Actual times may vary.

Further details regarding this product can be accessed at <http://www.sanyo.com/xacti>

Caution: please consult the instruction manual to ensure safe and proper operation of the product.

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