

DSC-H9/B

Cyber-shot® Digital Still Camera

Shoot long distance, fast action, even night scenes. The 8.1 MP Sony® Cyber-shot® DSC-H9 provides Carl Zeiss® 15X Optical zoom, Advanced Sports Mode, even NightShot® infrared capability. Also: tilt-up 3.0" LCD screen for low-angle shots, Super SteadyShot® image stabilization, high sensitivity, Face Detection, HD Output², up to 250-shot³ Stamina® power.



Bullets

- 8.1 MP resolution, black or silver styling
- Powerful Carl Zeiss® 15X Optical zoom lens
- Tilt-up 3.0" LCD screen for low-angle shooting
- NightShot® Infrared system for shooting in darkness
- Face Detection to make faces look their best
- HD Output² to compatible HDTV
- Advanced Sports Mode
- Super SteadyShot® Image Stabilization
- 31 MB Internal Memory
- Up to 250-shot³ power

Features

High-Power Carl Zeiss® 15X Optical Zoom

A superb lens for bringing long-distance subjects up close, the pro-quality Carl Zeiss® Vario-Tessar® lens design of the DSC-H9 provides 15X Optical zoom design -- with 25X HD Digital zoom to enlarge the center portion of the picture so you see even more detail.

8.1 MP Super HAD™ CCD

More megapixels give you more detail and definition for editing, cropping, and making large digital prints. Sony's advanced Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.

3.0" Tilt-up Screen, Simple Controls

The DSC-H9 provides a huge, bright 3.0" Clear Photo LCD Plus™ screen that tilts up for comfortable low-angle shooting -- plus simple camera menus, a new GUI Home button, and Function Guide display that makes it easier to learn camera setup operations.

NightShot® Infrared System

Sony's NightShot® system provides infrared illumination for shooting in near-dark or totally dark conditions without using a flash -- so you can capture sleeping children, nocturnal animals and creative night scenes that lie beyond the power of conventional cameras.

Advanced Sports Mode

To capture fast-moving subjects in split-second detail, this innovative DSC-H9 shooting mode combines high shutter speed (1/4000 sec.) with Intelligent Continuous AF that responds more quickly to rapid motion -- a great way to catch the perfect moment in sports, children's games, pet tricks and more.

Long-Distance Flash

A powerful flash provides extra illumination to light up subjects farther from your camera, with precise light control and the ability to adjust flash for both front and rear sync when shooting at low-speed sync setting.

Super SteadyShot® Optical Image Stabilization

Other image stabilization systems crop in to compensate for "camera shake" -- but with the Super SteadyShot® system, optical sensors detect camera movement and send correcting signals to a stabilization lens that allows even ultra-long-distance digital photos to capture more detail with less camera shake distortion.

High Sensitivity Mode

With Super SteadyShot® image stabilization to minimize blur, High Sensitivity Mode (ISO 3200) lets the DSC-H9 shoot effectively in low light without flash to preserve the mood -- and Sony's original Clear RAW™ NR (Noise Reduction) image processing technology helps suppress the color noise that can accompany high-sensitivity shooting.

Face Detection

By automatically controlling focus, exposure, color and flash, this new Sony feature reveals faces in shadow, makes skin tones look more natural and eliminates harsh facial glare -- to help bring out every expression on every face in every shot, so you'll capture the personalities and emotions that make memories come alive.

HD Output²

Thanks to Sony, your photo album can go high-def -- with direct HD output² to your compatible HDTV screen, so you can view DSC-H9 still photos in spectacular high definition clarity and detail. Your life never looked so exciting!

HD Slide Show with Music

It's the high-definition viewing experience that makes photos come alive on compatible HDTV screens, accompanied by your choice of visual effects and any of four preset musical selections stored in memory or your favorite MP3 tunes downloaded from PC to your camera for use as background music.

9-Point Auto Focus

Because an off-center subject can make your shot more interesting, the DSC-H9 can measure auto-focus precision at 9 points on your screen -- giving you greater creative freedom to compose your image.

D-Range Optimization

Powered by the exclusive Sony Bionz™ high-speed processing engine, D-Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions.

In-Camera Retouching

The DSC-H9 lets you add creative effects to photos after you shoot -- including soft edge filter to soften backgrounds, cross filter to place starry "dazzles" at highlight points, partial color filter to mute surrounding colors, even fish-eye filter to create interesting fish-eye lens effects.

In-Camera Red-Eye Reduction

In-Camera Red-Eye Reduction. Irritating "glowing eyes" can ruin even the most creative photos -- so the DSC-H9 gives you in-camera correction at the touch of a button to reduce lingering red-eye effect that other systems might miss.

Electronic Color Viewfinder

In addition to its bright 3.0" LCD screen, the DSC-H9 has a built-in electronic color viewfinder that lets you shoot in traditional camera style and save battery power by turning your LCD screen off.

Remote Control Function

Remote Control Function. In both shooting and play mode, you can use a supplied remote control unit to control basic camera functions -- including zoom, menu settings, etc. -- so you can put yourself in the picture when shooting with a tripod or sit back and enjoy the show when you share images on your home TV screen.

Wheel Dial for Manual Exposure Modes

For more creative freedom, a simple wheel-dial control lets you quickly change camera settings in manual modes (shutter speed priority, aperture priority, manual exposure) and also control ISO sensitivity, focus area, and exposure value. In play mode, the wheel dial provides a quick way to view your next or previous shot.

31 MB Internal Memory

The DSC-H9 allows you to capture shots in-camera for later transfer to PC or Memory Stick Duo™ media -- so even if you forget your flash memory card, you can always get the shot.

Memory Stick Duo™ Media

The DSC-H9 has a built-in slot for optional Memory Stick Duo™ media or higher-capacity Memory Stick PRO Duo™ media -- the ultra-compact media for shooting, storing and sharing your photo images.

76X Smart Zoom® Feature⁴

Sony's Smart Zoom® feature gives you an amazing ultra-close crop on the central portion of interest in your photo while avoiding the image degradation of other digital zooms.

MPEG Movie VX Fine Mode

The DSC-H9 can capture VGA (640 x 480) audio/video clips at high frame rate (up to 30 frames per second⁵) -- with Optical Zoom in movie mode to let you zoom in or pull back while taking action shots.

Stamina® Battery Power

The DSC-H9 provides up to 250 shots³ with a fully charged NP-BG1 Lithium Ion battery -- enough shooting capacity to cover a long weekend or a whole vacation.

Specifications

Optics/Lens	
35mm Equivalent	31 - 465 mm
Aperture Range	Auto, (f2.7-5.6W)/ (f4.5-8T)
Digital Zoom	0-2.0X (Precision)
Exposure Compensation	±2.0 EV, 1/3 EV Step Increments
Face Detection	Yes
Focal Length	5.2 - 78 mm
Focus	9 Area Multi-Point AF, Monitoring AF, Flexible Spot AF
Macro Mode	Yes
Optical Zoom	15X
Shutter Speed	1/4-1/4000 sec. (Auto), 1-1/4000 sec. (Program Auto), 8 ¹ - 1/2000 (Aperture Priority), 30 ⁰ - 1/4000 (Manual/Shutter Priority)
Total Zoom	30X
Drive System	
Burst Mode	Up to 100 Shot at TBD fps (all resolutions)
Convenience Features	
AF Illuminator Light	Yes
Date/Time Stamp	No/ No
Erase/Protect	Yes/Yes
Media/Battery Indicator	Yes/Yes
Multi-Pattern Measuring	Yes

Power Save Mode	Yes (after approx. 3 min. of inactivity)
Red-Eye Reduction	Yes (On/Off all modes)
Self Timer	Yes (10 seconds, 2 seconds, Off)
Advanced Features	
Image Stabilization	Yes
In-Camera Editing	Red-eye reduction, soft edge filter, partial color filter, fish-eye filter
Interface	
PictBridge Compatible	Yes
Power	
Battery Capacity	3.6V, 960 mAh
Battery Type	Lithium-Ion NP-BG1
Software	
Operating System Compatibility	Microsoft® 2000 Professional, Me, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.0-10.4)
Supplied Software	Windows: Picture Motion Browser Vers 2.0 + USB Driver
Service and Warranty Information	
Limited Warranty Term	1 Year Parts & Labor
Inputs and Outputs	
Accessory Terminal	N/A

Audio/Video Output(s)	Yes via Multi-Use Connector
HD Output	Yes (1080i)
USB Port(s)	Yes (Supports USB 2.0)
General	
Imaging Device	1/2.5" Super HAD™ CCD
Megapixel	8.1 MP
Recording Media	31MB internal Flash Memory, optional Memory Stick™ DUO Media, optional Memory Stick DUO PRO™ Media
Convenience	
Color Mode(s)	Black & White, Natural, Sepia, Vivid
Movie Mode(s)	MPEG VX Fine with Audio (640x480 at 30fps) (MPEG VX Fine requires Memory Stick DUO PRO™ media), MPEG VX Standard with Audio (640x480 at 16fps), Presentation Mode (320x240 at 8.3fps).
Removable Flash Media Compatibility	Tested to support up to 8GB Memory Stick DUO PRO™ media capacity ¹ ; does not support Access Control security function.
Scene Mode(s)	Beach, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait

Still Image Mode(s)	Burst, Normal JPEG (Fine/Standard), Bracket Exposure
White Balance	Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, Flash, Manual
Operating Conditions	
Flash Mode(s)	Auto, Forced On, Forced Off, Slow Synch
Hardware	
Docking Station	N/A
LCD	3.0"² Flip-up Clear Photo LCD plus
Lens Construction	13 Elements in 8 Groups, 4 Aspheric Elements/ 1 ED
Lens Type	Carl Zeiss® Vario-Tessar®
Microphone/ Speaker	Yes/ Yes
Viewfinder	0.2" 201k LCD, TTL EVF
Accessories	

Optional Accessories	Rechargeable Lithium-Ion Battery (NP-BG1)
	Wide Angle Conversion Lens (VCL-DH0730)
	GPS Unit Kit (GPS-CS1KA)
	Memory Stick Duo™ PRO (MSX-512S)
	Memory Stick Duo™ PRO (MSX-1GS)
	Memory Stick Duo™ PRO (MSX-2GS)
	Memory Stick Duo™ PRO (MSX-M4GS)
Memory Stick Duo™ Adaptor (MSAC-M2)	
Memory Stick Duo™ USB Adptr (MSAC-US40)	

Supplied Accessories	NP-BG1 rechargeable battery
	BC-CSG battery charger
	Flower Lens Hood
	Lens Adaptor Ring
	Lens cap with strap
	A/V and USB multi-connector cables
	Shoulder strap
	Remote Commander
	Software CD-ROM
	Note: No Memory Stick® DUO media or adaptors are included.

1: Viewable area, measured diagonally

2: HD Output requires an optional Sony® HD connector cable; HDTV sold separately

3: Actual results may vary based on product settings, usage patterns, battery and environmental conditions.

4: Smart Zoom® feature will not work at highest resolution setting

5: Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.

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