

DSC-HX9V/B

With innovative features like Full HD for crystal clear movies, hi speed linear focus for dramatically clearer images and backlight correction to catch even the smallest details in high contrast shots, with the Sony® DSC-HX9V you'll find yourself falling in love again. Let yourself go and renew your passion.



Bullets

- Full HD 1080/60p with dual record of stills and movies³
- Sony® G lens with 16x optical zoom in a compact camera body
- 16.2MP "Exmor R" CMOS sensor for superior low-light performance
- Backlight Correction; get details in difficult lighting
- 3D stills and 3D Sweep Panorama⁴ mode
- Intelligent Sweep Panorama™ HR mode for one shot landscapes in high resolution
- Hi-speed Linear focus improves focus speed
- Background Defocus highlights your subject like a DSLR
- Superior Auto; awesome shots, automatically
- Fast capture with 10fps at full 16.2 MP resolution
- Digital Zoom; get closer to the movie action
- 24mm wide lens; Optical SteadyShot™ image stabilization
- Soft Skin mode reduces visible blemishes, and wrinkles
- Natural Flash corrects color balance for lifelike shots
- HDMI® output for easy connectivity⁶
- Smile Shutter™ technology automatically captures a smile
- Face Detection technology captures faces naturally
- Motion Detection suppresses blur in people and other subjects
- Anti-blink, Face Priority and Red-eye Reduction functions
- TransferJet™ technology allows easy wireless sharing⁵

Features

16.2 Megapixel Back-illuminated "Exmor R" CMOS Image Sensor

The DSC-HX9V features a 16.2 megapixel "Exmor R" CMOS image sensor that brings out the full resolving power of the camera's Sony® G lens to deliver extremely fast speed, high resolution, and stunning low-light sensitivity with improved image clarity and drastically reduced grain. In addition, the combined "Exmor R" CMOS sensor and BIONZ® image processor delivers extremely fast up to 10fps, Anti Motion Blur, Hand-held Twilight and 1080p movie modes.⁴

3.0" (921K dots) Xtra Fine LCD™ display

3.0" (921K dots) Xtra Fine LCD™ with TruBlack™ technology gives you deeper blacks and more color in your display, all while being thinner than most LCDs.

Compact camera with 16x optical zoom

The Sony® 16x optical zoom G lens brings distant subjects super close for great outdoors, sports, and travel photos. The compact size makes it easy to take along in a pocket, purse, or backpack.

Full HD 1080/60p

Record crystal clear movies at the highest resolution available with capabilities for 60p in 1080 Full HD. This provides stunning, fast motion video with less distortion for playback on your Blu-ray Disc™ players, Sony® PlayStation®3 systems and compatible PCs and HDTVs.

Backlight Correction HDR

Don't miss a single detail in high contrast shots. The built in backlight correction analyzes the image and automatically adjusts accordingly to give you a perfectly lit shot. Backlight Correction HDR helps correct for this by taking three pictures at different exposure settings and processing the best elements of each into a single image for more natural looking shots.

3D Still Image and 3D Sweep Panorama™ mode

Produce awe-inspiring images with 3D still image and 3D Sweep Panorama™ capabilities.⁴ Photos will take on a new dimension of creative capabilities for viewing the world in a whole new way.

Intelligent Sweep Panorama™ mode

With Intelligent Sweep Panorama™ mode just press the shutter, pan the landscape and let the camera do the rest. It automatically links together each frame to produce a high resolution panoramic image providing the ability to zoom in on small details. This model even detects faces and moving subjects to stitch intelligently different widths to help avoid subject distortion.

Hi-speed Linear Focus

Life moves fast, your camera's focus needs to move just as fast. The Hi-speed linear focus achieves dramatically clearer images with an auto focus that moves just as fast as your life.

Background Defocus

DSLR photographs are often beautiful because they blur the background, putting the emphasis on your subject. Now our point-and-shoot cameras can deliver this signature DSLR benefit. The system takes two shots, identifies the background and applies a defocused background keeping the subject crisp and clear.

Superior Auto mode

Get cleaner, more dynamic pictures and fewer missed shots. The camera automatically recognizes the correct scene mode, then quickly shoots and combines up to six shots to produce images with greater clarity, optimum dynamic range using backlight correction HDR technology and lower image noise using 6 shots layering technology. Superior Auto intelligently detects 33 scenes for still images and 44 scenes for movies, making it easy to get the best shot.

Digital Zoom

Capturing the right shot at the right moment has never been so easy. Digital zoom brings you right close up to the action so you can get that perfect shot, every time.

Optical SteadyShot™ image stabilization

Optical SteadyShot™ image stabilization uses a built-in gyro sensor to detect camera shake and automatically shifts the lens to help prevent blur without sacrificing image quality.

Soft Skin mode

Portrait subjects will love the results. Soft Skin mode recognizes skin tones and reduces the appearance of blemishes and wrinkles without affecting the rest of the shot.

Natural Flash

Conventional point-and-shoot camera flash shots just don't capture colors the way the eye sees them. Natural Flash mode takes a reference shot without flash and then uses that reference to correct the color, for far more lifelike images.

HDMI® output

The High-Definition Multimedia Interface® (HDMI) is a compact audio/video connector interface for transmitting uncompressed digital streams. HDMI connects digital audio/video sources such as a compatible camcorder, Blu-ray Disc™ player, a personal computer, a video game console, or an AV receiver to a compatible digital audio device and/or video monitor such as a digital television (DTV). Easily connect your Cyber-shot® camera via HDMI cable to any compatible HDMI compatible device to easily enjoy and upload content.⁷

Smile Shutter™ technology

Smile Shutter™ technology captures a smile the moment it happens. Simply press the Smile Shutter™ button and the camera does the rest. You can also select adult and child priority and indicate the degree of Smile Detection sensitivity. Intelligent Scene Recognition can be used together with Smile Shutter™ mode. This means that beautiful smiles can be captured with settings optimized for the particular scene, even in difficult conditions such as twilight and backlighting.

Face Detection technology

Sony's Face Detection technology can automatically distinguish between children and adults. Face Detection technology detects up to eight individual faces and adjusts flash, focus, exposure, and white balance to help deliver crisp, properly lit images of family and friends.

Motion Detection

It's frustrating to capture the perfect shot, only to review it later and discover subjects blinked during the photo. When the camera is set to Soft Snap, the Anti-blink function captures two images, recording only the photo with less squinting or blinking. If a blink is detected in other shooting modes, a warning will be displayed after you take the shot.

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Compatible with PC and Mac® Systems

The Full HD video captured with the DSC-HX9V can be used with the provided Picture Motion Browser software for PC and iMovie® (sold separately) for Mac® systems.¹

Includes Sony® PMB (Picture Motion Browser) Software ver. 5.5

Sony Picture Motion Browser software offers a simple, intuitive way to transfer, sort, and view your video and still images on your compatible PC. In addition, multiple output options let you burn your memories to DVD using an external DVD burning device (sold separately), as well as take advantage of one click upload to a number of popular video and photo sharing sites (such as Facebook® and Sony's Personal Space™ site).

Includes Sony® PMB Portable software

With the pre-installed Picture Motion Browser (PMB) Portable the DSC-HX9V makes it easy to pre-select videos and images in the camera and conveniently upload them from the camera to a compatible PC and popular Internet sharing sites without the need for any additional software to install.²

Specifications

Camera	
Camera Type	High zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" (7.77mm) "Exmor R" CMOS Sensor
Processor	BIONZ®
Pixel Gross	16.8MP
Effective Picture Resolution	16.2MP
Color Filter System	RGB primary color filters
Recording	

Media Type	optional "Memory Stick Duo" (No movie recording), optional "Memory Stick PRO Duo" (Mark 2 only for movie recording), optional "Memory Stick PRO-HG Duo", optional SD Memory Card (Class 4 or higher), optional SDHC Memory Card (Class 4 or higher), optional SDXC Memory Card (Class 4 or higher)
Still Image Mode	JPEG
Still Image Max Effective Resolution	Approx. 16.2 Megapixels
Still Image Size 16:9	12M (4,608 x 2,592) / 2M (1,920 x 1,080)

Still Image Size 4:3	16M (4,608 x 3,456), 10M (3,648 x 2,736), 5M (2,592 x 1,944), VGA (640 x 480); 3D: 16M (4,608 x 3,456) / 16:9 (12M) (4,608 x 2,592)
Panorama Still Image Size	2D: 7,152 x 1,080 (204deg) / 4,912 x 1,080 (140deg) / 4,912 x 1,920 (149deg) / 3,424 x 1,920 (104deg); 3D: 7,152 x 1,080 (204deg) / 4,912 x 1,080 (140deg) / 4,912 x 1,920 (149deg) / 3,424 x 1,920 (104deg) / 1,920 x 1,080 (55deg)
Sweep Multi Angle Image Size	1,920 x 1,080 (15views)

Video Format	AVCHD 60i / 60p / MP4 / MPEG-4 AVC(H.264)
Photo Capture from Movie	Yes
Dual Record	Yes
Audio Format	Dolby Digital (AC-3) / MPEG-4 AAC-LC
Microphone/ Speaker	Stereo / Mono
Optics/Lens	
Lens Type	Sony G Lens
Aperture	iAuto (F3.3/ F8.0 (W), 2 steps with ND Filter) / Program Auto (F3.3/F8.0 (W), 2 steps with ND Filter) / Manual (F3.3/F8.0 (W), 2 steps with ND Filter)
Aperture (Max.)	F3.3 (W)-5.9 (T)
Optical Zoom	16x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Smart Zoom® Technology	10M: Approx. 20x (Total), 5M: Approx. 28x (Total), VGA: Approx. 115x (Total), 16:9 (2M): Approx. 38x (Total)
Focal Length (35mm equivalent)	Still 16:9: 26-416mm / Still 4:3: 24-384mm / Movie 16:9: 25-400mm (Standard mode), 26-416mm (Active mode); Movie 4:3: 31-496mm (Standard mode), 32-512mm (Active mode)
Filter Diameter	No
Lens Construction	10 elements in 7 groups (including 4 aspheric elements)
Minimum Focus Distance	iAuto(W:Approx. 5cm (0.16') to Infinity, T:Approx. 120cm (3.94') to Infinity)
AF for Movie Capture	
Aspheric Elements	4

Viewfinder	
Type	None
Diopter Adjustment	No
LCD Display	
LCD Type	3.0" Xtra Fine LCD with TruBlack technology (921K dots)
Angle Adjustment	No
Brightness Control	5 steps
Histogram	Yes
Grid Display	Yes (Off / On)
Focus Control	
AF Modes	9 points AF (Under Face Undetected) / Center Weighted AF / Flexible Spot AF / Semi Manual / Manual
AF Illuminator	Auto / Off
Exposure System	
Metering Modes	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Soft snap / Landscape / Twilight Portrait / Twilight / Gourmet / Beach / Snow / Fireworks / Pet / Soft Skin / Handheld Twilight / Anti Motion Blur
D-Range Optimizer	Standard
ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200
Noise Reduction	Clear RAW NR / NR Slow Shutter

White Balance Mode	Auto (Intelligent) / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push / White Balance Sift
Drive System	
Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto(2" - 1/1600) / Program Auto(1" - 1/1600) /
Burst Mode	Approx 10 fps at 16.2MP (Maximum 10 shots)
Flash	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off
Flash Coverage	ISO Auto: Approx. 0.25'-Approx. 5.6m (Approx. 0.82'-Approx. 18.4') (W) / Approx. 1.2'-Approx. 3.0m (Approx. 3.94'-Approx. 9.84') (T), ISO3200: up to Approx. 7.9m (Approx. 25.9') (W) / Approx. 4.4m (Approx. 14.4') (T)
Convenience Features	
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder / MP4 / AVCHD, Protect: Single / Select
Media/Battery Indicator	Yes / Yes
Power Save Mode	Standard / Stamina / Off
Advanced Features	
Anti Motion Blur	Yes
Embedded GPS	Yes

1. Files compatible with iMovie® '09 or later on Mac. Software not compatible with Mac OS® X.

2. For firmware update on Mac OS® X go to www.esupport.sony.com.

3. Records in 29 minute segments.

4. Requires 3D HDTV, HDMI cable (at least 10.2 Gbps) and active 3D glasses sold separately.

5. Requires TransferJet enabled media and technology in both devices.

6. Requires HDTV and HDMI cable sold separately.

7. Play back AVCHD™ media on Blu-ray Disc™ players, PlayStation®3 systems or PC with supplied software. AVCHD media should not be used in standard DVD players because it may fail to eject disc or erase its contents without warning.

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