

DSC-HX5V/B

Cyber-shot® Digital Still Camera

**NEW**

Capture stunning low-light images and sweeping panoramic views with the DSC-HX5V featuring an "Exmor R" CMOS Sensor. Plus catch fast action shots with up to 10 frames per second shooting. Full HD Movie Mode<sup>9</sup> records amazingly detailed video and a 25mm equivalent wide angle 10x high-zoom G Lens allows you to take captivating images.

- 3.0" Clear Photo LCD™ display (230k pixels)<sup>1</sup>  
Compose and show off your images on the large 3.0" (230K) Clear Photo LCD™ display, which features a special anti-reflective coating for sharp visibility, even in bright sunlight.<sup>1</sup>
- 10x (25mm equivalent) Professional-quality optical zoom G-Lens  
G lenses are used in top of the line digital single lens reflex (DSLR) cameras and advanced prosumer HD Camcorders.  
Capture the action up close with the 10x optical zoom, and with the 25mm equivalent wide angle lens the HX5V even allows you to capture more of the scenes in landscape or group portraits.
- 10.2 Megapixel Back-illuminated "Exmor R" CMOS Image Sensor  
The DSC-HX5V features a 10.2 megapixel "Exmor R" CMOS image sensor that brings out the full resolving power of the camera's wide angle 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 10fps, Anti Motion Blur, Hand-held Twilight and 1080i movie modes.<sup>9</sup>
- Anti-Motion Blur Mode  
Capture cleaner and sharper images in low light for non landscape shots. When set in Anti-motion Blur Mode, the DSC-HX5V captures six images in a fraction of a second with higher shutter speed and combines the data from all six to create a single image of extraordinary detail and eliminate subject blur, beyond the capability of traditional cameras.
- Handheld Twilight  
Capture cleaner and sharper night shots without using a tripod. When set to Handheld Twilight Mode, the DSC-HX5V captures six images in a fraction of a second with one press of the shutter, and combines the data from all six to create a single image of extraordinary detail and low noise. With these modes, you can capture images in low light, without flash, beyond the capability of traditional cameras.
- Intelligent Sweep Panorama Mode  
Capture expansive landscapes with Intelligent Sweep Panorama Mode. Press shutter and sweep and the camera does the rest, continuously, shooting images and in one second stitching them together. This model even detects faces and moving subjects to stitch intelligently different widths to avoid subject distortion.
- High Speed Shooting (10fps)  
The HX5V can capture full 10.2 megapixel resolution images at up to 10 fps, helping to ensure you never miss the decisive moment. What's more, the HX5V employs a mechanical shutter that helps reduce distortion when continuously shooting moving subjects.
- 1080i AVCHD Movie Mode<sup>9</sup>  
Record movies in 1080i AVCHD high definition at 60i<sup>9</sup>. The AVCHD format captures a high degree of detail and smooth movement, and when footage is burned to disc, can be played back on Blu-ray Disc™ players, Sony® PlayStation®3 systems and compatible PCs and HDTVs.<sup>7</sup>
- HDMI™ output connectivity  
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).
- DVDirect® DVD recorder Compatible  
With AVCHD capabilities the DSC-HX5V is compatible with the DVDirect® DVD recorder, allowing automatic playback of high definition footage. Simply insert your Memory Stick® media into the DVDirect® DVD recorder and enjoy your movies shot in high definition. (Recorder and media sold separately)
- 720p MP4 HD Movie Mode<sup>9</sup>  
In 720p MP4 movie mode the camera shoots 1280 x 720 high definition movies at 30 fps, which is the format when working with a PC. Users will create high quality movies with full use of optical zoom in their Cyber-shot® DSCs in files small enough to transfer to compatible PC or Mac®. Once transferred to your computer you can effortlessly upload your media to popular photo and video-sharing websites such as Photobucket® and YouTube™. (Compatible computer with internet capability required)
- Compatible with PC and MAC Systems  
Video captured with the DSC-HX5V can be used with the provided Picture Motion Browser software for PC and iMovie® (sold separately) for Mac systems.<sup>2</sup>
- Optical Steady Shot™ 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.
- Optical SteadyShot w/ Active Mode  
Optical SteadyShot™ with Active Mode gives you the freedom to shoot movies even while walking or running. By providing up to 10x the correction of standard mode, Active Mode can compensate for excessive camera shake so you can move along with your subject while shooting.
- GPS and Compass  
An integrated GPS receiver and compass record the location and direction of every shot you take and let you view your images on a map with compatible computer and internet applications, so you can remember where you took your favorite shots<sup>3</sup>.



**ADDITIONAL FEATURES**

- TransferJet™ technology
- BIONZ™ Image Processor
- Backlight Correction HDR
- Self-Portrait Timer
- Intelligent Auto (iAuto) mode

## DSC-HX5V/B

Cyber-shot® Digital Still Camera

### Specifications

#### General

Megapixel: Aprox. 10.2 Megapixels  
 Imaging Device: 1/2.4" (7.59mm) "Exmor R" CMOS Sensor  
 Recording Media: 45MB internal Flash Memory, optional Memory Stick Duo™ Media, optional Memory Stick PRO Duo™ Media, optional Memory Stick PRO Duo™ (High Speed), optional Memory Stick PRO HG-Duo™, optional SD/SDHC media<sup>13</sup>

#### Convenience

White Balance: Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push.  
 Self Timer: Yes (Off / 10sec. / 2sec. / portrait1 / portrait2)  
 Still Image Mode(s): Normal / Hi-Speed Burst (High/Mid/Low) / Bracketing  
 Red-Eye Reduction: Auto / On / Off  
 Burst Mode: Approx 10 fps at 10.2MP (Maximum 10 shots)  
 Erase/Protect: Yes/Yes  
 Date/Time Stamp: Available in the included PMB software.  
 Media/Battery Indicator: Yes/Yes  
 Dynamic Range Optimizer: Standard  
 Scene Mode(s): High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Advanced Sports / Gourmet / Pet  
 Image Stabilization: Optical  
 Movie Mode(s): AVCHD: 1920 x 1080 (59.94i, Interlace) (Approx.17Mbps) / 1440 x 1080 (59.94i, Interlace) (Approx.9Mbps) MP4: 1440 x 1080 (29.97fps, Progressive) (Approx.12Mbps) / 1280x720 (29.97fps, Progressive) (Approx.6Mbps) / VGA (640 x 480) (29.97fps, Progressive) (Approx.3Mbps)  
 PicBridge Compatible: Yes  
 TransferJet: Single / Select

#### Convenience Features

Histogram Display: Yes  
 AF Illuminator Light: Auto / Off  
 Multi-Pattern Measuring: Yes  
 NightShot® Infrared System: No  
 NightFraming System: No  
 Clear RAW NR: Yes  
 Power Save Mode: Standard / Stamina / Off  
 In-Camera Editing: Trimming / Red Eye Correction / Unsharp Masking

#### Inputs and Outputs

Accessory Terminal: Multi connector  
 Audio/Video Output(s): Yes  
 USB Port(s): Yes - USB2.0 Hi-Speed  
 HD Output: HDMI / Component (1080i)

#### Hardware

LCD: 3.0"<sup>1</sup> Clear Photo LCD (230K pixels)  
 Viewfinder: No  
 Lens Construction: 10 elements in 7 groups (including 4 aspheric elements)

Microphone/Speaker: Stereo / Mono  
 Lens Type: Sony G-Lens

#### Optics/Lens

Focal Length: 4.25-42.5mm  
 35mm Equivalent: Still shots: 25-250mm / Movie 16:9: 30-300mm / Movie 4:3 :36-360mm  
 Focus: 9 points AF / Center Weighted AF / Spot AF  
 Aperture Range: iAuto(F3.5/F8.0(W)) / Program Auto(F3.5/F8.0(W)) / Manual(F3.5/F8.0(W)) (2 Steps with ND Filter)  
 Shutter Speed: iAuto(2" - 1/1,600) / Program Auto (1" - 1/1,600) / Manual(30"-1/1600)  
 Exposure Compensation: Plus / Minus 2.0EV, 1/3EV step  
 Smart Zoom® Technology: 5M:Approx.14x(Total), VGA:Approx.57x(Total), 16:9(2M):Approx.19x(Total)  
 Digital Zoom: Smart Zoom / Precision Digital Zoom / Off  
 Optical Zoom: 10x  
 Macro Mode: iAuto(W:Approx.5cm(0.16') to Infinity, T:Approx.100cm(3.28') to Infinity)  
 Total Zoom: Approximately 20x with Precision Digital Zoom  
 Face Detection: 8 Faces (Auto / Off / Child Priority / Adult Priority)

#### Control

ISO: Auto / 125 / 200 / 400 / 800 / 1600 / 3200

#### Power

Battery Type: InFoLITHIUM G type 3.6V  
 Battery Capacity: Approx. 155 minutes / Approx. 310 images (when shooting still images)  
 Power Consumption (in Operation): Approx. 1.1W

#### Software

Supplied Software: Picture Motion Browser Ver 5.0, PMB Portable 5.0 (for Windows), PMB Portable 1.1 (for Macintosh), Music Transfer  
 Operating System Compatibility: Microsoft® Windows XP SP3, Windows Vista SP2, Windows 7, Macintosh® OS X(v10.4-v10.6)

#### Processor

Bionz™ Engine: Yes

#### Operating Conditions

Flash Effective Range: ISO Auto: Approx.0.25'-Approx.3.8m(Approx.0.82'-Approx.12.5')(W) / Approx.1.0'-Approx.2.6m(Approx.3.281'-Approx.8.53')(T), ISO3200: up to Approx.7.6m(Approx24.9')(W) / Approx.5.2m(Approx17.1')(T)  
 Flash Mode(s): Auto / On / Slow Syncro / Off

#### Dimensions

Weight: Body: Approx. 6.0oz. (170g), With battery and Memory Stick media: 7.1oz. (200g)  
 Measurements: W x H x D: 4 1/8" x 2 3/8" x 1 3/16" (102.9mm x 57.7mm x 28.9mm)

#### Service and Warranty Information

Limited Warranty Term: Limited 1 Year Parts & Labor

#### Supplied Accessories

Rechargeable Battery Pack (NP-BG1)  
 Battery Charger  
 Multi Connector Cable (A/V, USB)  
 Wrist strap  
 CD-ROM  
 HDMI adaptor

#### Optional Accessories

GPS Unit Kit (GPS-CS3KA)  
 Memory Stick PRO Duo™ Media (MS-MT4G)  
 Memory Stick PRO Duo™ Media (MS-MT8G)  
 Memory Stick PRO Duo™ Media (MS-MT16G)  
 Memory Stick PRO Duo™ Media (MS-MT32G)  
 Memory Stick Duo™ Adaptor (MSAC-M2)  
 Memory Stick Duo™ USB Adaptor (MSAC-US40)  
 Memory Stick PRO-HG Duo™ Media (MS-HX8G)  
 Memory Stick PRO-HG Duo™ Media (MS-HX16G)  
 Memory Stick PRO-HG Duo™ Media (MS-HX32G)

Color: Black

UPC Code: 027242776630

1. Viewable area, measured diagonally
2. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Picture Motion Browser software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
3. PMB Portable for Windows is pre-loaded. PMB Portable for Mac is available at [www.eSupport.sony.com](http://www.eSupport.sony.com). PMB Portable requires USB cable (included) and PC with internet connectivity. 64-bit environments not supported.
4. Uploading directly to the web requires PMB Portable software and USB cable (included), and PC with internet connectivity (not included). PMB Portable for Mac is available at [www.eSupport.sony.com](http://www.eSupport.sony.com). 64-bit environments not supported.
5. Requires compatible wireless access point(s). Some features may rely on Internet services.
6. When fully charged. Actual results may vary based on product settings, usage patterns and environmental conditions.
7. Compatible BRAVIA® HDTV, and HDMI™ or component cable (sold separately) required for PhotoTV HD viewing. Specifications for BRAVIA HDTV shown vary according to market region.
8. Four preset music tracks stored in internal memory. Imported music tracks can be up to five minutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot® camera.
9. Movie recording is limited to (29min segments for MP4 up to 12Mbps 1440x1080/30p) (and) (10 minute segments for AVCHD up to 16mbps 1920x1080/60i).
10. HD Viewing requires an HD output adapter cable (VMC-MHC1) and compatible HDTV, both sold separately.
11. TransferJet enabled technology (sold separately) required in both devices. Interoperability and compatibility among TransferJet™ enabled devices vary.
12. This camera captures high definition footage in the AVCHD format. High Definition AVCHD discs can be created using standard DVD media, the supplied software and a compatible PC. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder, PC with supplied software or PlayStation®3 devices. DVD media containing AVCHD footage should not be used with standard DVD based players, as the DVD player may fail to eject the media and may erase its contents without warning.
13. When using movie mode Memory Stick PRO Duo with MARK2 logo, Memory Stick PRO-HG, Class 4 or higher for SD/SDHC media are recommended.

© 2010 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Cyber-shot, Optical SteadyShot, BIONZ, Xtra Fine LCD, Smile Shutter, TruBlack, TransferJet, Exmor R, Smile Shutter, DVDDirect, BRAVIA, Memory Stick PRO Duo, Memory Stick Duo and the Memory Stick logo are trademarks of Sony. PlayStation is a trademark of Sony Computer Entertainment. Microsoft, Windows, and Windows Vista are trademarks of Microsoft Corporation. Mac is a trademark of Apple Computers, Inc. Blu-ray Disc is a trademark. HDMI is a trademark of HDMI Licensing LLC. iMovie, Mac, and the Works with iMovie logo and the Mac logo are trademarks of Apple Computer, Inc. All other trademarks are trademarks of their respective owners.

Please visit the Dealer Source for more information at [www.sony.com/dealersource](http://www.sony.com/dealersource)