

PRELIM

The Sony® Cyber-shot® DSC-HX1 camera with Exmor™ CMOS technology offers up to 10fps shooting and features Sweep Panorama mode – that can seamlessly combine multiple shots to produce striking images, advance modes that reduce noise by approximately 50% even in difficult shooting situations, as well as 1080p movie recording⁶. Additionally it features professional quality 20x wide angle G-lens, 3" titable LCD¹ and Intelligent Auto mode

- **9.1 Megapixel Super Exmor™ CMOS Image Sensor:**
The HX1 features a 9.1 megapixel Exmor™ CMOS image sensor that brings out the full resolving power of the camera's precision G-Lens to deliver extremely fast speed, high resolution, and stunning low-light sensitivity with improved image clarity and drastically reduced noise. With 9.1 megapixels, you can create stunning, photo-quality prints up to A3+ (13x19") size, or crop your images and still come away with high resolution shots.
- **Professional Quality G-Lens:**
Designed and manufactured to the highest standards of optical performance, the Sony G-Lens is optimized to perfectly complement the advanced image sensors and image processing technology in Sony's cameras. 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 20x optical zoom, and with the 28mm wide angle lens the HX1 even allows you to capture more of the scenes in landscape or group portraits. The HX1's G Lens has a six blade aperture capable of producing a beautiful bokeh (beautifully defocused backgrounds with a soft natural feel). The aspherical lens elements made from ED (extra-low dispersion) minimize chromatic aberration common to high-magnification lenses.
- **20x High Zoom:**
20x optical zoom extends your reach and helps bring you closer to the action – a real benefit for sporting events, wildlife, distant landscape views and dramatic portrait shots.
- **28mm Wide Angle Lens:**
Widen your view and capture more of the city, landscape, or group with a 28mm wide angle G lens.
- **3.0" Clear Photo LCD™ tilt display (230k pixels):**
Compose and show off your images on the large 3.0" (230K) Clear Photo LCD Plus™ display, which tilts up or down approximately 90 degrees for easier high and low angle shooting and features a special anti-reflective coating for sharp visibility, even in bright sunlight.
- **CMOS Sensor:**
Enjoy extremely high resolution, fine tonal gradation and fast speed that faithfully reproduces every detail of your subject and reduces visual noise. The Exmor™ CMOS sensor brings out the full potential of the lens to ensure clear, high-precision image quality.
- **BIONZ™ image processor:**
The BIONZ™ image processor delivers the high resolution and fast performance you expect from a Sony® digital camera.
- **Colors available in:**
The Cyber-shot® DSC-HX1 camera is available in black.
- **High Speed Shooting (10fps):**
The HX1 is the world's first digital still camera that can capture full 9.1 megapixel resolution images at up to 10 fps, helping to ensure you never miss the decisive moment. What's more, the HX1 employs a mechanical shutter that helps reduce distortion when continuously shooting moving subjects.
- **Selected Face Memory:**
- **Anti-blink Function:**
- **Red-eye Reduction:**
- **Smile Shutter™ Technology:**
- **Double Anti-blur Solution:**
- **Optical SteadyShot™ Image Stabilization:**
- **High Sensitivity Mode (ISO 3200):**
- **Dynamic Range Optimizer Standard and Plus:**
- **Convenient Photo Modes:**
- **9-Point Auto Focus:**
- **Function Guide:**
- **Intelligent Auto Focus:**
- **Functional Button Layout:**
- **Simplified Buttons:**
- **Easy Shooting Mode:**
- **16:9 High Resolution Mode:**
- **Memory Stick Duo™ Media Convenience:**
- **Stamina® Battery Power:**
- **Easy Image Management:**
- **HDTV Compatibility:**
- **BRAVIA® Sync™ :**
- **PhotoTV HD:**
- **Wide Zoom tilt display:**
- **PHOTOMUSIC feature:**
- **In-Camera Retouching Tools:**
- **Multi-purpose Resize function:**
- **Picture Motion Browser ver. 4.2.02:**

ADDITIONAL FEATURES

- **Sweep Panorama Mode:**
- **Handheld Twilight Mode:**
- **Anti-Motion Blur Mode:**
- **HD Movie (1080p):**
- **Intelligent Auto Mode:**
- **Intelligent Scene Recognition:**
- **Face Detection technology:**



DSC-HX1

Cyber-shot® Digital Still Camera

Specifications

General

Megapixel: 9.1 MP
 Imaging Device: 1/2.4 type(7.63mm) Exmor CMOS Sensor
 Recording Media: 11MB internal Flash Memory, optional Memory Stick Duo™ Media, optional Memory Stick PRO Duo™ Media

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 / Underwater White Balance Mode - Auto, Underwater 1, Underwater 2, Flash
 Self Timer: Yes (10 seconds, 2 seconds, Off)
 Memory Stick PRO™ Media Compatibility: Tested to support up to 16GB Memory Stick DUO PRO™ media capacity¹; does not support Access Control security function.
 Still Image Mode(s): Normal/High Speed Burst (High/Med/Low)/Bracketing(JPEG)-AE (Plus/Minus0.3EV/0.7EV/1.0EV)/WB/Color
 Red-Eye Reduction: Auto / On / Off
 Burst Mode: Approx 10 fps (10 shots)
 Date/Time Stamp: Available in the included PMB software.

Media/Battery Indicator: Yes/Yes
 Color Mode(s): Normal / Vivid / Sepia / B&W / Real
 Dynamic Range Optimizer: Standard / Off / Plus
 Scene Mode(s): iAuto, Easy, Program, Handheld Twilight, Anti-Motion Blur, Sweep Panorama, Manual Exposure, Aperture Priority, Shutter Speed Priority and Scene Selection such as High Sensitivity, Landscape, Soft Snap, Advanced Sports Shooting, Twilight Portrait, Twilight, Beach, Snow, Fireworks, and Gourmet

Image Stabilization: Optical

Convenience Features

Histogram Display: Yes
 Real Imaging Processor™ Technology: BIONZ™
 AF Illuminator Light: Auto / Off
 PictBridge Compatible: Yes
 Multi-Pattern Measuring: Yes
 NightShot® Infrared System: No
 NightFraming System: No
 Clear RAW NR: Yes
 Movie Mode(s): 1280 x 720(Standard) (Approx.30fps, Progressive) / 1280 x 720 (Approx.30fps, Progressive) / 1440 x 1080(Fine) (Approx.30fps, Progressive) / 1440 x 1080 (Standard) (Approx.30fps, Progressive) / VGA (640 x 480, Approx.30fps, Progressive)
 Power Save Mode: Yes (after approx. 3 min. of inactivity)
 In-Camera Editing: Trimming / Red Eye Correction / Soft Focus / Partial Color / Fisheye Lens / Cross Filter / Retro / Radial Blur / Unsharp Masking / Smile

Inputs and Outputs

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

Hardware

LCD: 3.0"¹ Clear Photo LCD Plus (230,400 pixels)

Viewfinder: Yes - Electrical
 Lens Construction: 13 elements in 10 groups (including 1ED glass element and 1aspheric element)
 Microphone/Speaker: Stereo / Mono
 Lens Type: Sony G-Lens

Operating Conditions

Flash Effective Range: ISO Auto: Approx. 0.3 - Approx. 9.2m (Approx. 0.98' - Approx. 30.2') (W) / Approx. 1.5 - Approx.5.1m (Approx. 4.92' - Approx. 16.7') (T), ISO3200: up to Approx.16m (Approx.52.5')(W) / Approx.10m(Approx.32.8') (T)²

Flash Mode(s): Auto / Flash On / Slow Syncro / Flash Off

Optics/Lens

Focal Length: 5.0-100.0mm
 35mm Equivalent: Still shots: 28-560mm / Movie 16:9: 31-620mm / Movie 4:3 :38-760
 Focus: 9 points / Center Weighted AF / Flexible Spot / Semi Manual / Manual
 Aperture Range: Auto(F2.8-F8.0) / Program Auto (F2.8-F8.0) / Manual(F2.8-F8.0)
 Shutter Speed: Auto(2" - 1/4,000) / Program Auto (1" - 1/4,000) / Shutter Priority(30" - 1/4000) / Aperture Priority(8" - 1/2000) / Manual(30" - 1/4000)

Exposure Compensation: Plus / Minus 2.0EV, 1 / 3EV step
 Smart Zoom® Technology: 5M:Approx.26x(Total), 3M:Approx.33x(Total), VGA:Approx.108x(Total), 16:9(2M):Approx.36x(Total)

Digital Zoom: Smart Zoom / Precision Digital Zoom / Off

Optical Zoom: 20x
 Macro Mode: Macro On/Auto: W:Approx.1cm (0.03") to Infinity, T:Approx.150cm(4.92") to Infinity

Total Zoom: Approx. 40x
 Face Detection: Detects up to 8 Faces - with Touch Priority / Auto Priority / Child Priority / Adult Priority

Power

Battery Type: InfolITHIUM H type 6.8V
 Battery Capacity: Approx. 195 minutes / Approx. 390 images

Software

Supplied Software: Picture Motion Browser Vers 4.2.11 + USB Driver (Not supported by Macintosh® Operating Systems)
 Operating System Compatibility: Microsoft® 2000 Professional, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.1-10.5)

Processor

Bionz™ Engine: Yes

Control

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

Dimensions

Weight: Approx. 1lb 1.8oz. (504g) - With battery and Memory Stick media.
 Measurements: W x H x D: 114.5mm x 82.8mm x 91.8mm (4 5/8" x 3 3/8" x 3 5/8")

Service and Warranty Information

Limited Warranty Term: Limited 1 Year Parts & Labor

Supplied Accessories

Rechargeable Battery - NP-FH50
 Battery Charger - BC-VH1
 Multi Connector Cable - USB, AV
 Power Cord
 Shoulder strap
 Lens Cap
 Lens Cap Strap
 HDMI Adaptor
 CD-ROM Software
 Note: No Memory Stick PRO Duo™ Media or adaptors are included.

Optional Accessories

GPS Unit Kit (GPS-CS1KA)
 Memory Stick PRO Duo™ Media (MS-MT2G)
 Memory Stick PRO Duo™ Media (MS-MT4G)
 Memory Stick PRO Duo™ Media (MS-MT8G)
 Memory Stick PRO Duo™ Media (MS-MT16G)
 Memory Stick Duo™ Adaptor (MSAC-M2)
 Memory Stick Duo™ USB Adaptor (MSAC-US40)

Color: Black
 UPC Code: 027242761711

- 1.Viewable area, measured diagonally
- 2.Compatible BRAVIA® HDTV, and component cable (sold separately) required for PhotoTV HD viewing. Specifications of the BRAVIA HDTV shown vary according to market region.
- 3.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.
- 4.Requires Windows 2000 Professional SP4, Windows XP SP2, or Windows Vista. Not supported by Mac OS.
- 5.HD Viewing requires an HD output adapter cable (VMC-MHC2), sold separately.
- 6.Maximum of 29 minutes continuous recording per video clips, limited to available capacity on storage media.
- 7.Under average conditions; when fully charged, actual results may vary based on camera settings and conditions of use.
- 8.Requires BRAVIA® Sync™ feature in each product. Please refer to BRAVIA and/or Remote owner's manual to determine compatibility.
- 11.For uploading movies to Internet sharing sites, movies can be converted to SD image quality with Picture Motion Browser, or record in VGA resolution (640 x 480, 3Mbps).

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