

PRELIM

The Sony DSC-W170 matches point-and-shoot ease-of-use with advanced features to pack a powerful punch. The sleek, compact body features an enviable 10.1 megapixel resolution, Carl Zeiss® 5x wide optical zoom lens, and Sony's Double Anti-Blur solution for crisp, clear images. In addition, Face Detection technology, Smile Shutter, and Intelligent Scene Recognition elicit stunning detail from special moments.

- **10.1 MP Super HAD™ CCD**
More megapixels give you more detail and definition when you make big prints or crop in tight on your subject. The advanced Sony® Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- **Carl Zeiss® 5X Optical Zoom Lens**
5X optical zoom gives you the power to get even closer to the action -- a real benefit for distant landscape views and dramatic portraits.
- **Wide Angle Lens**
Wide angle (28 mm-140mm⁴) lens captures more of the scene
- **2.7" Clear Photo LCD Display**
A large, bright 2.7" Clear Photo LCD (230K) display includes an anti-reflective coating that provides for excellent visibility to help you compose, view, and share photos with superb clarity and color reproduction, even in bright sunlight.
- **Face Detection**
Face Detection technology automatically controls flash, focus, exposure, and white balance to help reveal faces in shadows, make skin tones look more natural, reduce red-eye, and eliminates harsh facial glare.
- **Smile Shutter Mode**
Smile Shutter™ technology captures smiles the moment they happen⁶ - without the need to press the shutter. The mode can be set to capture when your subject laughs, smiles or even grins, and like Face Detection is able to differentiate children and adults to set priority.
- **Sony Double Anti-Blur Solution**
The combination of Super SteadyShot® optical image stabilization and high ISO sensitivity helps compensate for shaky hands, minimizes blur, and allow flash-free shooting to preserve the mood.
- **Super SteadyShot® Optical Image Stabilization**
Super SteadyShot® Image Stabilization compensates for shaky hands and minimizes blur with a built-in gyro sensor that detects movement and sends correcting signals to a stabilization lens -- so there's no need to crop in on your shot to reduce blur.
- **High Sensitivity (ISO 3200) Mode**
With high sensitivity of ISO 3200, you can shoot effectively in low light without flash to preserve the mood, while the Sony Clear RAW™ Noise Reduction system helps suppress the color noise that can degrade low-light shots.
- **Intelligent Scene Recognition Mode**
Intelligent Scene Recognition mode automatically detects 5 different types of scenes and selects the appropriate camera setting: Backlight, Backlight Portrait, Twilight, Twilight Portrait, Twilight using a Tripod. Intelligent Scene Recognition has two different modes, advanced and auto. In Advanced mode, if the camera detects the particular scene, it will take one more picture. In Auto mode takes a single shot, arbitrarily deciding on the proper setting.
- **Dynamic Range Optimization**
Powered by the exclusive Sony BIONZ™ high-speed processing engine, Dynamic 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. New DRO Plus mode enhances optimization, analyzing each region of an image and performing additional image processing.
- **Convenient Photo Modes**
To adjust quickly for specific shooting situations, you can choose from several convenient photo modes, including Auto, Program Auto, and Scene Selections such as Twilight, Twilight Portrait, Fireworks, Smile Shutter, Underwater, Landscape, Soft Snap, Snow, High Sensitivity, and Beach environments.
- **MPEG Movie VX Fine Mode**
Capture VGA (640 x 480) audio/video clips at a high frame rate (up to 30 frames per second⁷). The maximum length of time you can shoot continuously is about 10 minutes.
- **Automatic Macro Shooting**
Standard Auto Focus now covers the macro focus range, eliminating the need to manually change focus modes for close-up photography. The Macro mode has not been eliminated, and enabling it accelerates Auto Focus when shooting at point-blank range.
- **9-Point Auto Focus**
Because an off-center subject can make your shot more interesting, a 9-point auto focus measures auto-focus at 9 precision points instead of 5 -- giving you greater creative freedom to compose your image.

ADDITIONAL FEATURES

- Smart Zoom® Feature⁵
- Burst Mode
- Simple Setup Controls
- Easy Shooting Mode
- Function Guide
- Optical Viewfinder
- 15 MB² Internal Memory
- Memory Stick Duo™ Media Convenience
- Stamina® Battery Power
- Easy Image Management



Specifications

General

Megapixel: 10.1 MP
 Imaging Device: 1/2.3" Super HAD™ CCD
 Recording Media: 15MB internal Flash Memory, optional Memory Stick® DUO Media, optional Memory Stick DUO PRO™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, 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, Burst, Bracket Exposure
 Red-Eye Reduction: Yes (On/Off all modes)
 Burst Mode: Max 100 Shots at 1.6fps (All resolutions)
 Erase/Protect: Yes/Yes
 Date/Time Stamp: No/ No
 Media/Battery Indicator: Yes/Yes
 Color Mode(s): Black & White, Natural, Sepia, Vivid

Convenience Features

Real Imaging Processor™ Technology: BIONZ™
 AF Illuminator Light: Auto / Off, (W:Approx. 2.0m , T:Approx. 1.7m)
 PictBridge Compatible: Yes
 Multi-Pattern Measuring: Yes
 Scene Mode(s): Beach, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait, Fireworks, Smile Shutter, and Underwater.
 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 (320 x 240 at 8fps)
 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, and Happy Face.
 Super SteadyShot® optical image stabilization: Yes

Inputs and Outputs

Accessory Terminal: Multi connector
 Audio/Video Output(s): Yes via Multi-Use Connector
 USB Port(s): Yes -supports USB 2.0
 HD Output: Yes (1080i)

Hardware

LCD: 2.7" Clear Photo LCD (230K Pixels)
 Viewfinder: Optical
 Lens Construction: 9 elements in 7 groups (including 1ED glass element and 3aspheric elements)
 Microphone/Speaker: Yes/ Yes
 Lens Type: Carl Zeiss® Vario-Tessar®
 Docking Station: Yes, via optional HD cradle (CSS-HD2)

Operating Conditions

Flash Effective Range: ISO Auto: (W):Approx. 0.2 - Approx. 4.2m / (T):Approx. 0.5 - Approx. 2.7m
 ISO 3200: (W): up to Approx. 8.4m / (T):Approx. 5.3m
 Flash Mode(s): Auto, Forced On, Forced Off, Slow Synch

Optics/Lens

Focal Length: 5-25mm
 35mm Equivalent: 28-140mm
 Focus: 9-Area Multi-Point AF, Center AF, Spot AF, Semi Manual Focus (0.5m / 1.0m / 3.0m / 7.0m / Unlimited distance)
 Aperture Range: Auto(F3.3/F8.0(W), 2 steps) / Program auto(F3.3/F8.0(W), 2 steps) with ND Filter
 Shutter Speed: Auto(1/4 - 1/1,600) / Program Auto(1" - 1/1,600)
 Exposure Compensation: Plus / Minus 2.0EV, 1 / 3EV step
 ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200
 Filter Diameter: N/A
 Digital Zoom: Smart Zoom / Precision Digital Zoom / Off
 Optical Zoom: 5x
 Macro Mode: Yes
 Total Zoom: 10x
 Minimum Focus Distance: W: Approx. 3 15/16 (10cm) - Infinity / T: Approx. 19 11/16 (50cm) - Infinity
 Face Detection: Yes

Power

Battery Type: Lithium-Ion NP-BG1
 Battery Capacity: 3.6V, 960 mAh

Service and Warranty Information

Limited Warranty: 1 Year Parts & Labor

Software

Supplied Software: Windows: Picture Motion Browser Vers 3.0.02 + USB Driver
 Operating System Compatibility: Microsoft® 2000 Professional, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.1-10.5)

Dimensions

Weight: 4.4 oz (124 g) Body; 5.5 oz. (155 g) including Battery and optional Memory Stick® DUO Media
 Measurements: 3 9/16" x 2 5/16" x 7/8" (91 x 58 x 22.9 mm)

Supplied Accessories

NP-BG1 rechargeable battery
 BC-CSG battery charger
 A/V and USB multi-connector cables
 Wrist strap
 Software CD-ROM
 Note: No Memory Stick DUO™ Media or adaptors are included.

Color: Red
 UPC Code: 027242729995



1. Viewable area; measured diagonally.
2. Available storage capacity may vary and a portion of the memory is used for data management functions.
3. HD viewing requires a Sony HD connector cable or HD Cyber-shot Station® cradle and HDTV. All sold separately.
4. 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.
5. Smart Zoom® feature will not work at highest resolution setting.
6. Up to 6 shots while in Smile Shutter mode.
7. Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.
8. Special TV settings are required. Further details are available in the BRAVIA® instruction manual.

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