

DSC-W30

Cyber-shot® Digital Still Camera

The Sony Cyber-shot® DSC-W30 is an ideal camera for starting out right in digital photography, combining the quality of 6.0 megapixels and Carl Zeiss® 3X Optical zoom, the performance of High Sensitivity mode for great low-light shots, the simplicity of on-screen Function Guide for easy setup and the convenience of 32 MB² Internal Memory for shooting images in-camera.

▲ Step-up



- 6.0 Megapixel Super HAD™ CCD
Higher megapixels gives you more detail and definition for large prints and cropping in on your subject. Sony's advanced Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- Large 2.0" LCD Screen
The DSC-W30 has a bright 2.0" LCD screen for setting up and viewing images -- with a one-touch "Play" button that makes it quick and easy to view your photos.
- Simple Controls, Function Guide
User-friendly controls and simple on-screen Function Guide text/icon display help you set up camera functions -- and you'll have greater creative freedom to adjust color mode (including "Natural" for subtle colors and "Rich" for more intense colors), sensitivity, brightness and image size.
- High Sensitivity Mode
A new High Sensitivity Mode (ISO 1000) allows you to shoot with great results in low-light conditions -- and Sony's original Clear RAW NR™ (Noise Reduction) image processing technology helps suppress the color noise that can accompany high-sensitivity shooting.
- Carl Zeiss® 3X Optical/2X Digital Zoom
3X Optical Zoom helps the DSC-W30 bring distant subjects closer and lets you frame shots for better composition; Sony's precision 2X Digital Zoom provides an additional 2X magnification to enlarge details without jagged edges.
- Stamina® Battery Power
With its powerful Lithium Ion rechargeable battery, the DSC-W30 can capture up to 400³ images -- enough for a week of shooting. The compact BC-CSG Battery Charger is also supplied for battery recharging on the go.
- 13X Smart Zoom® Feature
At VGA resolution⁴, Sony's Smart Zoom® feature intelligently "crops into" the central portion of interest in your photo without sacrificing full CCD resolution -- avoiding the image degradation of other digital zooms.
- Capture Images In-Camera
With 32 MB² Internal Memory, the DSC-W30 allows you to shoot without a flash memory card -- then transfer your images to optional Memory Stick™ Duo media, upload to your computer or make prints on your digital printer.
- Memory Stick Duo™ Media
The DSC-W30 has a built-in slot for optional Memory Stick Duo™ or higher-capacity Memory Stick PRO Duo™ media -- the ultra-compact media for shooting, storing and sharing your photo images.
- MPEG Movie VX Fine Mode
The DSC-W30 can capture VGA (640 x 480) audio/video clips at high frame rate (up to 30 frames per second), with length limited only by the capacity of your media.
- ▲ Cyber-shot Viewer Software
Sony's new software that makes it easy to import images via camera or Memory Stick® media -- then organize and browse through photos on your PC with simple scrolling through thumbnail images.
- PictBridge™ Compatibility
The DSC-W30 connects easily to any PictBridge™ compatible printer with the supplied USB cable, so you can print directly from your camera. You can view images and make print selections right on the camera's LCD screen -- with simple menus for print quality, date and index print.



Specifications

General

Megapixel: 6.0MP
Imaging Device: 1/2.5" Super HAD™ CCD
Recording Media: 32MB² internal Flash Memory, optional Memory Stick® DUO Media, optional Memory Stick DUO PRO™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent, Incandescent, Flash
Self Timer: Yes (10 seconds, 2 seconds, Off)
Memory Stick PRO™ Media Compatibility: Tested to support up to 2GB Memory Stick DUO PRO™ media capacity¹; does not support Access Control security function
Red-Eye Reduction: Yes (On/off all modes)
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), Video Mail with Audio (160x112 at 8fps)

Burst Mode: Burst, JPEG (Fine/Standard), Multi-Burst
Power Save Mode: Yes (after approx. 3 min. of inactivity)
Erase/Protect: Yes/Yes
Date/Time Stamp: No/No
Media/Battery Indicator: Yes/Yes
Scene Mode(s): Beach, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait
Color Mode(s): Black & White, Natural, Rich, Sepia

Inputs and Outputs

Accessory Terminal: N/A
Audio/Video Output(s): Yes
USB Port(s): Yes (Supports USB 2.0⁵)

Hardware

LCD: 2.0"¹ (85K Pixels TFT LCD Screen)
Viewfinder: Optical
Lens Construction: 6 Elements in 5 Groups, 3 Aspheric Elements
Microphone/Speaker: Yes/Yes
Lens Type: Carl Zeiss® Vario-Tessar®
Docking Station: N/A

Operating Conditions

Flash Effective Range: ISO Auto: 6' to 13' 9" (0.2-4.2m)(W), ISO 1000: 2' 7" to 24' (0.2-7.3m)(W)
Flash Mode(s): Auto, Forced On, Forced Off, Slow Sync

Optics/Lens

Focal Length: 6.3 - 18.9mm
35mm Equivalent: 38 - 114 mm
Focus: 5 Area Multi-Point AF, Center AF
Focal Distance: 4 - 3/4" (12 cm) (W), 19 - 3/4" (50cm) (T)
Aperture Range: f2.8 - 7.1(W), f5.2 - 13 (T)
Shutter Speed: 1/8 - 1/2000 sec. (Auto), 1 - 1/2000 sec. (Program Auto)
ISO: Auto, 80, 100, 200, 400, 800, 1000
Filter Diameter: 30mm with VAD-WB Adapter Ring
Smart Zoom® Technology: 4.1X (3MP), 5.2X (2MP), 13X (VGA)⁴

Digital Zoom: 0-2.0X (Precision)
Optical Zoom: 3X
Macro Mode: Yes
Total Zoom: 6X
Minimum Focus Distance: 19.7" (50cm), Macro 0.74" (2 cm)
EV Compensation: ±2.0 EV, 1/3 EV Step Increments
Minimum Object Distance: 19.7" (50cm) Normal, 0.74" (2cm) Macro

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: Cyber-shot® Viewer Vers 1.0 + USB Driver, (Windows®)
Operating System Compatibility: Microsoft® 2000 Professional, Me, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.0-10.4)

Dimensions

Weight: 4.5 oz (123 g) Body; 5.4 oz. (153 g) including Battery and optional Memory Stick® DUO Media
Measurements: 3 1/2" x 2 5/16" x 1 5/16" (90 x 59 x 23 mm)

Supplied Accessories

NP-BG1 rechargeable battery
BC-CS3 battery charger
A/V and USB cables
Wrist strap
Software CD-ROM
Note: No Memory Stick® DUO media or adaptors are included.

Optional Accessories

Accessory Kit (ACC-CLG)
Rechargeable Lithium-Ion Battery (NP-BG1)
Conversion Lens Adaptor Mount (VAD-WB)
Deluxe Soft Carrying Case (LCS-BDA)
Wide Angle Conversion Lens⁶ (VCL-DH0730)
Super Telephoto Conversion Lens⁶ (VCL-DH2630)
Telephoto Conversion Lens⁶ (VCL-DH1730)
Polarizing Kit Filter⁶ (VF-30CPKS)
External Slave Flash w/Bracket (HVL-FSL1B)
Marine Sports Pak (SPK-WA)
Memory Stick Duo PRO™ (MSX-256S)
Memory Stick Duo PRO™ (MSX-512S)
Memory Stick Duo PRO™ (MSX-1GST)
Memory Stick Duo PRO™ (MSX-2GS)
Memory Stick Duo Adaptor (MSAC-M2)
Memory Stick Duo USB Adptr (MSAC-US40)

Color: Silver
UPC Code: 027242682221

JPEG STILL IMAGE MODE
Fine/Standard Picture Quality

Memory Stick Duo™ Media ¹	2816x2112 6MP	2816x1872 6MP (3:2)	2048x1536 3MP	1920x1080 2MP (16:9)	1632x1224 2MP	640x480 VGA
32MB	10/19	10/19	20/37	33/61	33/61	196/491
64MB	21/39	21/39	41/74	66/123	66/123	394/985
128MB	42/79	42/79	82/149	133/246	133/246	790/1975
Memory Stick PRO™ Duo Media¹						
256MB	77/142	77/142	148/264	238/446	238/446	1428/3571
512MB	157/290	157/290	303/537	484/907	484/907	2904/7261
1GB	322/592	322/592	617/1097	988/1852	988/1852	5928/14821
2GB	660/1215	660/1215	1266/2250	2025/3798	2025/3798	12154/30385
Internal Memory						
32MB	10/19	10/19	20/37	33/61	33/61	196/491

MPEG MOVIE MODE
Maximum Recording Time

Memory Stick Duo™ Media ¹	MPEG VX (640x480) Fine	MPEG VX (640x480) Standard	Video Mail (160x112)
32MB	—	1m 27s	22m 42s
64MB	—	2m 56s	5m 54s
128MB	—	5m 54s	1h 31m 33s
Memory Stick PRO Duo™ Media¹			
256MB	2m 57s	10m 42s	2h 51m 21s
512MB	6m 02s	21m 47s	5h 47m 05s
1GB	12m 20s	44m 27s	11h 44m 22s
2GB	25m 18s	1h 31m 09s	24h 18m 25s
Internal Memory			
32MB	—	1m 20s	22m 40s

1: Viewable area, measured diagonally
2: A portion of the memory is used for data management purposes; approx. 30 MB will be available for image recording.
3: Under average conditions; when fully charged, actual results may vary based on camera settings and conditions of use.
4: Smart Zoom® feature will not work at highest resolution setting.
5: Not all products with USB connectors may communicate with each other due to chip-set variations.
6: Requires VAD-WB adaptor ring

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Features and specifications subject to change without notice. Non-metric weights and measures are approximate.
All screen images simulated.
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