

SONY

DSC-W800/B

Point and Shoot Digital Still Camera



Key Features

20.1MP Super HAD CCD sensor for beautifully detailed images

A powerful 20.1 megapixel super HAD CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail.

Sony Lens w/ 5x Optical Zoom

Get up close to the action with 5x optical zoom plus 10x Clear Image digital zoom with the professional Sony ZEISS lens

Reduced blur with SteadyShot™ Image stabilization

Shoot incredibly smooth video¹ and still images with SteadyShot™ Image Stabilization with Active mode. This technology delivers sharp image quality with low noise and minimal blur even while the user is strolling.

Capture your videos in 720p HD Movie mode¹

In 720p MP4 movie mode the camera shoots 1280 x 720 high definition movies at 30 fps, a standard format when working with a PC.¹ Create high quality movies with full use of optical zoom in files small enough to transfer to compatible PC or Mac® computer. Once transferred to your computer and connected to the internet, you can effortlessly upload your media to popular photo and video-sharing websites such as Photobucket® and YouTube™.

Simplify camera menu with Easy Mode

Put your camera in easy mode to minimize the layers in your menu. This makes your shooting experience easy and enjoyable!

Sweep Panorama™ mode (up to 360°)

Reach beyond the traditional wide angle lens, and capture more breathtaking shots with Sweep Panorama™ mode. Simply press the shutter button and sweep the camera in the desired direction and the camera continuously shoots at a high speed, then seamlessly stitches the images together with automatic position adjustment to create one stunning panoramic image. Available in wide and up to 360° full circle, the camera can take a variety of panoramic shots. Now capturing wide landscapes is as easy as press and sweep.

Smile Shutter™ technology automatically captures smiles

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 now be used together with Smile Shutter™ mode when the Intelligent Auto mode is on. This means that beautiful smiles can be captured with settings optimized for the particular scene, even in difficult conditions such as twilight and backlighting.

Picture Effect for more expressive photos

Picture Effect adds a new level of expression to photos, making ordinary landscapes and portraits come to life by heightening mood and emphasizing certain attributes. Picture Effect can be applied to still images (4 modes), movies (4 modes) and panoramic shots (3 modes), giving photos and movies even greater impact.

Conveniently charge your battery via USB³

Charging your battery has never been easier via USB³. Simply connect your camera via USB to your PC's USB port and/or a power supply and charge your battery on the go.

In camera guide helps navigate features

A built-in instruction guide allows you to search the camera's functions according to your needs wherever you may be.

Specifications

Camera

Camera Type

Compact zoom digital camera

SONY

Imaging Sensor	
Imaging Sensor	1/2.3" Super HAD CCD Sensor
Processor	BIONZ®
Pixel Gross	20.4 MP
Effective Picture Resolution	20.1 MP
Color Filter System	RGB primary color mosaic filters
Recording	
Media Type	Memory Stick Duo / Memory Stick PRO Duo / Memory Stick PRO Duo (High Speed) / Memory Stick PROHG Duo / Memory Stick Micro*8 / Memory Stick Micro (Mark2)*8 / Memory Stick XC-HG Duo / SD Memory Card / SDHC Memory Card / SDXC Memory Card / microSD Memory Card*8 / microSDHC Memory Card*8 / microSDXC Memory Card*8
Still Image Mode	JPEG
Still Image Max Effective Resolution	Approx. 20.1 Megapixels
Still Image Size 16:9	15M(5,152 x 2,896) / 2M(1,920 x 1,080)
Still Image Size 4:3	20M(5,152 x 3,864) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944)
Panorama Still Image Size	Sweep Panorama:360°(11,520x1,080) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)
Video Format	AVI (Motion JPEG)
Video Mode	1280x720 (1,280x720/30fps) / VGA (640x480/30fps) / QVGA (320x240/30fps)
Audio Format	MP3
Microphone/Speaker	Mono / Mono
Optics/Lens	
Lens Type	Sony Lens
Aperture	f 3.2-6.4
Optical Zoom	5x
Digital Zoom	10x
Focal Length (35mm equivalent)	Still 4:3: 26-130mm / Still 16:9: 28.3-141.6mm / Movie 16:9: 31.5-157.3mm / Movie 4:3: 26-130mm
Minimum Focus Distance	iAuto: AF (W: Approx. 5cm (0.16 ft.) to Infinity, T: Approx. 60cm (1.96 ft.) to Infinity) / Program Auto: AF (W: Approx. 5cm (0.16 ft.) to Infinity, T: Approx. 60cm (1.96 ft.) to Infinity)
Aspheric Elements	5
ISO	Auto/100/200/400/800/1600/3200
Steady Shot Mode:Active	Yes
LCD Display	
LCD Type	2.7" Clear Photo™ LCD (230K dots)
Brightness Control	5(Bright) / 4 / 3 / 2 / 1(Dark)
Grid Display	Yes
Focus Control	
AF Modes	Multi Point AF / Center Weighted AF / Tracking Focus / Face Tracking Focus
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 / Night Scene / Night Portrait / Landscape / Portrait / Beach / Snow / Gourmet / Pet Mode
D-Range Optimizer	Standard / Plus / Off
ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200
White Balance Mode	Auto / Daylight / Cloudy / Flourescent White Balance 1 / Flourescent White Balance 2 / Flourescent White Balance 3 / Incandescent / Flash
Minimum Illumination	Auto: 28lux (Shutter Speed 1/30)



ISO Sensitivity (Movie)	Auto: (ISO100-800 level)
Drive System	
Continuous Shooting Speed	Approx.0.52 fps(100 shots)
Self-timer	Off / 10sec. / 2sec. / portrait 1 / portrait 2
Shutter Speeds	iAuto(2 - 1/1500) / Program Auto(1 - 1/1500)
Burst Mode	Approx 1 fps at 20.4MP (Maximum 100 shots)
Flash	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
Flash Coverage	ISO Auto: Approx.0.4m to 3.5m(1.3 ft to 11.5 ft)(W) /Approx.0.6m to 1.76 m(1.96 ft to 5.77 ft)(T),ISO3200: up to Approx.7 m(23 ft)(W) /Approx.3.5 m(11.5 ft)(T)
Convenience Features	
Self Timer	Off / 10sec. / 2sec. / portrait 1 / portrait 2
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder, Protect: Single / Select / Date / Folder
Power Save Mode	Standard / Max / Off
Advanced Features	
Sweep Panorama	Sweep Panorama (360)
Face Detection	8 faces
Smile Shutter™ technology	Yes
Image Stabilization	Optical SteadyShot™ Image Stabilization with Intelligent Active Mode
Intelligent Auto	Yes
Shooting Tips	Yes
Blink Detection	Yes
Interface	
Memory Card Slot	MS Duo and SD/SDHC/SDXC compatible
SD Output	Composite
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)
Microphone Input	Mono
Weights and Measurements	
Dimensions (Approx.)	W x H x D: 2" x 7/8" x 2 1/4" (50 mm x 22 mm x 54 mm)
Weight (Approx.)	4.7 oz. (125g)
Weight(Approx) (Main unit only)	3.8 oz. (109g)
Power	
Battery Type	LITHIUM ION NP-BN 3.6V
Battery Capacity	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Power Consumption (In Operation)	Approx.1W
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
Accessories	
Supplied Accessories	Battery (NP-BN) AC AdaptorAC-UB10C Wrist Strap Multi USB cable Instruction Manual

1. Records in 29 minute segments
2. Requires HDTV and HDMI cable sold separately
3. Requires USB 2.0 cable sold separately
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