

DSC-WX70BDL

Sony® DSC-WX70—power to perform in a compact camera. Includes a carrying case and 4GB memory card. Its 16.2MP CMOS sensor and 5X optical optical/10X Clear Zoom lens with improved Active Optical Stabilization captures detailed photos and AVCHD™ 1080/60i videos. Use its 3.0" Xtra Fine Touch Screen LCD to glide through menus and preview live Picture Effects.

16.2 Megapixel Back-illuminated Exmor® R CMOS Image Sensor

This camera features a 16.2 megapixel Exmor® R CMOS image sensor that brings out the full resolving power of the camera's Carl Zeiss® 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 up to 10fps, Anti Motion Blur, Hand-held Twilight and 1080i movie modes.

Optical zoom plus Clear image zoom

Most digital zooms use electronic cropping to get closer to the subject, resulting in unsharp images. With Clear Image Zoom the powerful processor compares patterns found in adjacent pixels and creates new pixels to match selected patterns, resulting in more realistic, higher-quality images. Clear Image Zoom doubles optical zoom for closer photos.

Full HD 1080/60i

Record crystal clear movies at the highest resolution available with capabilities for 60i in 1080 AVCHD™ video.¹ This provides stunning, fast motion video with less distortion for playback on your HD TV.² With dual record of stills and movies, you can shoot both at the same time.

Capture the decisive moment with up to 10fps

Capture full 16.2 megapixel resolution images at up to 10 frames per second, helping to ensure that the decisive moment is captured such as the soccer ball flying into the goal. In addition, a mechanical shutter helps reduce distortion when continuously shooting moving subjects.

Optical SteadyShot™ with Active Mode

Optical SteadyShot™ with Active Mode for blur-free movies even while walking.⁴ Camera-shake compensation using Optical SteadyShot/Active Mode has been improved with the addition of new electronic image stabilization. Now it's easier than ever to obtain sharp, blur-free movies even when zooming in unsteady situations, such as shooting with one hand while walking.

3.0" LCD touch screen

The 3.0" Xtra Fine LCD™ display (921K dots) with touch screen makes it easy to glide through menus and preview live Picture Effects. The large display delivers brilliant-quality still images and movies while enabling easy focusing operation.

3D Still Image and 3D Sweep Panorama™ mode

Produce awe-inspiring images with 3D Still Image and 3D Sweep Panorama™ capabilities.³ Photos will take on a new dimension of creative capabilities for viewing the world in a whole new way.

Intelligent Sweep Panorama™ HR mode

With Intelligent Sweep Panorama™ HR mode just press the shutter, pan the landscape and let the camera do the rest. It automatically links together each frame to produce a high resolution panoramic image providing the ability to zoom in on small details. This model even detects faces and moving subjects to stitch intelligently different widths to help avoid subject distortion.

Background Defocus

DSLR photographs are often beautiful because they blur the background, putting the emphasis on the subject. Now our point-and-shoot cameras can deliver this signature DSLR benefit. The system takes two shots, identifies the background and applies a defocused background keeping the subject crisp and clear.

Picture Effect

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. Select models have up to nine effects.

Superior Auto mode

Get cleaner, more dynamic pictures and fewer missed shots. The camera automatically recognizes the correct scene mode, then quickly shoots and combines up to six shots to produce images with greater clarity, optimum dynamic range using Backlight Correction HDR technology and lower image noise using 6 shots layering technology. Superior Auto intelligently detects 33 scenes for still images and movies, making it easy to get the best shot.

Face Detection technology

Specifications

Camera					
Camera Type	Compact zoom				
Imaging Sensor					
Imaging Sensor	1/2.3" Exmor® R CMOS Sensor				
Processor	BIONZ®				
Pixel Gross	16.8MP				
Effective Picture Resolution	16.2MP				
Color Filter System	RGB primary color filters				
Recording					
Media Type	optional "Memory Stick Duo" (No movie recording), optional "Memory Stick PRO Duo" (Mark 2 only for movie recording), optional "Memory Stick PRO-HG Duo", optional SD Memory Card (Class 4 or higher), optional SDHC Memory Card (Class 4 or higher), optional SDXC Memory Card (Class 4 or higher)				
Still Image Mode	JPEG				
Still Image Max Effective Resolution	Approx. 16.2 Megapixels				
Still Image Size 16:9	12M (4,608 x 2,592), 3M(2,048 x 1,536)				
Still Image Size 4:3	16M(4,608 x 3,456) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944) / VGA				
Panorama Still Image Size	HR(10,480 x 4,096) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)				
Sweep Multi Angle Image Size	2M (1,920 x 1,080)				
Video Format	AVCHD Ver2.0/MP4				
		AVCHD 60i:24M FX/ 17M FH(1,920 x 1,080/60i) / 9M HQ(1,440 x 1,080/60i) / MP4:12M(1,440 x 1,080/30fps)/ 6M(1,280 x 720/30fps)/ 3M VGA(640 x 480/30fps)			
		Video Mode			
		Photo Capture from Movie	Yes		
		Dual Record	Yes		
		Audio Format	AC3 (Stereo)		
		Microphone/ Speaker	Stereo/mono		
		Wind Noise Reduction	Off/on		
		Optics/Lens			
		Lens Type	Carl Zeiss® Vario-Tessar®		
		Aperture	f 2.6-6.3		
		Optical Zoom	5x		
			Still 16:9: 28-140mm / Still 4:3: 25-125mm / Movie 16:9: 29-145mm(Optical SteadyShot Standard), 35-150mm(Optical SteadyShot Active) / Movie 4:3: 35-175mm(Optical SteadyShot Standard), 37-185mm(Optical SteadyShot Active)		
		Focal Length (35mm equivalent)			
		Lens Construction	6 elements in 5 groups		
		Minimum Focus Distance			
		Aspheric Elements	3		
		Clear Image Zoom	10x		
		Macro Mode	Yes		
		Steady Shot Mode:Active	Yes		
		Viewfinder			
		Type	None		
		LCD Display			
		LCD Type	3.0" Xtra Fine LCD™ display (921K dots)		
		Brightness Control	5(Bright) / 4 / 3(Normal) / 2 / 1(Dark)		
		Histogram	Yes		
		Grid Display	Yes (Off / On)		
		Touch Panel	Yes		
		Focus Control			
		AF Modes	Multi Point AF / Center Weighted AF / Spot AF / Flexible Spot AF / Flexible Spot AF (Tracking Focus) / Flexible Spot AF (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 / Soft Snap / Soft Skin / Landscape / Night Portrait / Night Scene / Handheld Twilight / Gourmet / Beach / Snow / Fireworks / Pet Mode / Anti-motion blur / Backlight Correction HDR /		
		D-Range Optimizer	Standard		
		ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800		
		White Balance Mode	Auto (Intelligent) / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push, One Push Set		
		Drive System			
		Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2		
		Shutter Speeds	iAuto(4" - 1/1600) / Program Auto(1" - 1/1600)		
		Burst Mode	Approx 10 fps at 16.2MP (Maximum 10 shots)		
		Flash			
		Flash Modes	Auto / Flash On / Slow Synchro / Flash Off		
		Flash Coverage	ISO Auto: Approx.0.2m to 5.3m(7 7/8 inches to 17 feet 4 3/4 inches)(W) / Approx.1.0m to 2.2 m(3feet 3 3/8 inches to 7 feet 2 5/8 inches)(T), ISO3200: up to Approx.7.5 m(24 feet 7 3/8 inches) (W) / Approx.3.2 m(10 feet 6 inches)(T)		
		Convenience Features			
		Red-Eye Reduction	Auto / On / Off		
		Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD, Protect: Single / Select / Date / Folder / AVCHD		
		Red-Eye Reduction	Auto / On / Off		
		Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD, Protect: Single / Select / Date / Folder / AVCHD		
		Advanced Features			
		Anti Motion Blur	Yes		
		Sweep Panorama	Intelligent Sweep Panorama / 3D Sweep Panorama		
		Smile Shutter™ technology	Yes		
		Image Stabilization	Optical SteadyShot™ with Active Mode Image Stabilization ⁴		
		In-Camera Editing	Trimming / Red-Eye Correction / Unsharp Masking		
		Intelligent Auto	Yes		
		Shooting Tips	Yes		

Background Defocus	Yes
Superior Auto	Yes
Tracking Focus	Off / Auto
Blink Detection	Yes
Photo Creativity	Yes

Interface

Memory Card Slot	MS Duo and SD/SDHC/SDXC Compatible
HD Output	Mini HDMI
USB Port(s)	Micro USB, Hi-Speed USB(USB2.0)
TransferJet	Send: Yes (Single / Select , U2/CEH/CN1 Version), Receive: Yes (U2/CEH/CN1 Version)

Dimensions (Approx.)

Dimensions (Approx.)	W x H x D: 3 3/4" x 2 1/8" x 25/32" (92.2mm x 52.0mm x 19.1mm)
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Weights and Measurements

Weight (Approx.)	4.0 oz. (114g)
Weight(Approx) (Main unit only)	3.5 oz. (98g)

Power

Battery Type	LITHIUM ION NP-BN 3.6V
Battery Capacity	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Power Consumption (in Operation)	Approx. 1.0W
Power Requirements	AC 100V to 240V, 50/60 Hz, 18W

Accessories

Supplied Accessories	Carrying Case LCS-CSQ 4GB SD memory card SF4N4/TQ Battery NP-BN AC Adaptor AC-UB10 Micro USB Cable Paint Pen Wrist Strap Instruction Manual
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1. Records in 29 minute segments
2. Requires HDTV and HDMI cable sold separately
3. Requires 3D HDTV, HDMI cable (at least 10.2 Gbps) and active 3D glasses sold separately.
4. Combined with electronic stabilization

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