

DSC-HX10V

Capture the decisive moment and its GPS location automatically with the DSC-HX10V. Its 16X Optical/32X Clear Image zoom gets you in close for detailed 18MP pictures, provides optical stabilization for smooth Full HD videos and high speed AF. Photo Creativity lets you preview exposure, white balance, and Picture Effects before you shoot.

18.2MP Exmor® R CMOS sensor

The 18.2MP Exmor® R CMOS sensor captures ultra-high definition images that take full advantage of the camera's sharp Sony® G lens. An advanced BIONZ processor rapidly analyzes the Extra-High Sensitivity data from the sensor, and activates By-Pixel Super Resolution technologies to reduce noise levels, resulting in stunning low light images with incredible details.

High speed AF

To improve focusing speed and sensitivity, the Exmor® R CMOS sensor uses its rapid throughput to deliver high-quality image signals to the camera's BIONZ® processor. The result is fast, DSLR-like focusing speeds, even in low light.

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 18.2 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.

3D Still Image and 3D Sweep Panorama™ mode³

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.

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 camera models have up to nine different effects.

Photo Creativity

Photo Creativity allows you to fine-tune your exposure settings, such as brightness, color, and vividness, and quickly choose the right enhancement for your subject. Now you can view Picture Effects and Photo Creativity effects in real time on the camera's monitor or in the viewfinder before shooting.

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.

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		Wind Noise Reduction	Off/on	D-Range Optimizer	Standard	Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD, Protect: Single / Select / Date / Folder / AVCHD		
Camera Type	High Zoom	Optics/Lens		ISO	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800	Advanced Features			
Imaging Sensor		Lens Type	Sony G	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	Anti Motion Blur	Yes		
Imaging Sensor	1/2.3" Exmor® R CMOS Sensor	Aperture	f 3.3-5.9			Sweep Panorama	Intelligent Sweep Panorama / 3D Sweep Panorama	Face Detection	8 Faces (Auto / Off / Child Priority / Adult Priority / Key Selected Face Memory)
Processor	BIONZ®	Optical Zoom	16x			Smile Shutter™ technology	Yes	Image Stabilization	Optical SteadyShot™ with Active Mode Image Stabilization
Pixel Gross	18.9MP	Focal Length (35mm equivalent)	Still 16:9: 26-416mm / Still 4:3: 24-384mm / Movie 16:9:			Drive System	Self-timer	In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
Effective Picture Resolution	18.2MP	Lens Construction	10 elements in 7 groups	Burst Mode	Approx 10 fps at 18.2MP (Maximum 10 shots)			Intelligent Auto	Yes
Color Filter System	RGB primary color filters	Minimum Focus Distance		Flash		Shooting Tips	Yes		
Recording		Aspheric Elements	4	Flash Modes	Auto / Flash On / Slow Synchro / Flash Off	Background Defocus	Yes		
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)	Clear Image Zoom	32x	Convenience Features		Tracking Focus	Off / Auto		
		Steady Shot Mode:Active	Yes	Red-Eye Reduction	Auto / On / Off	Blink Detection	Yes		
		LCD Display		LCD Type	3.0" Xtra Fine LCD™ display (921K dots)	Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD, Protect: Single / Select / Date / Folder / AVCHD	Photo Creativity	Yes
		Brightness Control	5(Bright) / 4 / 3(Normal) / 2 / 1(Dark)	Histogram	Yes			Interface	
Still Image Max Effective Resolution	Approx. 18.2 Megapixels	Grid Display	Yes (Off / On)	Flash Coverage		Memory Card Slot	MS Duo and SD/SDHC/SDXC Compatible		
Still Image Size 16:9	13M(4,896x2,752) / 2M(1,920 x 1,080)	Focus Control		Flash Coverage	ISO Auto: Approx.0.25m to 5.3m(9 7/8 inches to 17 feet 4 3/4 inches)(W) / Approx.1.2m to 2.9 m(3 feet 11 1/4 inches to 9 feet 6 1/4 inches)(T), ISO3200: up to Approx.8.0 m(26 feet 3 inches)(W) / Approx.4.1 m(13 feet 5 1/2 inches)(T)	HD Output	Mini HDMI		
Still Image Size 4:3	18M(4,896x3,672) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944) / VGA	AF Modes	Multi Point AF / Center Weighted AF / Spot AF / Tracking Focus / Face Tracking Focus	Convenience Features		USB Port(s)	Micro USB, Hi-Speed USB(USB2.0)		
Panorama Still Image Size	Sweep	AF Illuminator	Auto / Off	Red-Eye Reduction	Auto / On / Off	TransferJet	Send: Yes, Receive: Yes		
Sweep Multi Angle Image Size	2M (1,920 x 1,080)	Exposure System		Convenience Features		Dimensions (Approx.)			
Video Mode	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)	Metering Modes	Multi Pattern / Center Weighted / Spot	Convenience Features		Dimensions (Approx.)			
		Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step	Red-Eye Reduction	Auto / On / Off	4 1/8" x 2 3/8" x 1 3/8" (104.7mm x 59.7mm x 33.8mm)			
Photo Capture from Movie	Yes	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 / Advanced sports shooting	Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD, Protect: Single / Select / Date / Folder / AVCHD	Weights and Measurements			
Dual Record	Yes		Metering Modes	Multi Pattern / Center Weighted / Spot	Red-Eye Reduction	Auto / On / Off	Weight (Approx.)	8.3oz. (234g)	
Audio Format	AC3 (Stereo)		Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step			Power		Weight(Approx) (Main unit only)
Microphone/ Speaker	Stereo/mono		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 / Advanced sports shooting	Power		Battery Type	LITHIUM ION NP-BG1 3.6V	

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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