

SONY

DSC-HX400/B

Sony High Zoom Point and Shoot Camera



Specifications

Camera	
Camera Type	High Zoom digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" (7.82mm) Exmor R [®] CMOS sensor
Processor	Bionz [®] X
Pixel Gross	21.1MP
Effective Picture Resolution	20.4MP
Color Filter System	RGB primary color mosaic filters
Recording	
Media Type	SD, SDHC and SDXC memory card Memory Stick PRO Duo™/Pro-HG Duo™ media
Color Space	sRGB
Still Image Max Effective Resolution	Approx. 20.4 Megapixels
Still Image Size 16:9	15M (5,18 × 2,920) / 7.5M (3,648 × 2,056) / 2.1M (1,920 × 1,080)
Still Image Size 1:1	15M (3,888 × 3,888) / 7.5M (2,736 × 2,736) / 3.7M (1,920 × 1,920)
Still Image Size 3:2	18M (5,184 × 3,456) / 8.9M (3,648 × 2,432) / 4.5M (2,592 × 1,728)
Still Image Size 4:3	20M (5,184 × 3,888) / 10M (3,648 × 2,736) / 5M (2,592 × 1,944)
Panorama Still Image Size	Sweep Panorama: Wide (7,152 × 1,080 / 4,912 × 1,920); Sweep Panorama: 360 (11,520 × 1,080)
Video Format	MP4 / AVCHD format Ver.2.0 compatible
Video Mode	AVCHD: PS - 1920 x 1080 / 60p@28Mbps FX - 1920 x 1080 / 60i@24Mbps FH - 1920 x 1080 / 60i@17Mbps FX - 1920 x 1080 / 24p@24Mbps FH - 1920 x 1080 / 24p@17Mbps MP4: HD - 1440 x 1080 / 30fps@12Mbps VGA - 640 x 480 / 30fps@3Mbps
Audio Format	AVCHD: Dolby Digital (AC-3) 2ch (Dolby Digital Stereo Creator) MP4: MPEG-4 AAC-LC 2ch
Microphone/Speaker	Stereo / Mono
Still Image File Format	JPEG
Wind Noise Reduction	Off / On
Optics/Lens	
Lens Type	Carl Zeiss Vario Sonnar T* Lens
Aperture	f 2.8 - 6.3
Optical Zoom	50x
Digital Zoom	50x

SONY

Focal Length (35mm equivalent)	Still 1:1: 29-580mm / Still 3:2: 26 - 520mm / Movie 4:3: 33-660mm(SteadyShot Standard, Active, Intelligent Active),33-840mm, 36-950mm / Still 4:3: 25 - 500mm / Movie 16:9: 33-660mm (SteadyShot Standard, Active, Intelligent Active), f=33-840mm, 36-950mm
Minimum Focus Distance	iAuto: AF (W: Approx. 1cm (0.03 ft.) to Infinity, T: Approx. 240cm (7.87 ft.) to Infinity) / Program Auto: AF (W: Approx. 1cm (0.03 ft.) to Infinity, T: Approx.240cm (7.87 ft.) to Infinity)
Viewfinder	
Magnification	8.1x, 16.2x
LCD Display	
LCD Type	3.0" XtraFine™ LCD (921K dots)
Brightness Control	Manual (5 steps)
Histogram	Yes (On/Off)
Focus Control	
Focus Area	Wide / Center / Flexible Spot (S / M / L)
Focus Sensitivity	EV 1 to 17 (at ISO100 equivalent)
AF Illuminator	Auto / Off
Exposure System	
Metering Modes	Multi Pattern / Center Weighted / Spot
Metering Sensitivity	Auto: (ISO 80 - 3200, selectable with upper / lower limit),80 / 100 / 125 / 160 / 200 / 250 / 320 / 400 / 500 / 640 / 800 / 1000 / 1250 / 1600 / 2000 / 2500 / 3200
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Night Scene / Handheld Twilight / Night Portrait / Landscape / Portrait / Soft Skin / Anti Motion Blur / Beach / Snow /Fireworks / Advanced Sports Shooting / Gourmet / Pet Mode
D-Range Optimizer	Standard / Plus / Off
ISO	Auto : (ISO80-3200 / 80/100 / 125 / 160 / 200 / 250 / 320 / 400 / 500/640 / 800 / 1000 / 1250 / 1600 / 2000 / 2500 / 3200
Noise Reduction	Long exposure NR, Multi Frame NR:Auto, ISO100-12800, Multi Frame NR:Auto, ISO100-12800
Creative Style	Standard, Vivid, Portrait, Landscape, Sunset, Black White, Sepia
White Balance Mode	Auto / Daylight / Cloudy / Incandescent / Fluorescent 1 (Cool White Fluorescent Lighting) / Fluorescent 2 (Day White Fluorescent Lighting) / Fluorescent 3 (Day Light Fluorescent Lighting) / Flash / C.Temp / Filter / Custom
Minimum Illumination	Auto: 4lux (Shutter Speed 1/30)
ISO Sensitivity (Movie)	Auto: (ISO80-3200, selectable with upper / lower
Drive System	
Drive Mode	Single / Continuous Shooting / Self-timer / Self Portrait / WB Bracketing
Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto (4 - 1/4000) / Program Auto (1 - 1/4000) / Aperture Priority (8 - 1/2000) / Shutter Priority (30 - 1/4000) / Manual (30 - 1/4000)
Flash Sync Speed	Synchronously-controlled with shutter speed
Burst Mode	Approx 10 fps at 20.4MP (Maximum 10 shots)
Flash	
Flash Type	Built-in, manual pop-up
Flash Modes	Flash Off / Autoflash / Fill-flash / Slow Sync. / Advanced Flash / Rear Sync. / Wireless (with optional compliant flash)
Flash Coverage	ISO Auto: Approx. 0.5m to 8.5m (1.64 ft. to 27.89 ft.) (W) / Approx. 2.4m to 3.5m (7.87 ft. to 11.48 ft.) (T), ISO 3200: up to Approx. 12.0m (39.37 ft.) (W) / Approx. 5.1m (16.73 ft.) (T)
Convenience Features	
Red-Eye Reduction	On / Off
Erase/Protect	Erase: Single / Select / Date / Folder, Protect: Single / Select / Date
Power Save Mode	1min / 2min / 5min / 30min

SONY

Advanced Features	
Sweep Panorama	Intelligent Sweep Panorama (360)
Face Detection	8 faces
Smile Shutter™ technology	Yes
Image Stabilization	Optical SteadyShot™ Image Stabilization with Intelligent Active Mode
Intelligent Auto	Yes
Wi-Fi	Yes
Tracking Focus	Off / Auto
Photo Creativity	Yes
Interface	
Memory Card Slot	MS Duo and SD/SDHC compatible
NFC	NFC forum Type 3 Tag compatible, One-touch remote, One-touch sharing
Wi-Fi	Yes
HD Output	Micro HDMI
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)
Accessory Shoe	Multi Interface Shoe
Tripod Mount	Yes
Weights and Measurements	
Dimensions (Approx.)	W x H x D: 5 1/8" x 3 3/4" x 4 1/8" (129.6mm x 93.2mm x 103.2mm)
Weight (Approx.)	1 lb 7.3 oz (660g)
Weight(Approx) (Main unit only)	1 lb 6.3oz (633g)
Power	
Battery Type	NP-BX1
Number of Still Images	Approx. 300 / Approx. 150min (EVF:Approx. 380 / Approx. 190min)
Power Consumption (in Operation)	Approx. 1.4W (EVF:Approx. 1.1W)
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
Software	
Supplied Software	Supplied Software: PlayMemories Home
Operating System Compatibility	Windows Vista®SP2 (Starter Edition is not supported) Windows®7 SP1; Windows®8; Mac OS X (10.6-10.8)
Service and Warranty Information	
Limited Warranty Term	1 year limited parts / 90days labor
Accessories	
Supplied Accessories	Rechargeable Battery Pack (NP-BX1) AC Adaptor(AC-UB10C / UB10D) Micro USB cable Shoulder Strap Shoe Cap Lens Cap Instruction Manual

1. Records in 29 minute segments

2. Requires compatible 4K/HDTV and HDMI cable sold separately

3. Requires NFC-compatible mobile device. Check device's user manual for compatibility.

11. Requires a valid Sony Entertainment Network account. Some apps require a fee.

© 2014 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, Cyber-shot, SteadyShot, Smile Shutter, Sweep Panorama, E-mor R and the Sony make.believe logo are trademarks of Sony. Microsoft, Windows, and Windows Vista are trademarks of Microsoft Corporation. Mac is a trademark of Apple, Inc. All other trademarks are trademarks of their respective owners. Features and specifications subject to change without notice.