

SONY

DSC-HX400/B

Sony High Zoom Point and Shoot Camera



Specifications

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| 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 |

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| Focal Length (35mm equivalent) | Still 1:1: f=28.5-1425mm / Still 3:2: f=25-1250mm / Movie 4:3: f=32.5-1625mm (SteadyShot Standard), f=34.5-2300mm (SteadyShot Active), 38-2350mm (SteadyShot IntelligentActive) / Still 4:3:f=24-1200mm / Movie 16:9: f=26.5-1325mm (SteadyShot Standard), f=28-1850mm (SteadyShot Active), f=31-1900mm (SteadyShot IntelligentActive) |
| 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 | |
| Type | 0.2" (0.5cm) 201k dots |
| Diopter Adjustment | Yes |
| 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 |

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| Erase/Protect | Erase: Single / Select / Date / Folder, Protect: Single / Select / Date |
| Power Save Mode | 1min / 2min / 5min / 30min |
| 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.

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