

DSC-HX100V/ B

With 30x optical zoom, incredible low light performance, full 1080x60p HD movie capabilities, and innovative features like, hi-speed linear auto focus, 3D image capabilities, and backlight correction to catch even the smallest details in high contrast shots, the Sony® DSC-HX100V will renew your passion for photography.

- **Carl Zeiss® Vario-Sonnar® T lens** with 27mm equivalent wide angle lens and 30x Optical Zoom
The high-performance Carl Zeiss® Vario-Sonnar® T lens with 30x optical zoom lens brings distant subjects closer for video recording as well as for outdoor, sports, and travel photos, and Close Focus shoots close-ups within a 1/2" of the subject. A 27mm equivalent wide-angle lens allows you to take wider shots of the scene or group in crowded spaces.
- **3.0" (921K dots) XtraFine LCD**
3.0" (921K dots) XtraFine LCD with TruBlack technology gives you deeper blacks and more color in your display, all while being thinner than most LCDs.
- **Full HD 1080i 60p**
Record crystal clear movies at the highest resolution available with capabilities for 60p in 1080 Full HD. This provides stunning, fast motion video with less distortion for playback on your Blu-ray Disc™ players, Sony® PlayStation® 3 systems and compatible PCs and HDTVs.
- **Backlight Correction HDR**
Don't miss a single detail in high contrast shots. The built-in Backlight Correction analyzes the image and automatically adjusts accordingly to give you a perfectly lit shot. Backlight Correction HDR helps correct for this by taking three pictures at different exposure settings and producing the best elements of each into a single image for more natural-looking shots.
- **Hi-speed Linear Focus**
Life moves fast, your camera's focus needs to move just as fast. The Hi-speed linear focus achieves dramatically clearer images with an auto focus that moves just as fast as your life.

- **3D still image and Sweep Panorama™ mode**
Produce awe-inspiring images with 3D still image and 3D Sweep Panorama™ capabilities. 4 Photos will take on a new dimension of creative capabilities for viewing the world in a whole new way.
- **Intelligent Sweep Panorama™ mode**
With Intelligent Sweep Panorama™ 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.
- **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 44 scenes for movies, making it easy to get the best shot.

- **Digital Zoom**
Capturing the right shot at the right moment has never been so easy. Digital zoom brings the action up close to get that perfect shot, every time.
- **Optical SteadyShot™ image stabilization**
Optical SteadyShot™ image stabilization uses a built-in gyro sensor to detect camera shake and automatically shifts the lens to help prevent blur without sacrificing image quality.
- **Soft Skin mode**
Portrait subjects will love the results. Soft Skin mode recognizes skin tones and reduces the appearance of blemishes and wrinkles without affecting the rest of the shot.
- **Natural Flash**
Conventional point-and-shoot camera flash shots just don't capture colors the way the eye sees them. Natural Flash mode takes a reference shot without flash and then uses that reference to correct the color, for far more lifelike images.

ADDITIONAL FEATURES

- HDMI™ output
- Smile Shutter™ technology
- Face Detection technology
- Motion Detection
- Anti-blink Function
- Sweep Multi Angle™ mode
- Anti-Motion Blur Mode
- Handheld et™ technology
- Includes Sony® PMB (Picture Motion Browser) Software ver. 5.5
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web the reaction yielded 3 grams of cyclohexene according to the calculations found in appendix A this is a yield of 52 there are a few potential reasons for the yield being lower than ideal there were likely small amounts of substance left behind in previous containers during each transfer

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web Jan 1 2021 in Fig 1 there are two reaction pathways for the formation of AA one pathway is through the hydrolysis route KA oil is firstly oxidized into cyclohexanone and then cyclohexanone reacts with nitric acid to form 6-hydroxyimino-6-nitrohexanoic acid (NA) which is subsequently hydrolyzed to AA in acid aqueous

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