

PRELIM

The 12.1mp Sony® Cyber-shot® DSC-T90 with Intelligent Auto mode takes you beyond traditional auto settings. It automatically adjusts to specific scene and lighting conditions and it enhances skin tones while Optical SteadyShot image stabilization reduces blur. The result is crisp, vivid, and life-like images. Plus, 720p movie mode lets you record movies in high-definition. All images and videos can be viewed on the camera's ultra-bright 3.0" LCD touchscreen display.

- **12.1 Megapixel Super HAD™ CCD Image Sensor:**
A powerful 12.1 megapixel 1/2.3" Super HAD™ CCD image sensor helps you capture gorgeous images with superb contrast and clarity down to the finest detail. With 12.1 megapixels, you can create stunning, photo-quality prints up to A3+ (13x19") size, or crop your images and still come away with high resolution shots.
- **Carl Zeiss® Vario-Tessar® Lens with 4x Optical Zoom:**
The professional-quality Carl Zeiss® Vario-Tessar® 4x optical zoom lens brings distant subjects closer for great outdoor, sports, and travel photos.
- **3.0" Clear Photo LCD™ Touch-Screen Display:**
Compose and review images on a 3.0"¹ widescreen Clear Photo LCD Plus™ (230K) display, and use the touch screen to navigate menus, specify where you want the camera to focus, or zoom in on the pictures you've taken for a closer look at details.
- **BIONZ™ image processor:**
The BIONZ™ image processor delivers the high resolution and fast performance you expect from a Sony® digital camera.
- **Ultra-slim design:**
The DSC-T90 packs a lot of performance into an ultra-slim design. Measuring at just under 5/8" (15mm), the DSC-T90 is slim enough to slip into a pocket, so you can take it with you wherever you go.
- **Available in five sophisticated colors:**
Available in five sophisticated colors: silver, black, blue, pink, and brown
- **Intelligent Auto Mode:**
Intelligent Auto (iAuto) mode goes beyond traditional auto settings by recognizing and adjusting to scene conditions and lighting, enhancing natural skin tones, and reducing blur. By incorporating advanced features such as Intelligent Scene Recognition, Face Detection, and Optical SteadyShot, iAuto lets you take advantage of the latest Sony Cyber-shot technology without leaving auto mode. Whether you're shooting expansive landscapes, capturing playground action, or taking pictures at a birthday party or wedding shower, iAuto will optimize your camera's settings to help ensure you come away with a great shot.
- **HD Movie:**
Capture more of your memories in high definition (720p) video. Record HD movies in 720p high definition MPEG4 format allowing for stunning large-screen home movie playback. Record up to 29 min in 720p format (or up to 2GB) per movie.
- **Intelligent Scene Recognition:**
Intelligent Scene Recognition (iSCN) Mode automatically detects eight different types of scenes and, within just 1/30th of a second, selects the appropriate camera settings: Backlight, Backlight Portrait, Twilight, Twilight Portrait, Twilight using a Tripod, Portrait, Landscape, and Macro. iSCN has two modes: Auto and Advanced. In Auto Mode, the camera takes a single shot using the optimal settings. In Advance Mode, the camera takes a photo with the standard automatic settings and, if in difficult lighting (low light or back light) immediately takes a second photo with optimized setting so you can chose which to keep.
- **Face Detection technology:**
Face Detection technology detects up to eight individual faces and controls flash, focus, exposure, and white balance to deliver accurate, natural skin tones with reduced red-eye. It can also give priority to children or adults. Newly added Face Motion Detection adjusts ISO sensitivity and accelerates the shutter speed when facial movement is detected, reducing blur in the subjects face.

ADDITIONAL FEATURES

- **Anti-blink Function:**
- **Smile Shutter™ Technology:**
- **Double Anti-blur Solution:**
- **Optical SteadyShot™ Image Stabilization:**
- **High Sensitivity Mode (ISO 3200):**
- **Dynamic Range Optimizer Standard and Plus:**
- **Convenient Photo Modes:**
- **9-Point Auto Focus:**
- **Burst Mode:**
- **Function Guide:**
- **Easy Shooting Mode:**



Specifications

General

Megapixel: 12.1 Megapixels
 Imaging Device: 1/2.3 type(7.79mm) Super HAD CCD
 Recording Media: 11MB internal Flash Memory, optional Memory Stick Duo™ Media, optional Memory Stick PRO Duo™ Media

Convenience

White Balance: Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / Underwater White Balance Mode (Auto, Underwater 1, Underwater 2)

Self Timer: Yes (10 seconds, 2 seconds, Off)
 Memory Stick PRO™ Media Compatibility: Tested to support up to 16GB Memory Stick DUO PRO™ media capacity; does not support Access Control security function.

Still Image Mode(s): Normal (JPEG) / Burst (JPEG) / Bracketing (JPEG) - AE (Plus / Minus 0.3EV / 0.7EV / 1.0EV)

Red-Eye Reduction: Auto / On / Off
 Burst Mode: Max 100 shots at approx. 1.8 fps
 Date/Time Stamp: Available in the included PMB software.

Media/Battery Indicator: Yes/Yes
 Color Mode(s): Normal / Vivid / Sepia / B&W
 Dynamic Range Optimizer: Standard / Off / Plus
 Scene Mode(s): Intelligent Auto / Easy Shooting / Program Auto / Movie (Auto Adjustment / High Sensitivity / Underwater) / Scenes (High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Hi-speed Shutter / Underwater / Gourmet)
 Image Stabilization: Optical

Convenience Features

Histogram Display: Yes
 Real Imaging Processor™ Technology: BIONZ™
 AF Illuminator Light: Auto / Off
 PictBridge Compatible: Yes
 Multi-Pattern Measuring: Yes
 NightShot® Infrared System: No
 Night Framing System: No
 Clear RAW NR: Yes
 Movie Mode(s): 1280 x 720 (Fine) (Approx. 30fps, Progressive) / 1280 x 720 (Standard) (Approx. 30fps, Progressive) / 640 (Fine) (VX Fine, 640 x 480, Approx. 30fps)
 Power Save Mode: Yes (after approx. 3 min. of inactivity)
 In-Camera Editing: Trimming / Red Eye Correction / Soft Focus / Partial Color / Fisheye Lens / Cross Filter / Retro / Radial Blur / Unsharp Masking / Happy Faces

Inputs and Outputs

Accessory Terminal: Multi connector
 Audio/Video Output(s): Yes via Multi-Use Connector
 USB Port(s): Yes - USB2.0 Hi-Speed
 HD Output: Yes (1080i)

Hardware

LCD: 3.0" Clear Photo LCD Plus touch screen 230,400 pixels
 Viewfinder: No
 Lens Construction: 12 elements in 10 groups(including 4 aspheric elements, 1 prism)
 Microphone/Speaker: Mono / Mono
 Lens Type: Carl Zeiss® Vario-Tessar®

Operating Conditions

Flash Effective Range: ISO Auto: Approx. 0.08-Approx. 2.9m (Approx. 0.26' - Approx. 9.51') (W) / Approx. 0.5 - Approx. 2.3m (Approx. 1.64' - Approx. 7.55') (T). ISO3200: up to Approx. 5.9m (Approx. 19.4') (W) / Approx. 4.5m (Approx. 14.8') (T)
 Flash Mode(s): Auto / Flash On / Slow Syncro / Flash Off

Optics/Lens

Focal Length: 6.18-24.7mm
 35mm Equivalent: Still shots: 35-140mm / Movie 16:9: 38-152mm / Movie 4:3: 46-184mm
 Focus: 9 points / Center Weighted AF / Spot AF / Flexible Spot AF (touch) / Semi Manual (.5m / 1.0m / 3.0m / 7.0m / unlimited distance)
 Aperture Range: Auto (F3.5-F10) / Program Auto (F3.5-F10)
 Shutter Speed: Auto (2" - 1/1,000) / Program Auto (1" - 1/1,000)
 Exposure Compensation: Plus / Minus 2.0EV, 1 / 3EV step
 ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200

Smart Zoom® Technology: 8M:Approx. 4.9x(Total), 5M:Approx. 6.2x(Total), 3M:Approx. 7.8x(Total), VGA:Approx. 25x(Total), 16:9(2M):Approx. 8.3x(Total)
 Digital Zoom: Smart Zoom / Precision Digital Zoom / Off
 Optical Zoom: 4x
 Macro Mode: Auto Macro / Macro On / Close Focus Enabled
 Total Zoom: Approximately 8x
 Face Detection: 8 face(flash, focus, exposure, white balance, child/adult priority, blink, face motion detection)

Power

Battery Type: LITHIUM ION / InfoLITHIUM D type 3.6V
 Battery Capacity: Approx. 110 minutes / Approx. 220 images

Software

Supplied Software: Picture Motion Browser Vers 4.2.02 + USB Driver (Not supported by Macintosh® Operating Systems)
 Operating System Compatibility: Microsoft® 2000 Professional, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.1-10.5)

Processor

Bionz™ Engine: Yes

Dimensions

Weight: Approx. 5.3oz. (151g) -With battery and Memory Stick media.
 Measurements: 3 3/4" x 2 3/8" x 1 9/32" (93.6mm x 57.2mm x 15.0mm)

Service and Warranty Information

Limited Warranty Term: Limited 1 Year Parts & Labor

Supplied Accessories

Rechargeable Battery Pack NP-BD1
 Battery Charger BC-CSD
 Multi Connector Cable USB/AV
 Wrist Strap
 Paint Pen
 CD-ROM Software
 Note: No Memory Stick PRO Duo™ Media or adaptors are included.

Optional Accessories

Accessory Kit (ACC-CLGB)
 Rechargeable Lithium-Ion Battery (NP-BG1)
 GPS Unit Kit (GPS-CS1KA)
 Memory Stick PRO Duo™ Media (MSX-512S)
 Memory Stick PRO Duo™ Media (MSX-1GST)
 Memory Stick PRO Duo™ Media (MS-MT2G)
 Memory Stick PRO Duo™ Media (MS-MT4G)
 Memory Stick PRO Duo™ Media (MS-MT8G)
 Memory Stick PRO Duo™ Media (MS-MT16G)
 Memory Stick Duo™ Adaptor (MSAC-M2)
 Memory Stick Duo™ USB Adaptor (MSAC-US40)

Color: Silver
 UPC Code: 027242749269



1. Viewable area, measured diagonally
2. Compatible BRAVIA® HDTV, HDMI or component cable (sold separately) required for PhotoTV HD viewing. Specifications of the BRAVIA HDTV shown vary according to market region.
3. Four preset music tracks stored in internal memory. Imported music tracks can be up to five minutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot® camera.
4. Requires Windows 2000 Professional SP4, Windows XP SP2, or Windows Vista. Not supported by Mac OS.
5. HD Viewing requires an HD output adapter cable (VMC-MHC2), sold separately.
6. Maximum of 29 minutes continuous recording per video clips, limited to available capacity on storage media.
7. Under average conditions: when fully charged, actual results may vary based on camera settings and conditions of use.

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