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## Sony DSC-TX9

# Sony DSC-TX9/H 12.2MP Digital Still Camera Instruction Manual

Model: DSC-TX9

## INTRODUCTION

This instruction manual provides detailed guidance for using your Sony DSC-TX9/H 12.2MP Digital Still Camera. This camera is designed to capture high-quality images and videos with advanced features such as 3D Sweep Panorama, an Exmor R CMOS sensor for low-light performance, and a user-friendly touch screen interface. Please read this manual thoroughly to understand all functions and ensure optimal performance of your device.



Figure 1: Front view of the Sony DSC-TX9/H Digital Still Camera, highlighting the Carl Zeiss Vario-Tessar lens, Optical SteadyShot, and stereo microphones.

## PRODUCT OVERVIEW

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### Key Features

- **12.2MP Exmor R CMOS Sensor:** Delivers stunning low-light performance and high-resolution images.
- **Carl Zeiss Vario-Tessar 4x Optical Zoom Lens:** Features a 25mm equivalent wide-angle for expansive shots.
- **3.5-inch Xtra Fine LCD Touch Screen:** Offers intuitive viewing and operation with TruBlack technology.
- **1080i AVCHD Movie Mode:** Records high-quality Full HD videos at 60i.
- **3D Sweep Panorama:** Captures vast scenic vistas and 16:9 shots in spectacular 3D.
- **Superior Auto Mode:** Automatically optimizes settings for various scenes, combining multiple shots for clarity and reduced noise.
- **Background Defocus:** Creates a blurred background effect, emphasizing your subject.
- **High Speed Shooting:** Captures full 12.2-megapixel images at up to 10 frames per second.
- **Optical SteadyShot Image Stabilization:** Reduces camera shake for sharper images.

## INITIAL SETUP

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### Battery Installation and Charging

The camera uses a rechargeable NP-BN1 Lithium-ion battery. Ensure the battery is fully charged before first use. Insert the battery into the camera's battery compartment, aligning it correctly according to the polarity indicators. Charge the battery using the provided battery charger.

### Memory Card Insertion

The DSC-TX9/H supports Memory Stick Duo/Memory Stick PRO Duo/Memory Stick PRO-HG Duo media and SD/SDHC/SDXC media (sold separately). Open the memory card slot cover and insert the compatible memory card until it clicks into place. Ensure the card is inserted in the correct orientation.

### Powering On/Off

To power on the camera, slide down the lens cover. To power off, slide the lens cover back up. The camera will automatically extend or retract the lens.

### Initial Settings

Upon first power-on, you may be prompted to set the language, date, and time. Follow the on-screen instructions using the touch screen or navigation buttons to configure these settings.

## OPERATING THE CAMERA

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### Basic Photography Modes

- **Intelligent Auto (iAuto) Mode:** This mode automatically detects scenes, lighting conditions, and faces, adjusting settings for optimal results. It incorporates Intelligent Scene Recognition, Face Detection, and Optical SteadyShot.
- **Scene Modes:** The camera features 13 convenient scene modes. Intelligent Scene Recognition (iSCN) Mode automatically detects nine different types of scenes (e.g., Backlight, Portrait, Landscape, Macro) and selects appropriate camera settings.

## Advanced Shooting Features

- **3D Sweep Panorama:** Capture vast scenic vistas in 3D by sweeping the camera across the scene. Playback on compatible 3D televisions.
- **Intelligent Sweep Panorama Mode:** Automatically stitches multiple images into a single panoramic shot. Detects faces and moving subjects to avoid distortion.
- **Superior Auto Mode:** Produces cleaner, more dynamic pictures by combining up to six shots for greater clarity, optimum dynamic range, and lower image noise.
- **Background Defocus:** Blurs the background to emphasize the subject, mimicking DSLR effects.
- **Soft Skin Mode:** Recognizes skin tones and reduces the appearance of blemishes and wrinkles in portraits.
- **Tracking Focus:** Maintains precise focus on fast-moving subjects by touching them on the LCD monitor.
- **Natural Flash:** Corrects flash colors for more lifelike images by taking a reference shot without flash.
- **Sweep Multi Angle Mode:** Captures 15 images at different angles, allowing for a 3D-like view on the camera's LCD during playback.
- **Anti-Motion Blur Mode:** Captures six images in a fraction of a second and combines them to reduce subject blur in low light.
- **Handheld Twilight:** Captures six images in low light without a tripod, combining them for extraordinary detail and low noise.
- **Backlight Correction HDR:** Takes two pictures at different exposure settings and processes the best elements into a single image for natural-looking shots in high-contrast scenes.
- **High Sensitivity Mode (ISO 3200):** Allows for faster shutter speeds in low light without flash.
- **Self-Portrait Timer:** Utilizes Face Detection to trigger a 2-second timer when your face enters the frame.
- **Anti-blink Function:** Captures two images and saves the one with less squinting or blinking.
- **Intelligent AF:** Achieves ultra-quick focus in as little as 0.3 seconds.

## Video Recording

- **1080i AVCHD Movie Mode:** Record high-definition movies at 60i. Footage can be played back on Blu-ray Disc players, Sony PlayStation3 systems, and compatible PCs and HDTVs.
- **HD MP4 Movie Mode:** Records 1440x1080 high-definition movies at 30 fps, suitable for PC transfer and sharing on photo/video-sharing websites.
- **Convenience:** A dedicated Movie start/stop icon makes it easy to access this mode via the touch screen.

## Display and Navigation

- **3.5-inch Xtra Fine LCD Touch Screen:** A large (921K pixels) display with TruBlack technology for clear viewing and easy touch screen operation.
- **Easy Touch Screen Interaction:** Select focus points, scroll through images, and access the MENU with simple touch gestures.
- **Function Guide:** Provides beginner-friendly descriptions of functions and settings on the LCD screen.
- **Wide Zoom Display:** Automatically expands 4:3 and 3:2 images to 16:9 for full HDTV screen viewing.

## In-Camera Editing

- **In-Camera Retouching Tools:** Trim, correct red-eye, and apply unsharp masking directly on the camera.
- **Creative Painting Tools:** Decorate photos with words, drawings, stamps, and picture frames.
- **PHOTOMUSIC:** Combine images with music to create slide shows with visual effects.

## CONNECTING TO OTHER DEVICES

## HDMI Output

Connect your Cyber-shot camera to any compatible HDMI device (e.g., HDTV) using an HDMI cable to view your photos and videos in high definition.

## USB Connectivity

Use the provided USB cable to connect your camera to a compatible PC or Mac system for transferring images and videos. The included Sony PMB (Picture Motion Browser) software assists with organization and sharing.

## TransferJet Technology

For quick file transfers between two TransferJet-enabled devices, simply touch their TransferJet logos together.

## DVDDirect DVD Recorder Compatibility

The DSC-TX9/H is compatible with select DVDDirect DVD recorders, allowing you to burn HD footage to Blu-ray Discs for playback on compatible players.

## CARE AND MAINTENANCE

- Keep the camera clean by wiping it with a soft, dry cloth.
- Avoid exposing the camera to extreme temperatures, humidity, or dust.
- Do not attempt to disassemble or repair the camera yourself. Refer to authorized service personnel for any issues.
- Store the camera in a protective case when not in use.

## TROUBLESHOOTING

If you encounter any issues with your camera, please refer to the following general troubleshooting steps:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check if Optical SteadyShot is enabled. Ensure proper focus and sufficient lighting.
- **Memory card error:** Ensure the memory card is correctly inserted and not damaged. Try formatting the card (this will erase all data).
- **Touch screen unresponsive:** Gently clean the screen. If the issue persists, power cycle the camera.

For more detailed troubleshooting, consult the full user manual available on the Sony support website.

## TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Sony
Model Name	Sony DSC-TX9
Photo Sensor Resolution	12.2 MP
Photo Sensor Technology	BSI CMOS
Optical Zoom	4 x

Specification	Value
Image Stabilization	Optical
Screen Size	3.5 Inches
Display Type	LCD
Touch Screen Type	Yes
Video Resolution	FHD 1080p
Supported File Format	AVCHD, JPEG
Connectivity Technology	HDMI, USB
Flash Memory Type	SD/ SDHC/ SDXC, Memory Stick Duo/Pro Duo, Internal
Item Weight	5.28 ounces
Color	Dark Gray

## PACKAGE CONTENTS

The following items are included with your Sony DSC-TX9/H camera:

- Rechargeable Battery (NP-BN1)
- Battery Charger
- A/V Cable
- Wrist Strap
- Paint Pen
- CD-ROM (with Sony PMB software)
- Multi Output Stand
- HDMI Cable
- Tripod

## WARRANTY AND SUPPORT

Your Sony DSC-TX9/H camera comes with a **1 YEAR LIMITED** warranty. For detailed terms and conditions, please refer to the warranty card included in the package or visit the official Sony support website.

For additional support, FAQs, software updates, and accessories, please visit the [Sony Store](#) or the official Sony support portal.