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Fujifilm X100S

Fujifilm X100S Digital Camera User Manual

Model: X100S

1. OVERVIEW

The Fujifilm X100S is a high-performance digital camera designed for advanced photography. It features a 16-megapixel APS-C X-Trans CMOS II sensor, a fixed Fujinon 23mm F2 lens, and a unique Hybrid Viewfinder. This manual provides detailed instructions for setting up, operating, and maintaining your camera to achieve optimal results.



Figure 1.1: Front view of the Fujifilm X100S Digital Camera. This image displays the camera's classic silver and black design, highlighting the fixed Fujinon 23mm F2 lens and the optical viewfinder window.

Key Features:

- **APS-C 16M X-Trans CMOS II Sensor:** Delivers high-resolution images with reduced moiré and excellent color reproduction.
- **Fujinon 23mm F2 Fixed Focal Length Lens:** Provides a 35mm equivalent field of view, ideal for street photography and portraits, with a bright maximum aperture for low-light performance and shallow depth of field.

- **Hybrid Viewfinder:** Seamlessly switch between a bright optical viewfinder (OVF) and a high-resolution electronic viewfinder (EVF) for versatile shooting.
- **Fast Autofocus:** Enhanced autofocus speed thanks to integrated phase detection pixels on the sensor.
- **Manual Focus Aids:** Features Digital Split Image and Focus Peak Highlight for precise manual focusing.
- **Retro Styling and Controls:** Intuitive manual dials for shutter speed and exposure compensation.
- **Full HD Movies:** Capable of recording high-definition video.

2. SETUP

2.1. Battery Installation

1. Ensure the camera is powered off.
2. Open the battery cover located on the bottom of the camera.
3. Insert the battery with the correct orientation, aligning the contacts.
4. Close the battery cover securely.

2.2. Memory Card Insertion

1. Ensure the camera is powered off.
2. Open the memory card slot cover, usually located near the battery compartment.
3. Insert an SD, SDHC, or SDXC memory card into the slot until it clicks into place. Ensure the card is facing the correct direction.
4. Close the memory card slot cover.

2.3. Initial Power On and Basic Settings

1. Turn the camera on using the ON/OFF switch.
2. Follow the on-screen prompts to set the date, time, and language.
3. Format the memory card before first use to ensure optimal performance. This can typically be found in the camera's menu settings under 'Setup' or 'Format'.

3. OPERATING THE CAMERA

3.1. Controls and Dials

The X100S features dedicated dials for key settings, allowing for quick adjustments without navigating menus.



Figure 3.1: Top view of the Fujifilm X100S, illustrating the manual shutter speed dial and exposure compensation dial. These physical controls provide direct access to critical exposure settings.

- **Shutter Speed Dial:** Located on the top plate, this dial allows direct selection of shutter speeds.
- **Exposure Compensation Dial:** Also on the top plate, use this dial to adjust exposure by +/- 2 stops in 1/3 EV increments.

- **Aperture Ring:** The lens features a manual aperture ring for direct control over the F2 to F16 aperture range.
- **Focus Mode Selector:** A switch on the side of the camera allows selection between Manual Focus (MF), Single Autofocus (AFS), and Continuous Autofocus (AFC).

3.2. Viewfinder System

The Hybrid Viewfinder offers flexibility for various shooting situations.

- **Optical Viewfinder (OVF):** Provides a bright, clear, real-time view of your subject, ideal for traditional rangefinder-style shooting.
- **Electronic Viewfinder (EVF):** Offers a digital preview of your shot, including exposure, white balance, and depth of field, with a 2,360K-dot resolution.
- **Switching Viewfinders:** Use the dedicated lever on the front of the camera to toggle between OVF and EVF.

3.3. Focusing System

The X100S incorporates advanced focusing technologies for both automatic and manual precision.

- **Autofocus (AF):** The camera uses phase detection pixels integrated into the X-Trans CMOS II sensor for fast and accurate autofocus.
- **Digital Split Image:** A manual focus aid that displays a split image on the LCD or EVF, helping you align two parts of the image for precise focus.
- **Focus Peak Highlight:** Highlights high-contrast edges of your subject in the LCD or EVF, indicating areas that are in focus. This is particularly useful for macro photography or when using wide apertures.

3.4. Exposure and Shooting Modes

The camera supports various exposure modes to suit different photographic needs.

- **Program AE (P):** Camera sets both aperture and shutter speed automatically.
- **Shutter Priority AE (S):** You set the shutter speed, and the camera selects the appropriate aperture.
- **Aperture Priority AE (A):** You set the aperture, and the camera selects the appropriate shutter speed.
- **Manual (M):** You control both aperture and shutter speed.
- **Scene Modes:** Pre-set modes optimized for specific scenarios (e.g., Portrait, Landscape).
- **Metering:** Options include Multi, Average, and Spot metering.

3.5. Flash Usage

The X100S includes a built-in flash for additional illumination.

- **Built-In Flash:** Located above the lens, suitable for fill-flash or low-light situations.
- **Flash Modes:** Various modes available, including Macro flash.
- **Hot Shoe:** For external flash units.

3.6. Video Recording

Record Full HD movies with your X100S.

- **Resolution:** FHD 1080p.
- **Format:** AVC.
- **Initiating Recording:** Refer to the camera's menu or dedicated video button for starting and stopping video capture.

4. MAINTENANCE

4.1. Cleaning the Camera

- **Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water.
- **Lens:** Use a lens brush or blower to remove dust. For smudges, use a lens cleaning solution and a microfiber cloth. Avoid touching the lens surface directly.
- **LCD Screen:** Gently wipe with a soft, lint-free cloth.

4.2. Battery Care

- Charge the battery fully before first use.
- Store batteries in a cool, dry place when not in use.
- Avoid exposing batteries to extreme temperatures.

4.3. Storage

- Store the camera in a dry, well-ventilated area, away from direct sunlight and high humidity.
- If storing for an extended period, remove the battery and memory card.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Fujifilm X100S.

- **Camera Does Not Power On:** Check if the battery is charged and correctly inserted. Ensure the battery contacts are clean.
- **Memory Card Error:** Ensure the memory card is inserted correctly and is not full. Try formatting the card (this will erase all data). If the issue persists, try a different memory card.
- **Autofocus is Slow or Inaccurate:** In very low light or with low-contrast subjects, autofocus may struggle. Switch to manual focus using the Digital Split Image or Focus Peak Highlight aids.
- **Images are Overexposed/Underexposed:** Check your exposure compensation dial. Ensure your shooting mode and ISO settings are appropriate for the lighting conditions.
- **Image Quality Issues:** Ensure the lens is clean. Check your ISO settings; high ISO values can introduce noise.

For more complex issues, consult the Fujifilm support resources or contact customer service.

6. SPECIFICATIONS

Detailed technical specifications for the Fujifilm X100S Digital Camera.

Feature	Specification
Model Name	Fujifilm X100S
Photo Sensor Resolution	16 MP
Photo Sensor Size	APS-C
Lens Type	Prime, Fujinon 23mm F2
Equivalent Focal Length	35mm (in 35mm format)
Optical Zoom	1x
Viewfinder	Hybrid (Electronic, Optical)
Screen Size	2.8 Inches
Maximum Shutter Speed	1/4000 Seconds
Minimum Shutter Speed	30 seconds
Continuous Shooting	6 FPS
Video Resolution	FHD 1080p
Supported File Format	JPEG (Exif 2.3), RAW (RAF format), RAW+JPEG
Connectivity Technology	HDMI, USB
Wireless Technology	EyeFi
Item Weight	1 Pounds
UPC	074101021691

7. WARRANTY AND SUPPORT

7.1. Limited Warranty

This product may come with a limited warranty. For specific details regarding coverage, duration, and terms, please refer to the warranty information provided at the time of purchase. Typically, this includes a 90-day parts and labor warranty from the original purchase date.

7.2. Customer Support

For technical assistance, service, or inquiries regarding your Fujifilm X100S camera, please contact Fujifilm customer support through their official website or the contact information provided in your product packaging.

