

Fujifilm HS30EXR

Fujifilm FinePix HS30EXR Digital Camera User Manual

Model: HS30EXR

1. INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Fujifilm FinePix HS30EXR Digital Camera. Designed for versatility and optical quality, the HS30EXR features a high-performance 16MP EXR CMOS sensor and a powerful 30x optical zoom lens, making it suitable for a wide range of photographic needs.



Figure 1: Fujifilm FinePix HS30EXR Digital Camera. This image shows the camera from a front-right angle, highlighting its large Fujinon zoom lens and ergonomic grip.

2. SETUP

2.1. Battery Installation and Charging

The camera uses a Li-ion NP-W126 battery. Ensure the battery is fully charged before first use.

1. Open the battery compartment cover located at the bottom of the camera.
2. Insert the NP-W126 battery into the compartment, ensuring the correct orientation as indicated by the diagram inside.
3. Close the battery compartment cover securely.
4. To charge, connect the battery to the provided charger. The charger typically has an indicator light that changes color when charging is complete.

Note: The long-life Li-ion battery is capable of capturing up to 600 frames on a single charge.

2.2. Memory Card Insertion

The camera supports SD/SDHC/SDXC memory cards.

1. Locate the memory card slot on the right side of the camera body.
2. Open the memory card slot cover.
3. Insert the memory card with the label facing the front of the camera until it clicks into place.
4. Close the memory card slot cover securely.

The easy access memory slot facilitates card changes even when the camera is tripod-mounted.

3. OPERATING THE CAMERA

3.1. Power On/Off and Basic Operation

To power on the camera, slide the power switch. The camera wakes in approximately 0.8 seconds in QUICK mode. The camera features an ergonomically angled mode dial for quick selection of shooting modes.

3.2. Lens and Zoom

The FinePix HS30EXR is equipped with a high-quality Fujinon 30x manual optical zoom lens (24-720mm equivalent). The zoom is controlled by twisting the lens barrel for speedy and intuitive adjustment.

For extended reach, the 60x Intelligent Digital Zoom offers an astonishing 1440mm equivalent focal length, minimizing noise and enhancing contrast even at super-telephoto magnification.

A remarkable 1cm Super Macro Mode allows for capturing exquisite detail from very close distances.

3.3. Image Stabilization

The camera features highly effective CMOS-shift and high ISO image stabilization to ensure sharp and clear shots, especially at full 30x zoom, by compensating for camera shake and subject movement.

The Advanced Anti Blur mode uses Multi Frame technology to layer four consecutive high-speed frames into a single, sharp, blur-free image with low noise, even at telephoto settings.

3.4. EXR CMOS Sensor and Modes

The 16-Megapixel BSI (Back Side Illuminated) EXR CMOS sensor offers three primary EXR modes:

- **HR (High Resolution) Mode:** Maximizes the full 16-megapixel resolution for fine details in bright conditions.
- **DR (Wide Dynamic Range) Mode:** Captures two images simultaneously to produce a single image with enhanced dynamic range, revealing shadow details and preventing highlight washout.
- **SN (High Sensitivity & Low Noise) Mode:** Utilizes high-sensitivity to capture smooth textures and natural brightness with minimal noise in low light.

In EXR AUTO mode, the camera automatically recognizes and optimizes white balance, focus, exposure, and other settings across 103 shooting patterns, including motion detection and person detection.

3.5. Viewfinder and LCD Screen

The bright, sharp electronic viewfinder (EVF) boasts 920,000 dots resolution and an expanded 22-degree viewing angle. An "Eye Sensor" automatically switches the view from the LCD when you bring the camera to your eye.

The 3.0-inch, 460,000-dot LCD screen tilts for flexible viewing options (45° downward, 90° upward), making it easy to compose shots from various angles. It also features a high-contrast Sunlight Mode for clear viewing outdoors.

3.6. Manual Controls and Buttons

The camera provides extensive manual controls for advanced users:

- **Manual Exposure Setting (M/A/S/P):** Quick selection of automatic and manual exposure settings.
- **Direct Shooting Command Buttons:** Conveniently located buttons for ISO, AE (Exposure), AF (Autofocus), AF C/S/M (Single/Continuous/Manual AF), and WB (White Balance).
- **Movie Record Button:** Dedicated button for immediate Full HD video recording.
- **Function Button (Fn):** Customizable button for frequently used functions like RAW, Film Simulation, or image quality modes.

3.7. Special Shooting Modes

- **Film Simulation Mode:** Replicates the distinctive look of Fujifilm color films (PROVIA, Velvia, ASTIA) and offers Black & White and Sepia modes.
- **Three Bracketing Functions:**
 - Film Simulation Bracketing (PROVIA, Velvia, ASTIA).
 - AE Bracketing (up to $\pm 1.0\text{EV}$).
 - Dynamic Range Bracketing (100%, 200%, 400%).
- **RAW+JPEG Mode:** Simultaneously records images in RAW for post-processing and JPEG for easy sharing.
- **Pro Focus Mode with Face Detection:** Emulates DSLR-like shallow depth of field by combining multiple exposures.
- **Pro Low-light Mode:** Combines four high-sensitivity, low-noise exposures into one for improved low-light performance.
- **Multiple Exposures:** Superimpose two different exposures in a single frame.
- **Motion Panorama 360:** Sweep the camera to create giant panoramas up to 360°.
- **3D Mode (Individual Shutter 3D):** Creates convincing 3D images from two exposures, with an on-screen guide for easy positioning.

3.8. High-Speed Performance

The EXR Processor with Dual CPUs ensures outstanding power and speed, enabling:

- **High-Speed Auto Focus:** Focuses in as little as 0.16 seconds.
- **High Speed Continuous Shooting:** Capture action at 8 frames per second (fps) at 16-megapixel resolution, or 11 fps at 8-megapixels.
- **High Speed Movie:** Record video at up to 320 fps (320 x 112 pixels) for slow-motion playback.
- **Best Frame Capture Mode:** Records photos at 11fps (8MP) when the shutter is half-pressed, allowing you to select the best shot from a sequence.

3.9. Video Recording

The FinePix HS30EXR records Full HD video (1920 x 1080p; 30fps/H.264 High Profile) with stereo sound. Features include:

- Improved continuous autofocus with facial recognition.
- Movie scene recognition for optimized settings.
- HD Movie + EXR High Sensitivity for challenging lighting.
- HD Movie + Film Simulation for atmospheric effects.
- HD Movie + 30x Manual Zoom for dynamic effects.
- HDMI port for viewing on HDTV (cable sold separately).

Your browser does not support the video tag.

Video 1: Official Fujifilm HS30 Product Overview. This video provides a comprehensive overview of the camera's features, including its sensor, zoom capabilities, image stabilization, and various shooting modes.

3.10. Face Detection and Recognition

The camera offers advanced face detection features:

- **Face Detection:** Optimizes focus and exposure for faces.
- **Red-eye Removal:** Automatically corrects flash reflection.
- **Detects up to 10 Faces:** Recognizes multiple faces in a photo for group portraits.
- **Face Recognition:** Register up to 8 people, and the camera will recognize them and optimize settings.
- **Auto Release:** Automatically releases the shutter when a detected face is optimized.
- **Dog / Cat Detection:** Optimizes focus and exposure for pet photos, with an auto-release option when the pet looks at the camera.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Fujifilm FinePix HS30EXR, follow these maintenance guidelines:

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Avoid touching the lens surface with your fingers.
- **Cleaning the Body:** Wipe the camera body with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the camera.
- **Battery Care:** Store batteries in a cool, dry place. If not using the camera for an extended period, remove the battery.
- **Storage:** Store the camera in a dry, dust-free environment, ideally in a camera bag, to protect it from impacts and environmental elements.
- **Avoid Extreme Conditions:** Do not expose the camera to extreme temperatures, high humidity, or direct sunlight for prolonged periods. The camera is not water resistant.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your camera.

5.1. "Lens Control Error" Message

Some users have reported a "lens control error" message. This can sometimes be resolved by:

1. Powering off the camera.
2. Removing the battery and memory card.
3. Waiting for a few minutes.
4. Reinserting the battery and memory card, then powering on the camera.

If the issue persists, contact Fujifilm customer support.

5.2. Short Battery Life

If your battery life seems shorter than expected:

- Ensure the battery is fully charged using the official charger.

- Reduce usage of power-intensive features like continuous shooting, video recording, or frequent flash use.
- Lower the LCD brightness.
- Consider purchasing additional genuine Fujifilm batteries or compatible third-party batteries.

5.3. Blurry Photos

If your photos are consistently blurry:

- Ensure proper focus. The camera focuses in as little as 0.16 seconds.
- Utilize the image stabilization feature, especially at longer focal lengths.
- Use the Advanced Anti Blur mode in low light or when shooting moving subjects.
- Increase ISO sensitivity in low light conditions (note: higher ISO can introduce noise).
- Use a tripod for maximum stability, especially with long zoom or slow shutter speeds.

6. SPECIFICATIONS

Feature	Description
Model Name	Fujifilm FinePix HS30EXR
Sensor Type	1/2-inch BSI EXR CMOS
Effective Still Resolution	16 MP
Optical Zoom	30x (24-720mm equivalent)
Digital Zoom	2x (60x Intelligent Digital Zoom)
Image Stabilization	Sensor-shift
Video Resolution	Full HD 1080p (1920 x 1080p; 30fps/H.264)
Display Type	3.0-inch Tilting LCD (460,000 dots)
Viewfinder	Electronic (920,000 dots)
ISO Sensitivity	Expanded ISO 100-12800
Continuous Shooting	Up to 11 fps (at 8 MP)
Battery Type	Li-ion NP-W126
Connectivity	USB, HDMI
Storage Media	SD/SDHC/SDXC
Weight	1.5 Pounds

7. WARRANTY AND SUPPORT

The Fujifilm FinePix HS30EXR Digital Camera comes with a limited 1-year warranty covering parts and labor. For technical support, service, or warranty claims, please contact Fujifilm customer service. Refer to the official Fujifilm website or your purchase documentation for the most current contact information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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