

## Samsung EC-SH100

# Samsung EC-SH100 Wi-Fi Digital Camera User Manual

Model: EC-SH100

## 1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for the safe and efficient use of your Samsung EC-SH100 Wi-Fi Digital Camera. The EC-SH100 is a 14.2-megapixel digital camera featuring a 5x optical zoom, a 3-inch touchscreen, and integrated Wi-Fi capabilities for easy sharing and connectivity.

Key features include:

- Wi-Fi technology for direct photo and video uploads to social media (Facebook, YouTube) or email.
- Intuitive 3-inch LCD touchscreen with drag-and-scroll functionality.
- 14.2-megapixel resolution and 5x optical zoom for high-quality images.
- Face, smile, and blink detection for optimal portrait shots.
- Wireless, automatic file backup to your personal computer.



Figure 1.1: Front view of the Samsung EC-SH100 Wi-Fi Digital Camera, showcasing the lens and flash.

## 2. WHAT'S IN THE BOX

Please check that all the following items are included in your product package:

- Samsung EC-SH100 Digital Camera
- AC Adapter/USB Cable
- Rechargeable Lithium-Ion Battery
- Strap
- Touch Pen
- User Manual CD-ROM
- Quick Start Manual

## 3. SETUP

### 3.1. Charging the Battery

1. Insert the rechargeable lithium-ion battery into the camera's battery compartment.
2. Connect the camera to the AC adapter using the provided USB cable.
3. Plug the AC adapter into a power outlet. The charging indicator will illuminate.
4. Allow the battery to fully charge before first use.

### 3.2. Inserting a Memory Card

The camera requires a microSD card (up to 8 GB supported) to store photos and videos. A memory card is not included in the box and must be purchased separately.

1. Open the memory card slot cover.
2. Insert the microSD card with the gold contacts facing down until it clicks into place.
3. Close the memory card slot cover securely.

### 3.3. Powering On/Off



Figure 3.1: Top view of the camera, highlighting the power button.

Press the **POWER** button located on the top of the camera to turn it on or off.

## 4. OPERATING THE CAMERA

### 4.1. Basic Photography

1. Turn on the camera.
2. Frame your shot using the 3-inch LCD touchscreen.
3. Press the shutter button halfway to focus, then fully to capture the image.

### 4.2. Using the Smart Touch Interface



Figure 4.1: Rear view of the camera, showing the Smart Touch interface.

The 3-inch LCD touchscreen allows for intuitive navigation similar to a smartphone. Use the included touch pen or your finger to tap icons, drag, and scroll through menus and images. The "Home" icon provides quick access to the main menu.

### 4.3. Smart Auto 2.0

The Smart Auto 2.0 feature automatically analyzes the scene and selects the most appropriate shooting mode from 17 photo modes and 4 movie modes to ensure optimal image quality.

### 4.4. Face, Smile, and Blink Detection

This feature detects up to nine faces in a frame, adjusting lighting for optimal results. The camera can be set to automatically capture a photo when subjects smile or laugh, and prevent a shot if anyone's eyes are closed.

### 4.5. Digital Image Stabilization

Digital Image Stabilization (DIS) helps reduce blur caused by camera shake, especially in low light conditions or when using the zoom. This feature digitally corrects image data before it is recorded.

### 4.6. Wi-Fi Connectivity and Sharing

The EC-SH100's integrated Wi-Fi allows for direct sharing:

- **Social Sharing:** Upload photos and videos directly to Facebook, Picasa, or YouTube.
- **Email:** Send photos directly from the camera via email.
- **AllShare:** Wirelessly connect to a compatible Samsung TV to view photos and videos.
- **PC Auto Backup:** Automatically transfer photos and videos to your PC when within range of a configured Wi-Fi network. The camera will power off after backup to conserve energy.

### 4.7. Magic Frame

Use Magic Frame to combine two photos using predefined templates, creating unique visual effects and poster-quality images.

### 4.8. Remote Viewfinder

When paired with a compatible Samsung Galaxy Phone, the Remote Viewfinder feature allows you to preview images and control the camera's zoom remotely using your smartphone. This also enables geo-tagging of images if your smartphone has GPS.

## 5. MAINTENANCE

### 5.1. Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For the lens and LCD screen, use a specialized lens cleaning cloth and solution. Avoid harsh chemicals.

### 5.2. Battery Care

- Store the battery in a cool, dry place when not in use.
- Avoid exposing the battery to extreme temperatures.
- Charge the battery regularly, even if the camera is not used frequently, to maintain its lifespan.

### 5.3. Firmware Updates

Periodically check the Samsung support website for available firmware updates for your camera. Firmware updates can improve performance and add new features. Follow the instructions provided by Samsung carefully when performing an update, typically involving connecting the camera to a computer.

## 6. TROUBLESHOOTING

- **Camera does not turn on:** Ensure the battery is fully charged and correctly inserted.
- **Cannot take photos/videos:** Verify that a microSD card is inserted and has sufficient free space.
- **Blurry images:** Ensure Digital Image Stabilization is active. Hold the camera steady. In low light, use a tripod if possible.
- **Poor video audio:** Ensure the microphone is not obstructed. Note that some users have reported limited audio quality in video recordings.
- **Wi-Fi connection issues:** Check your Wi-Fi network settings and ensure the camera is within range. Re-enter network passwords if necessary.
- **Camera turns on by itself:** The power button may be accidentally pressed if the camera is stored in a tight space like a purse. Ensure the camera is stored in a way that prevents accidental button presses.

## 7. SPECIFICATIONS

Product Dimensions	3.66 x 0.75 x 2.13 inches (W x D x H)
Item Weight	3.84 ounces
Image Sensor	14.2 Megapixels CCD
Optical Zoom	5x

<b>Lens</b>	26mm Samsung lens, 4.7-23.5mm (35mm equivalent: 26-130mm)
<b>Maximum Aperture</b>	f/3.3-5.9
<b>Display</b>	3-inch LCD Touchscreen
<b>Image Stabilization</b>	Digital, Optical
<b>Internal Memory</b>	6.9 MB
<b>External Memory</b>	microSD card up to 8 GB
<b>Battery</b>	Rechargeable Lithium-Ion (included)
<b>Supported File Format</b>	MP4 (Video)
<b>Connectivity</b>	Wi-Fi, USB
<b>Operating System Compatibility</b>	Windows 2000, XP, Vista, 7; Mac OS X 10.3 or higher

## 8. WARRANTY AND SUPPORT

### 8.1. Limited Warranty

The Samsung EC-SH100 Wi-Fi Digital Camera is backed by a one-year limited warranty on parts and labor. Please refer to the warranty card included in your product package for full terms and conditions.

### 8.2. Customer Support

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official Samsung support website. You may also refer to the User Manual CD-ROM and Quick Start Manual provided with your camera.