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- › [Canon](#) /
- › [Canon PowerShot S110 Digital Camera Instruction Manual](#)

Canon S110

Canon PowerShot S110 Digital Camera Instruction Manual

Model: S110

[Introduction](#) [What's in the Box](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#)
[Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

The Canon PowerShot S110 is a compact digital camera designed for high-quality imaging and versatile shooting. It features a 12.1 Megapixel High-Sensitivity CMOS sensor, a DIGIC 5 Image Processor, and a bright f/2.0 lens with 5x Optical Zoom. This camera also includes built-in Wi-Fi for convenient image sharing and a capacitive touch panel LCD for intuitive operation. This manual provides essential information for setting up, operating, and maintaining your PowerShot S110 camera.



Figure 1.1: Front view of the Canon PowerShot S110 Digital Camera. This image displays the camera's lens, flash, and overall compact design.

2. WHAT'S IN THE BOX

Verify that all the following items are included in your package:

- Canon PowerShot S110 Digital Camera
- Battery Pack
- Battery Charger
- USB Cable
- HDMI Cable
- Wrist Strap
- Software CD-ROM (for bundled software)



Figure 2.1: The Canon PowerShot S110 camera alongside its standard accessories, including the battery, charger, cables, and software disc.

3. SETUP

3.1. Charging the Battery

1. Insert the battery pack into the provided battery charger.
2. Plug the charger into a power outlet. The charging indicator light will illuminate.
3. Once charging is complete, the indicator light will change or turn off. Remove the battery.

3.2. Inserting the Battery and Memory Card

1. Open the battery/card compartment cover on the bottom of the camera.
2. Insert the charged battery pack firmly until it clicks into place.
3. Insert an SD/SDHC/SDXC memory card into the card slot with the label facing the correct direction, pushing until it clicks.
4. Close the compartment cover securely.

3.3. Initial Settings

Upon first power-on, you will be prompted to set the date, time, and language. Follow the on-screen instructions

using the camera's controls or touch screen.

3.4. Connecting to Wi-Fi

The PowerShot S110 features built-in Wi-Fi for image transfer. To connect:

1. Press the **MENU** button and navigate to the Wi-Fi settings.
2. Select your desired connection method (e.g., connect to a smartphone, computer, or Wi-Fi printer).
3. Follow the on-screen prompts to establish a connection. For smartphone connectivity, download the free Canon CameraWindow app.

4. OPERATION

4.1. Basic Photography

To take a photo:

1. Turn on the camera by pressing the **POWER** button.
2. Frame your shot using the 3.0-inch LCD screen.
3. Press the shutter button halfway down to focus. The focus frame will turn green when focus is achieved.
4. Press the shutter button fully to capture the image.



Figure 4.1: Rear view of the Canon PowerShot S110, showing the LCD screen, control buttons, and the control ring.

4.2. Shooting Modes

The PowerShot S110 offers various shooting modes accessible via the mode dial or menu:

- **Smart AUTO:** The camera automatically selects optimal settings based on the scene.
- **Program AE (P):** The camera sets aperture and shutter speed, while you control other settings like ISO and white balance.
- **Shutter-priority AE (Tv):** You set the shutter speed, and the camera adjusts the aperture. Ideal for controlling motion blur.
- **Aperture-priority AE (Av):** You set the aperture, and the camera adjusts the shutter speed. Useful for controlling depth of field.
- **Manual (M):** Full control over aperture, shutter speed, and ISO.
- **Custom (C):** Save and recall your preferred settings.
- **Special Scene Modes (SCN):** Includes modes like Portrait, Smooth Skin, Handheld Night Scene, Snow, and Fireworks for specific situations.

- **Creative Filters:** Apply effects such as Toy Camera Effect, Miniature Effect, Super Vivid, and Color Accent.
- **Movie Digest:** Records a short video clip before each still image and compiles them into a daily video.

4.3. Video Recording

To record Full HD (1080p) video:

1. Press the dedicated **MOVIE** button (red dot icon) located on the rear of the camera.
2. Press the button again to stop recording.

The camera supports zooming during video recording, and audio is captured in stereo. Videos can be viewed on an HDTV via the HDMI output.

4.4. Image Stabilization (Intelligent IS)

The Intelligent IS system automatically selects the optimal image stabilization mode for your shooting conditions:

- **Normal IS:** Corrects general camera movement for stills.
- **Panning IS:** Disables vertical shake correction when panning horizontally.
- **Macro (Hybrid) IS:** Corrects shift-type shake common in close-up photography.
- **Dynamic IS:** Effective for video shooting at wide-angle, reducing shake while walking.
- **Powered IS:** Compensates for hand movement during telephoto video recording.
- **Tripod IS:** Automatically disables IS when a tripod is detected.

4.5. Touch Panel LCD and Control Ring

The 3.0-inch capacitive touch panel allows for intuitive control:

- **Touch Shutter:** Tap the screen to focus and take a picture.
- **Playback Gestures:** Use pinch-to-zoom and swipe gestures to navigate images.
- **Settings Adjustment:** Quickly select camera settings by tapping.

The control ring around the lens barrel can be customized to adjust settings such as focus, aperture, shutter speed, ISO, or exposure compensation. Use the dedicated **RING FUNC.** button to select its function.

4.6. RAW+JPEG Recording

The camera supports simultaneous recording of RAW and JPEG images, providing maximum flexibility for post-processing. RAW files capture all sensor data, while JPEG files are processed in-camera for immediate use.

4.7. GPS Tagging

Utilize the Canon CameraWindow app on your smartphone to record GPS data. This data can then be wirelessly transferred to your camera to tag images with location information, aiding in organization.

4.8. Image Transfer and Printing

Images and videos can be transferred wirelessly to social networking sites via CANON IMAGE GATEWAY, to a PC, or to iOS/Android devices using the Canon CameraWindow app. You can also print directly to Wi-Fi compatible printers.

5. MAINTENANCE

5.1. Cleaning the Camera

- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, use a cloth lightly dampened with water and

then dry thoroughly.

- **Lens:** Use a lens blower to remove dust, then gently wipe with a lens cleaning cloth. Avoid touching the lens surface with your fingers.
- **LCD Screen:** Use a soft, dry cloth. For smudges, use a screen cleaner specifically designed for electronics.

Do not use organic solvents such as alcohol, benzene, or paint thinner, as these can damage the camera finish.

5.2. Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- If the camera will not be used for an extended period, remove the battery.

5.3. Storage

Store the camera in a dry, well-ventilated area, away from direct sunlight, high temperatures, and humidity. Consider using a desiccant to prevent mold growth, especially in humid environments.

6. TROUBLESHOOTING

6.1. Camera Does Not Turn On

- Ensure the battery is fully charged and correctly inserted.
- Check that the battery compartment cover is securely closed.

6.2. Lens Error / Lens Not Extending

- Check for any obstructions around the lens barrel.
- Turn the camera off and then on again. If the error persists, contact customer support.

6.3. Images Are Blurry

- Ensure the lens is clean.
- Confirm that the camera has focused correctly (focus frame turns green).
- In low light, use a higher ISO setting or enable flash.
- Hold the camera steady or use a tripod, especially with slower shutter speeds.

6.4. Wi-Fi Connection Issues

- Ensure your smartphone or computer's Wi-Fi is enabled and within range.
- Verify that the correct password or network settings are entered.
- Restart both the camera and the connecting device.
- Ensure the Canon CameraWindow app is updated to the latest version.

7. SPECIFICATIONS

Model Name	Canon PowerShot S110
Photo Sensor Resolution	12.1 MP
Photo Sensor Type	CMOS
Optical Zoom	5x

Minimum Focal Length	24 mm
Maximum Focal Length	120 mm
Maximum Aperture	f/2.0
Image Stabilization	Optical
Display Type	3.0-inch LCD Touch Screen
Video Resolution	Full HD 1000p
Connectivity	HDMI, USB, Wi-Fi
Supported File Format	JPEG, RAW
Flash Memory Type	SD/SDHC/SDXC
Item Weight	6.98 Ounces

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The Canon PowerShot S110 Digital Camera comes with a **Limited 1-Year Warranty**. This warranty covers defects in materials and workmanship under normal use. For full terms and conditions, please refer to the warranty card included with your product or visit the official Canon website.

8.2. Customer Support

For technical assistance, service, or additional information, please contact Canon customer support. You can find contact details and support resources on the official Canon website: www.usa.canon.com/support. Before contacting support, please have your camera's model name (PowerShot S110) and serial number ready.