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- › [Canon](#) /
- › [Canon PowerShot SX100IS Digital Camera Instruction Manual](#)

Canon 2420B001

# Canon PowerShot SX100IS Digital Camera Instruction Manual

Model: SX100IS (2420B001)

Brand: Canon

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## INTRODUCTION

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This manual provides comprehensive instructions for the safe and effective use of your Canon PowerShot SX100IS Digital Camera. The PowerShot SX100IS is an 8.0-megapixel digital camera featuring a 10x optical image-stabilized zoom lens, designed for capturing high-quality images and videos with ease. It incorporates Canon's DIGIC III Image Processor, Face Detection Technology, and Optical Image Stabilizer for enhanced performance and user convenience.



Figure 1: The Canon PowerShot SX100IS Digital Camera, showcasing its compact design with the 10x optical zoom lens retracted.

## SETUP

### 1. What's in the Box

Verify that all components are present:

- Canon PowerShot SX100IS Digital Camera
- AA-size alkaline batteries (x 2)
- 16MB SD memory card (SDC-16M)
- Wrist strap (WS-200)
- Digital Camera Solution CD-ROM
- USB interface cable (IFC-400PCU)
- AV cable (AVC-DC300)

### 2. Battery Installation

The PowerShot SX100IS operates on two AA-size batteries. For optimal performance and battery life, it is recommended to use NiMH rechargeable batteries.

1. Locate the battery compartment cover on the bottom of the camera.
2. Slide the cover latch to open the compartment.
3. Insert two AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

### 3. Memory Card Installation

The camera uses SD/SDHC/MMC memory cards for storing images and videos. A 16MB SD card is included.

1. Open the battery/memory card compartment cover.
2. Insert the memory card into the card slot with the label facing the correct direction (usually towards the front of the camera). Push until it clicks into place.
3. Close the compartment cover securely.



Figure 2: The Canon PowerShot SX100IS with its 10x optical zoom lens extended, indicating readiness for capturing images.

## OPERATING INSTRUCTIONS

### 1. Powering On/Off

Press the **ON/OFF** button located on the top of the camera to power it on or off. The lens will extend when powered on.



Figure 3: Top view of the Canon PowerShot SX100IS, highlighting the ON/OFF button and the Mode Dial for selecting shooting modes.

## 2. Basic Photography

To take a picture:

1. Turn the camera on.
2. Select your desired shooting mode using the **Mode Dial**.
3. Frame your shot using the 2.5-inch LCD screen.
4. Press the **Shutter Button** halfway down to focus. The camera will automatically detect faces and set focus/exposure.
5. Press the **Shutter Button** completely down to capture the image.



Figure 4: Rear view diagram of the Canon PowerShot SX100IS, illustrating the LCD screen and the arrangement of control buttons, including the control wheel and function buttons.

## 3. Using the Zoom

The camera features a 10x optical zoom and 4x digital zoom. Use the zoom lever located around the shutter button to adjust the focal length. Optical zoom provides higher quality images than digital zoom.

## 4. Shooting Modes

The **Mode Dial** allows selection of various shooting modes:

- **Auto Mode:** Camera automatically sets optimal settings.
- **Program AE (P) Mode:** Camera sets aperture and shutter speed, but allows control over other settings.
- **Manual (M) Mode:** Full control over aperture, shutter speed, and other settings.
- **Scene Modes:** Includes specific settings for common situations like Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium, and ISO 1600.

## 5. Face Detection Technology

The camera's DIGIC III processor includes advanced Face Detection. It automatically detects faces in the frame and optimizes focus, exposure, and flash settings for clear, natural-looking portraits. Use the **Face Selector Button** to prioritize a specific face.

## 6. Optical Image Stabilizer (IS)

The Optical Image Stabilizer reduces blur caused by camera shake, especially useful when shooting at longer zoom settings or in low light. This feature operates automatically.

## 7. Video Recording

To record a video:

1. Turn the Mode Dial to the movie camera icon.
2. Press the **Shutter Button** to start recording.
3. Press the **Shutter Button** again to stop recording.

*Note: Optical zoom is not available during video recording; only digital zoom can be used.*

## 8. Playback and Review

To view captured images and videos:

1. Press the **Playback Button** (usually indicated by a play icon).
2. Use the directional buttons or the control wheel to navigate through your photos and videos.
3. Press the **DISP** button to change the information displayed on the screen.



Figure 5: Rear view of the Canon PowerShot SX100IS, with the LCD screen displaying a captured image during playback mode.

## 9. Connecting to a Computer or Printer

Use the **Print/Share Button** for easy direct printing and image transfer.

- **Direct Printing:** Connect the camera to a PictBridge-compatible printer (e.g., Canon CP, SELPHY, or PIXMA Photo Printer) using the USB cable. Press the lighted Print/Share button to print.
- **Image Transfer:** Connect the camera to a computer (Windows or Macintosh) using the USB cable. Press the Print/Share button to initiate image transfer.

## MAINTENANCE

### 1. Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For the lens, use a lens brush or a soft, lint-free cloth specifically designed for optical surfaces. Avoid touching the lens with your fingers.
- For the LCD screen, use a soft, dry cloth. Do not use abrasive cleaners.

### 2. Battery Care

- Remove batteries if the camera will not be used for an extended period.
- Store batteries in a cool, dry place.
- Use high-quality AA batteries, preferably NiMH rechargeable ones, for best performance and longevity.

### 3. Memory Card Handling

- Always format new memory cards in the camera before first use.
- Do not remove the memory card while the camera is writing or reading data.
- Keep memory cards away from strong magnetic fields.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Batteries are depleted or incorrectly inserted.	Replace with fresh batteries or ensure correct polarity. Use fully charged NiMH batteries.
Images are blurry.	Camera shake, subject movement, or out of focus.	Hold the camera steady. Ensure the Optical Image Stabilizer is active. Use a faster shutter speed or flash in low light. Allow camera to focus completely before pressing shutter.
Red-eye in photos.	Flash reflection in subject's eyes.	Enable Red-eye Correction in camera settings or during playback. Increase ambient light.
Poor battery life.	Using alkaline batteries, frequent flash use, or extensive LCD use.	Switch to NiMH rechargeable batteries. Reduce flash usage. Adjust LCD brightness or use power-saving modes.
Memory card error.	Card is full, corrupted, or incompatible.	Delete unnecessary files, format the card (will erase all data), or try a different compatible SD/SDHC card.

## SPECIFICATIONS

Feature	Detail
Model Name	Canon PowerShot SX100IS
Effective Still Resolution	8 Megapixels
Photo Sensor Technology	CCD
Optical Zoom	10x
Digital Zoom	4x
Image Stabilization	Optical
Screen Size	2.5 Inches LCD
Supported File Format	JPEG
Video Resolution	480p (MJPEG format)

Feature	Detail
Storage Media	SD/SDHC/MMC card (up to 32 GB supported)
Power Source	2 x AA Batteries
Connectivity	USB, AV Out
Dimensions (approx.)	Item Height: 2.8 inches
Weight (approx.)	0.7 Pounds
Model Number	2420B001
UPC	013803087758

## WARRANTY AND SUPPORT

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For detailed warranty information and technical support, please visit the official Canon support website or contact Canon customer service. Keep your purchase receipt as proof of purchase.

[Visit Canon Support Website](#)

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