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Canon 9340B001

Canon PowerShot SX600 HS Digital Camera Instruction Manual

Model: 9340B001

PRODUCT OVERVIEW

The Canon PowerShot SX600 HS is a compact digital camera designed for capturing high-quality photos and videos with ease. It features a powerful 18x Optical Zoom, allowing users to capture distant subjects with clarity. Equipped with a 16.0 Megapixel High-Sensitivity CMOS sensor and the DIGIC 4+ Image Processor, this camera delivers excellent image quality, even in low-light conditions, thanks to the Canon HS SYSTEM.

Key functionalities include built-in Wi-Fi and NFC for seamless sharing and remote control, various creative shooting modes, and the ability to record stunning 1080p Full HD video. Its slim profile makes it an ideal companion for travel and everyday photography.



GETTING STARTED

Package Contents

Before beginning, ensure all items are present in the package:

- Canon PowerShot SX600 HS Digital Camera
- Rechargeable Li-ion Battery NB-6LH
- USB Cable
- Tripod (Note: The tripod is listed as a built-in media component, but typically refers to tripod mount compatibility or a bundled accessory. Verify actual contents.)
- Remote (Note: The remote is listed as a built-in media component, but the specifications state 'Remote Included: No'. Verify actual contents.)

Battery and Memory Card Installation

To prepare your camera for use:

1. Open the battery/card compartment cover, typically located on the bottom of the camera.
2. Insert the provided rechargeable battery (NB-6LH) into the battery slot, ensuring correct orientation.
3. Insert a compatible SD, SDHC, or SDXC memory card into the memory card slot until it clicks into place. A Class 10 or higher speed class is recommended for optimal performance, especially for video recording.
4. Close the compartment cover securely.

Charge the battery using the supplied USB cable and a compatible power source before first use.



Figure 2: Rear view of the camera, displaying the LCD and control layout.

BASIC OPERATION

Powering On/Off

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

Taking Photos

To capture a still image:

1. Turn on the camera.
2. Frame your shot using the LCD screen. Use the zoom lever to adjust the 18x optical zoom.
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 down to take the picture.

Recording Videos

To record a video:

1. Ensure the camera is powered on.
2. Press the dedicated movie button (red dot icon) to start recording.
3. Press the movie button again to stop recording. Videos are recorded in 1080p Full HD in MP4 format.

ADVANCED FEATURES

18x Optical Zoom

The camera features an 18x Optical Zoom lens (25-450mm equivalent), providing significant reach for capturing distant subjects without compromising image quality. This is ideal for events, wildlife, and travel photography.

Image Quality and Processing

16.0 Megapixel High-Sensitivity CMOS Sensor

The 16.0 Megapixel High-Sensitivity CMOS sensor captures detailed images with vibrant colors. Its design allows for more light intake, resulting in clearer images, especially in challenging lighting conditions.

DIGIC 4+ Image Processor

The DIGIC 4+ Image Processor enhances the camera's performance, enabling fast and responsive operation. It contributes to improved image quality, reduced noise in high ISO shots, and efficient processing for features like Hybrid Auto and Creative Shot.

Canon HS SYSTEM

The Canon HS SYSTEM combines the 16.0 Megapixel High-Sensitivity CMOS sensor with the DIGIC 4+ Image Processor to deliver exceptional low-light performance. This system allows for clear, naturally lit images with minimal noise, even at high ISO speeds up to 3200, reducing the need for flash.

Connectivity: Wi-Fi and NFC

Built-in Wi-Fi

The integrated Wi-Fi technology allows for direct connection to iOS and Android devices via the free Canon CameraWindow app. This enables easy sharing of photos and videos to social media platforms, cloud services, or other Wi-Fi equipped PowerShot cameras. Images can also be transferred to a computer on the same network via Image Sync.

NFC (Near Field Communication)

NFC simplifies Wi-Fi connectivity. By simply touching the camera's NFC icon to a compatible Android device (version 4.0 or later), the CameraWindow app will launch automatically for quick image sharing. If the app is not installed, the download screen will appear.

Remote Shooting

Utilize your smartphone or tablet to remotely control the camera via the Canon CameraWindow app. This feature provides a live view from the camera and allows control over zoom, flash, self-timer, and shutter, ideal for group photos or wildlife photography.

Creative Modes

Creative Shot Mode

This mode automatically analyzes the scene and applies one of 46 filter options, generating five additional artistic variations of your original shot. Filters are categorized into Retro, Monochrome, Special, and Natural, offering diverse artistic expressions.

Hybrid Auto

Hybrid Auto records up to four seconds of video before each still image. These clips are then automatically combined with the day's photos into a highlight reel, providing a dynamic summary of your shooting session in 720p HD.

Smart AUTO

Smart AUTO intelligently detects the scene by assessing various factors and selects the optimal camera settings from 32 predefined shooting situations. This ensures the best possible image capture for both stills and videos, simplifying the shooting process.

Image Stabilization (Intelligent IS)

Intelligent IS automatically analyzes camera movement and applies the most suitable shake correction method for the shooting situation. For stills, it selects from Normal IS, Panning IS, Macro (Hybrid) IS, and Tripod modes. For video, it chooses from Dynamic IS, Powered IS, Macro (Hybrid) IS, and Active Tripod IS, ensuring clear and steady images and videos.

ECO Mode

ECO Mode conserves battery life by managing the LCD monitor and camera power. It allows for more shots per charge and quickly wakes the camera from sleep when a button is pressed, extending shooting time.

Direct Printing

The camera supports direct printing to PictBridge (Wireless LAN) certified printers via Wi-Fi, or to Canon PIXMA or SELPHY photo printers using a USB cable, allowing for easy printing of your favorite moments.

SHOOTING MODES

The PowerShot SX600 HS offers a variety of shooting modes to suit different photographic situations:

- **Smart AUTO:** Automatically selects the best shooting settings based on subjects and environmental factors for point-and-shoot simplicity.
- **Movie Digest & Hybrid Auto:** Records a video clip before each still image, combining them into a single video highlight reel.
- **Program:** The camera intelligently selects the aperture/shutter speed combination based on shooting conditions.
- **Creative Shot:** Analyzes the scene and applies creative filters to automatically generate five variations in addition to the original image.
- **Portrait:** Brings the subject into focus while beautifully blurring the background.
- **Smart Shutter:** Automatically takes the photo when people smile, wink, or enter the frame.
- **High-Speed Burst:** Captures rapid action by shooting continuously at a high speed while the shutter button is held down.
- **Handheld Night Scene:** Enables clear and steady pictures at night without a tripod.
- **Low Light:** For high-quality image capture in dimly lit situations.
- **Fisheye Effect:** Creates a classic photographic distortion, simulating a fisheye lens.
- **Miniature Effect:** Gives images a miniature look by blurring the top and bottom.
- **Toy Camera Effect:** Simulates photos taken with toy or pinhole cameras, creating a vignette effect.
- **Monochrome:** Offers three single-tone effects: Black-and-White, Sepia, or Blue.
- **Super Vivid:** Intensifies existing hues, saturating the scene with bright colors.
- **Poster Effect:** Combines similar shades into one color, turning subtle gradations into eye-catching contrasts.
- **Snow:** Shoots clear snow scenes without darkened subjects or an unnatural bluish tint.
- **Fireworks:** Creates brilliant images of skyrocketing fireworks.
- **Long Shutter:** Used to blur moving subjects for artistic effect, ideal for urban night photography.
- **Movie:** Records video in stereo sound.

MAINTENANCE

Proper care and maintenance will extend the life of your camera:

- **Cleaning the Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- **Cleaning the Lens:** Use a lens brush or a blower to remove dust. For smudges, use a lens cleaning cloth and lens cleaning solution. Avoid touching the lens surface with your fingers.
- **Cleaning the LCD Screen:** Gently wipe the screen with a soft, lint-free cloth. Do not apply excessive pressure.
- **Storage:** When not in use, store the camera in a cool, dry place, away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods.
- **Battery Care:** Charge the battery regularly, even if not in frequent use, to maintain its lifespan. Avoid fully discharging the battery.

TROUBLESHOOTING

If you encounter issues with your camera, consider the following general troubleshooting steps:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Cannot take pictures:** Check if a memory card is inserted and has sufficient free space. Ensure the lens cap is removed (if applicable) and the camera is not in a mode that prevents shooting (e.g., playback mode).
- **Images are blurry:** Verify that the lens is clean. Ensure the camera is focusing correctly (press the shutter button halfway). Use Intelligent IS for shake reduction, especially in low light or at telephoto zoom.
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled on both the camera and the mobile device. Confirm the Canon CameraWindow app is installed and updated. Try restarting both devices.
- **Battery drains quickly:** Reduce LCD brightness, limit Wi-Fi usage, and consider activating ECO Mode. Ensure the battery is not old or damaged.

For more detailed troubleshooting or persistent issues, refer to the official Canon support resources or contact customer service.

SPECIFICATIONS

Feature	Description
Model Name	9340B001
Photo Sensor Resolution	16 MP
Optical Zoom	18x
Digital Zoom	4x
Maximum Focal Length	450 Millimeters
Minimum Focal Length	25 Millimeters
Image Stabilization	Optical (Intelligent IS)
Screen Size	3 Inches
Display Type	LCD
Video Resolution	HD 720p (Records 1080p Full HD)
Supported File Format	JPEG, Exif 2.3 compliant / DPOF Version 1.1 compliant (for stills); MP4 (for video)
Connectivity Technology	HDMI, NFC, USB, Wireless (Wi-Fi)
Battery Type	Rechargeable Li-ion Battery NB-6LH
Battery Average Life	290 Photos
Item Weight	6.59 ounces
Color	Black

Feature	Description
Manufacturer	Canon Cameras US

WARRANTY AND SUPPORT

The Canon PowerShot SX600 HS camera comes with a **1-year limited warranty** from the manufacturer, Canon Cameras US. This warranty typically covers defects in materials and workmanship under normal use.

For detailed warranty terms, service, or technical support, please refer to the official Canon website or contact Canon customer service. You can also visit the official Canon Store for additional resources and product information:

[Visit the Canon Store](#)

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