Canon SX60HS

Canon PowerShot SX60 HS Digital Camera User Manual

Model: SX60HS | Brand: Canon

1. INTRODUCTION AND OVERVIEW

The Canon PowerShot SX60 HS is a 16.1-megapixel digital camera featuring an impressive 65x optical zoom lens (equivalent to 21mm-1365mm). Designed for versatility, it includes Optical Image Stabilization to ensure clear, steady shots across its extensive zoom range. The camera incorporates a high-sensitivity CMOS sensor and the DIGIC 6 image processor, forming the Canon HS System for enhanced low-light performance. It supports full HD 1080p video recording at 60p, with USM and VCM technology for quiet zooming and focusing. An external microphone can be attached for improved audio. Built-in Wi-Fi and NFC capabilities allow for easy sharing of images and videos.

Figure 1: Front view of the Canon PowerShot SX60 HS Digital Camera.

2. SETUP

2.1. What's in the Box

- PowerShot SX60 HS Digital Camera
- Lens Cap (with Strap)
- Battery Pack NB-10L
- Battery Charger CB-2LC
- Neck Strap NS-DC11
- One Year Limited Warranty Card

2.2. Charging the Battery

Insert the Battery Pack NB-10L into the Battery Charger CB-2LC. Connect the charger to a power outlet. The charging indicator will illuminate during charging and turn off when charging is complete. Ensure the battery is fully charged before first use.

2.3. Inserting the Battery and Memory Card

1. Open the battery/card compartment cover on the bottom of the camera.
2. Insert the fully charged Battery Pack NB-10L, ensuring the correct orientation.
3. Insert a compatible SD/SDHC/SDXC memory card into the card slot until it clicks into place.
4. Close the compartment cover securely.

Note: The camera supports SD/SDHC/SDXC flash memory types with a speed class of 10.

3. OPERATING THE CAMERA

3.1. Powering On/Off

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

3.2. Basic Shooting Modes

Rotate the mode dial to select your desired shooting mode. Available modes include:

- **Automatic:** Camera automatically adjusts settings for optimal results.
- **Program (P):** Camera sets aperture and shutter speed, but you can adjust other settings.
- **Shutter Priority (Tv):** You set the shutter speed, camera sets aperture.
- **Aperture Priority (Av):** You set the aperture, camera sets shutter speed.
- **Manual (M):** Full control over aperture and shutter speed.
- **Movie:** Dedicated mode for video recording.
- **Special Scene Modes:** Includes Portrait, Landscape, Macro, Night Portrait, Sports, and more.

3.3. Zoom Functionality

The PowerShot SX60 HS features a 65x optical zoom lens. Use the zoom lever around the shutter button to zoom in (telephoto) or out (wide-angle). The camera also includes a Zoom Framing Assist function to help maintain track of subjects at extreme telephoto settings.

3.4. Recording Videos

To record video, set the mode dial to the Movie mode or press the dedicated movie button. The camera records in 1080p Full HD MP4 format at 60 frames per second. The USM and VCM technologies ensure quiet and smooth zooming and focusing during video capture. An external microphone can be connected for enhanced audio quality.

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Video 1: A review demonstrating the Canon PowerShot SX60 HS camera's features and capabilities, including its zoom and video functions. This video is provided by Pure Wyoming Productions LLC.

3.5. Wi-Fi and NFC Connectivity

The camera features built-in Wi-Fi and NFC for wireless image and video transfer. Use the Mobile Device Connect button to easily link your camera with compatible smartphones or tablets for sharing and remote control.

4. MAINTENANCE

4.1. Cleaning the Camera

- Use a soft, lint-free cloth to clean the camera body.
- For the lens, use a lens brush or blower to remove dust, then gently wipe with a lens cleaning cloth and

solution if necessary.

- Avoid using organic solvents or strong chemical cleaners.

4.2. Battery Care

Store batteries in a cool, dry place. If not using the camera for an extended period, remove the battery. Avoid exposing the battery to extreme temperatures.

4.3. Storage

When storing the camera, ensure it is turned off and the lens cap is attached. Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check if Optical Image Stabilization is enabled. Ensure sufficient lighting. For telephoto shots, consider using a tripod.
- **Poor low-light performance:** The Canon HS System is designed to improve low-light shots, but extreme low-light conditions may still result in noise. Increase ISO sensitivity if acceptable, or use flash.
- **Autofocus issues:** Ensure the subject is within the camera's focus range. In challenging conditions, try manual focus.
- **Wi-Fi/NFC connection problems:** Ensure your mobile device is compatible and the Canon Camera Connect app is installed. Refer to the app's instructions for connection details.

6. SPECIFICATIONS

Feature	Specification
Model Name	Canon PowerShot SX60
Photo Sensor Resolution	16.1 MP
Optical Zoom	65x
Digital Zoom	4x
Focal Length Description	21-1365 mm
Image Stabilization	Optical
Video Resolution	FHD 1080p
Screen Size	3 Inches
Display Type	Articulating LCD
Connectivity Technology	Wi-Fi, NFC, USB 2.0, HDMI Type C Mini
Supported File Format	JPEG (EXIF v2.3), Raw (Canon CR2, 12-bit)
Memory Card Type	SD/SDHC/SDXC
Item Weight	0.86 Kilograms

| Power Source | Battery Pack NB-10L, AC Adapter Kit ACK-DC80 (sold separately) |

7. WARRANTY AND SUPPORT

7.1. Warranty Information

This product comes with a 1-year limited warranty covering both labor and parts. Please refer to the included Warranty Card for full terms and conditions.

7.2. Customer Support

For technical assistance, service, or further information, please contact Canon Cameras US customer support. Contact details can be found on the official Canon website or in your product documentation.