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## Canon 5946C002

# Canon PowerShot V10 Camera Instruction Manual

MODEL: 5946C002

## 1. Introduction

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The Canon PowerShot V10 is a compact and versatile vlogging camera designed for content creators. It features a 15.2-megapixel 1-inch back-illuminated CMOS sensor, a fixed 19mm wide-angle lens, 4K video recording capabilities, and a built-in stand for flexible shooting. This manual provides essential information for setting up, operating, and maintaining your PowerShot V10 camera.



Figure 1.1: The Canon PowerShot V10 camera with its flip-up screen, ideal for vlogging and self-recording.

## 2. What's in the Box

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Before you begin, please ensure all items are present in your package:

- Camera Body (Canon PowerShot V10)
- USB-C to USB-C male/male Cable
- Wrist Strap



Figure 2.1: Included accessories with the Canon PowerShot V10 camera.

## 3. Setup

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### 3.1. Charging the Battery

The PowerShot V10 uses a built-in Lithium Ion battery. Before first use, fully charge the camera. Connect the supplied USB-C cable to the camera's USB-C port and the other end to a USB power adapter (not included) or a computer's USB port. The charging indicator light will show the charging status.



Figure 3.1: Connecting the USB-C cable for charging or data transfer.

### 3.2. Inserting a microSD Card

The camera requires a microSD card (sold separately) to store photos and videos. Locate the card slot cover on the side of the camera. Open the cover and gently insert the microSD card with the contacts facing down until it clicks into place. Close the cover securely.

### 3.3. Initial Power On and Settings

Press and hold the power button (located on the back of the camera) to turn on the device. Follow the on-screen prompts to set the date, time, and language. Ensure the screen is flipped up for optimal viewing during setup.

## 4. Operating the Camera

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### 4.1. Camera Controls Overview

Familiarize yourself with the main controls on the camera's rear panel:

- **Power Button:** Turns the camera on/off.
- **Shutter Button:** Located on the front, initiates video recording or captures a still photo.
- **Menu Button:** Accesses camera settings and options.
- **SET/INFO Button:** Confirms selections and displays information.
- **Navigation Buttons:** Used to navigate menus and adjust settings.
- **Playback Button:** Reviews recorded videos and photos.



Figure 4.1: Rear controls of the PowerShot V10.

## 4.2. Video Recording

To start recording, ensure the camera is in video mode (if applicable, or simply press the shutter button). Press the large red shutter button on the front of the camera to begin recording. Press it again to stop. The camera supports 8-bit 4K video at up to 30 fps and Full HD video at up to 60 fps.

### 4.2.1. Color Filters

The PowerShot V10 includes 14 built-in color filters to enhance the mood and ambiance of your videos. Access these filters through the on-screen menu during recording or in settings.

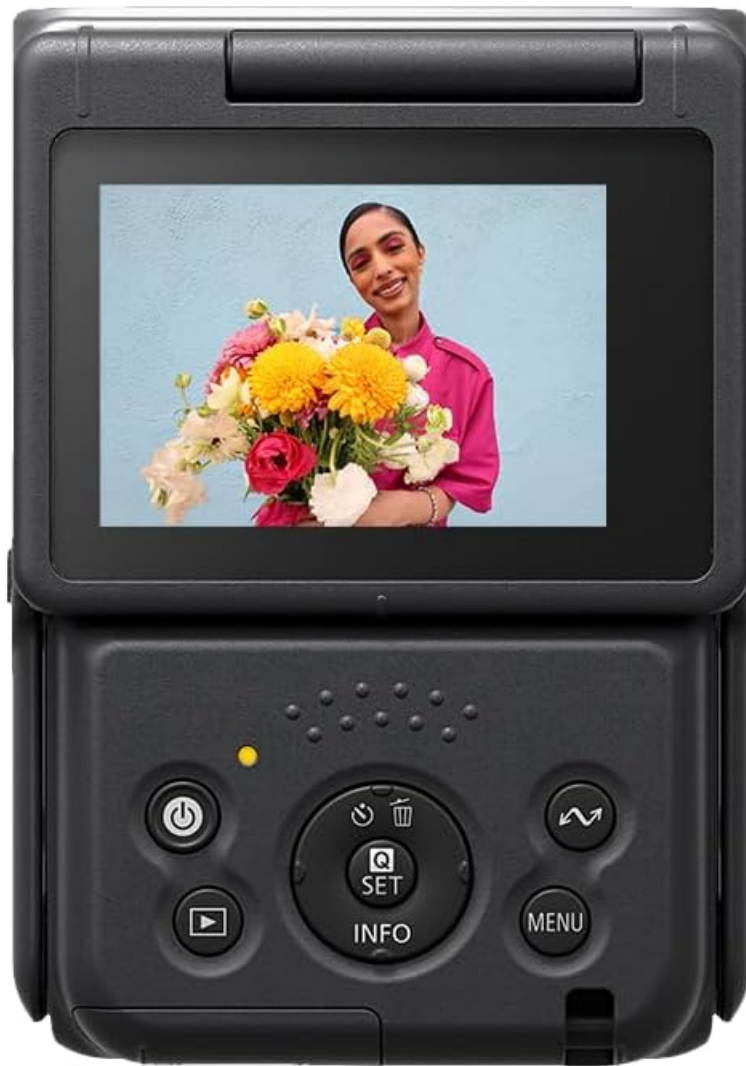


Figure 4.2: Selecting color filters on the PowerShot V10.

### 4.3. Image Stabilization

The camera offers three image stabilization modes for video recording: Off, On, and Enhanced. Enhanced Image Stabilization (available with firmware version 1.2.0 or later) is recommended for shooting while walking or in motion to minimize camera shake.

### 4.4. Audio Capture

The PowerShot V10 features a pair of high-quality stereo microphones for clear audio capture. A third microphone is strategically placed to help reduce unwanted background noise, ensuring your voice or primary audio source is prominent.

### 4.5. Using the Built-in Stand

The integrated stand can fold out from the bottom of the camera, allowing it to stand upright on a flat surface. It can be adjusted to various angles (up to 30 degrees) for versatile hands-free shooting, whether you're recording yourself or a scene.

# 14 Color Filters



Figure 4.3: Demonstrating the versatility of the built-in stand.

## 4.6. Connectivity and Live Streaming

The camera supports Wi-Fi and Bluetooth connectivity for easy transfer of files to a smartphone or computer. It also features live streaming capabilities, allowing you to broadcast directly to platforms. Connect the camera to your device via the Canon Camera Connect app for live preview and streaming functions.



Figure 4.4: Live preview and streaming via a connected smartphone.

The PowerShot V10 is also compatible with Canon's EOS Webcam Utility Pro Software, transforming it into a high-quality webcam for video calls and online content creation.

## 5. Maintenance

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### 5.1. Cleaning the Camera

Use a soft, lint-free cloth to clean the camera body. For the lens, use a lens cleaning brush or a specialized lens cloth and cleaning solution. Avoid using abrasive materials or strong chemical cleaners.

### 5.2. Battery Care

To prolong battery life, avoid exposing the camera to extreme temperatures. If storing the camera for an extended period, ensure the battery is partially charged (around 50%) and recharge it every six months.

### 5.3. Storage

Store the camera in a cool, dry place away from direct sunlight and excessive humidity. Use a protective case to prevent scratches and impacts when transporting the camera.

## 6. Troubleshooting

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### 6.1. Camera Not Turning On

- Ensure the battery is sufficiently charged. Connect the camera to a power source and allow it to charge for at least 30 minutes.
- Press and hold the power button firmly for a few seconds.

### 6.2. Video Quality Issues (Blurry, Grainy)

- Check if the lens is clean. Dust or smudges can affect image clarity.
- Ensure adequate lighting in your shooting environment. The camera performs best in well-lit conditions, though it has good low-light capabilities.
- Verify that the correct video resolution (4K or Full HD) is selected in the settings.
- Consider enabling or adjusting Image Stabilization settings if experiencing shakiness.

### 6.3. Connectivity Problems (Wi-Fi/Bluetooth)

- Ensure Wi-Fi/Bluetooth is enabled on both the camera and your smart device.
- Restart both the camera and your smart device.
- Make sure the Canon Camera Connect app is updated to the latest version.
- Try resetting the camera's network settings.

## 7. Specifications

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Feature	Specification
Model Name	PowerShot V10 Vlog Camera for Content Creators (Silver)
Product Dimensions	1.4 x 2.5 x 3.5 inches
Item Weight	15.7 ounces
Sensor Type	1-inch Back-illuminated CMOS
Maximum Webcam Image Resolution	15.2 MP
Lens	Fixed 19mm Wide-Angle (35mm equivalent)
Maximum Aperture	f/2.8
Video Resolution	4K (up to 30 fps), Full HD (up to 60 fps)
Image Stabilization	Off, On, Enhanced
Supported File Format	JPEG, RAW
Batteries	1 Lithium Ion battery (included)
Manufacturer	Canon USA

## 8. Warranty and Support

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This Canon PowerShot V10 camera is manufactured by Canon USA. For detailed warranty information, please refer to the warranty card included with your product or visit the official Canon website. Canon offers various support resources, including FAQs, driver downloads, and contact information for technical assistance.

Consider purchasing an extended protection plan for additional coverage beyond the standard manufacturer's warranty. For example, a 3-Year Protection Plan is available for this product.

**Official Canon Support:** [www.usa.canon.com/support](http://www.usa.canon.com/support)