

## Panasonic DMC-ZS100K

# Panasonic LUMIX ZS100 4K Digital Camera User Manual

Model: DMC-ZS100K

## 1. PRODUCT OVERVIEW

The Panasonic LUMIX DMC-ZS100K is a compact digital camera designed for high-quality photography and video recording. It features a 1-inch 20.1-megapixel MOS sensor and a 10X LEICA DC VARIO-ELMARIT lens with a 25-250mm equivalent focal length. The camera incorporates HYBRID O.I.S. (Optical Image Stabilizer) for stable imaging and supports 4K QFHD video recording. Advanced features like 4K PHOTO, Post Focus, and Focus Stacking enhance creative control. The camera is equipped with a lens-mounted control ring, a rear touch-enabled 3-inch LCD display, and a high-resolution eye-level viewfinder. Connectivity options include USB charging and Wi-Fi.

### Key Features

- Large 1-inch 20.1-megapixel MOS sensor for detailed images.
- 10X LEICA DC VARIO-ELMARIT lens (25-250mm equivalent) with F2.8-5.9 aperture.
- HYBRID O.I.S. (Optical Image Stabilizer) for reduced blur.
- 4K QFHD video recording (3840 x 2160) at 30p.
- 4K PHOTO mode for extracting still images from 4K video.
- Post Focus and Focus Stacking capabilities.
- High-resolution 1,166k-dot electronic viewfinder.
- 3-inch touch-enabled LCD display (1040K dots).
- Lens-mounted control ring for manual adjustments.
- USB charging and Wi-Fi connectivity (IEEE 802.11b/g/n).



Figure 1: Front view of the Panasonic LUMIX ZS100 4K Digital Camera.

## 2. INITIAL SETUP

### 2.1 Unpacking

Verify that all components are present in the packaging:

- Panasonic LUMIX ZS100 Camera Body
- Battery
- Battery Charger
- AC Adaptor
- Software (if included)

### 2.2 Battery and Memory Card Installation



Figure 2: Rear view of the camera, indicating general area for battery/SD card access.

1. **Charge the Battery:** Insert the supplied battery into the charger and connect the charger to a power outlet. The charging indicator will show the charging status. Ensure the battery is fully charged before first use.
2. **Insert the Battery:** Open the battery/card compartment cover on the bottom of the camera. Insert the charged battery with the contacts facing the correct direction, as indicated inside the compartment. Close the cover securely.
3. **Insert a Memory Card:** With the battery compartment open, insert an SD, SDHC, or SDXC memory card into the designated slot until it clicks into place. Ensure the card is inserted correctly to avoid damage. Close the cover securely.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Basic Photography



Figure 3: Camera with lens extended, ready for shooting.

1. **Power On:** Slide the ON/OFF switch located on the top of the camera to the 'ON' position. The lens will extend.
2. **Select a Shooting Mode:** Rotate the mode dial on the top of the camera to select your desired shooting mode (e.g., Intelligent Auto, Program AE, Aperture Priority, Shutter Priority, Manual).
3. **Compose Your Shot:** Use the LCD monitor or the electronic viewfinder to frame your subject.
4. **Focus:** Press the shutter button halfway down to autofocus. The camera will confirm focus with a beep and an indicator.
5. **Capture Image:** Press the shutter button fully down to take the picture.

### 3.2 Video Recording

The LUMIX ZS100 supports 4K video recording. To start recording:

1. **Select Video Mode:** Rotate the mode dial to the video camera icon, or simply press the dedicated video record button (usually marked with a red dot) to start recording instantly from any photo mode.
2. **Start/Stop Recording:** Press the video record button to start recording. Press it again to stop recording.

### 3.3 Special Features

- **4K PHOTO:** This feature allows you to extract high-resolution still images from 4K video footage. Access it via the mode dial or specific function buttons.

- **Post Focus:** Capture an image and then select the desired focus point after shooting. This is ideal for creative depth-of-field effects.
- **Focus Stacking:** Combine multiple images with different focus points to create a single image with extended depth of field.
- **Wi-Fi Connectivity:** Connect your camera to a smartphone or tablet using the Panasonic Image App to remotely control the camera, transfer photos, and share them instantly.

## 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera.

- **Cleaning the Lens:** Use a soft, lint-free cloth or a lens brush to gently remove dust and smudges. For stubborn marks, use a specialized lens cleaning solution applied to the cloth, not directly to the lens.
- **Cleaning the Camera Body:** Wipe the camera body with a soft, dry cloth. Avoid using strong cleaning agents or solvents.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for several weeks or months.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge it regularly, even if not in use, to maintain its capacity.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your LUMIX ZS100 camera.

Problem	Possible Cause / Solution
Camera does not power on.	Battery may be discharged. Ensure battery is fully charged and correctly inserted.
Cannot take pictures.	Memory card may be full or not inserted correctly. Check card status or replace. Ensure lens cap is removed.
Images are blurry.	Camera shake (use O.I.S. or tripod). Incorrect focus (ensure autofocus is engaged or focus manually). Lens may be dirty.
Flash does not fire.	Flash mode may be set to 'Off'. Check flash settings. Battery level may be low.
Wi-Fi connection fails.	Ensure Wi-Fi is enabled on both camera and smart device. Check network settings and password. Move closer to the access point.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Panasonic
Model Name	Panasonic Lumix ZS100

Feature	Detail
Model Number	DMC-ZS100K
Photo Sensor Resolution	20.1 MP
Photo Sensor Size	1-inch MOS
Optical Zoom	10x
Lens	LEICA DC VARIO-ELMARIT (25-250mm equivalent)
Maximum Aperture	F2.8 (Wide) - F5.9 (Tele)
Image Stabilization	HYBRID O.I.S. (Optical Image Stabilizer)
Video Resolution	4K UHD 2160p
Screen Size	3 Inches
Display Type	LCD, Touch Screen (Capacitive)
Viewfinder	Electronic
Connectivity	Wi-Fi, HDMI D (Micro), USB Micro-B (USB 2.0)
Battery Type	Lithium Ion
Item Weight	11.04 ounces
Color	Black

## 7. WARRANTY INFORMATION

The Panasonic LUMIX ZS100 (DMC-ZS100K) comes with the following warranty coverage:

- **Parts:** 1 year coverage
- **Labor:** 1 year coverage
- **Included Accessories:** 90 days coverage
- **Non-rechargeable Batteries:** 10 days coverage

Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Panasonic warranty documentation.

## 8. SUPPORT AND RESOURCES

For more in-depth information and assistance, please refer to the official documentation:

- [User Guide \(PDF\)](#)
- [User Manual \(PDF\)](#)

*Note: No official product videos with 'Seller' creator type were found in the provided data for embedding.*

