

Panasonic DC-FZ80DK

Panasonic Lumix FZ80D Digital Camera (DC-FZ80DK) Instruction Manual

Model: DC-FZ80DK

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Panasonic Lumix FZ80D Digital Camera. Please read these instructions carefully before using the camera and retain them for future reference. The Lumix FZ80D is a versatile bridge camera designed to capture high-quality images and videos across a wide range of photographic situations.



Figure 1: Front view of the Panasonic Lumix FZ80D Digital Camera. This image shows the camera's lens, flash, and grip.

2. GETTING STARTED

2.1. Battery and Charging

The camera uses a rechargeable Lithium-Ion battery. Ensure the battery is fully charged before initial use. The Lumix FZ80D supports USB Type-C charging for convenience.

1. Insert the battery into the battery compartment located at the bottom of the camera.
2. Connect the camera to a power source using the supplied USB Type-C cable. The charging indicator will illuminate.
3. Charging is complete when the indicator light turns off.



Figure 2: Side view of the camera, highlighting the USB and HDMI ports for connectivity and charging.

2.2. Memory Card Insertion

The camera requires an SD memory card (sold separately) to store photos and videos.

1. Open the memory card slot cover.
2. Insert the memory card with the label facing the correct direction until it clicks into place.
3. Close the memory card slot cover securely.

3. OPERATING THE CAMERA

3.1. Power On/Off

Press the power button to turn the camera on or off. The lens will extend upon powering on.

3.2. Basic Shooting Modes

Rotate the mode dial to select your desired shooting mode:

- **Intelligent Auto (iA):** The camera automatically detects the scene and applies optimal settings.
- **Program AE (P):** The camera sets the aperture and shutter speed for optimal exposure.
- **Aperture Priority AE (A):** You set the aperture, and the camera sets the shutter speed.
- **Shutter Priority AE (S):** You set the shutter speed, and the camera sets the aperture.
- **Manual Exposure (M):** You control both aperture and shutter speed.
- **Scene Modes:** Pre-set modes for specific situations (e.g., Portrait, Landscape, Sports).

3.3. Zoom Function

The Lumix FZ80D features a 60x optical zoom lens (20-1200mm full-frame equivalent). Use the zoom lever around the shutter button to adjust the focal length. Move the lever towards 'W' for wide-angle and 'T' for telephoto.

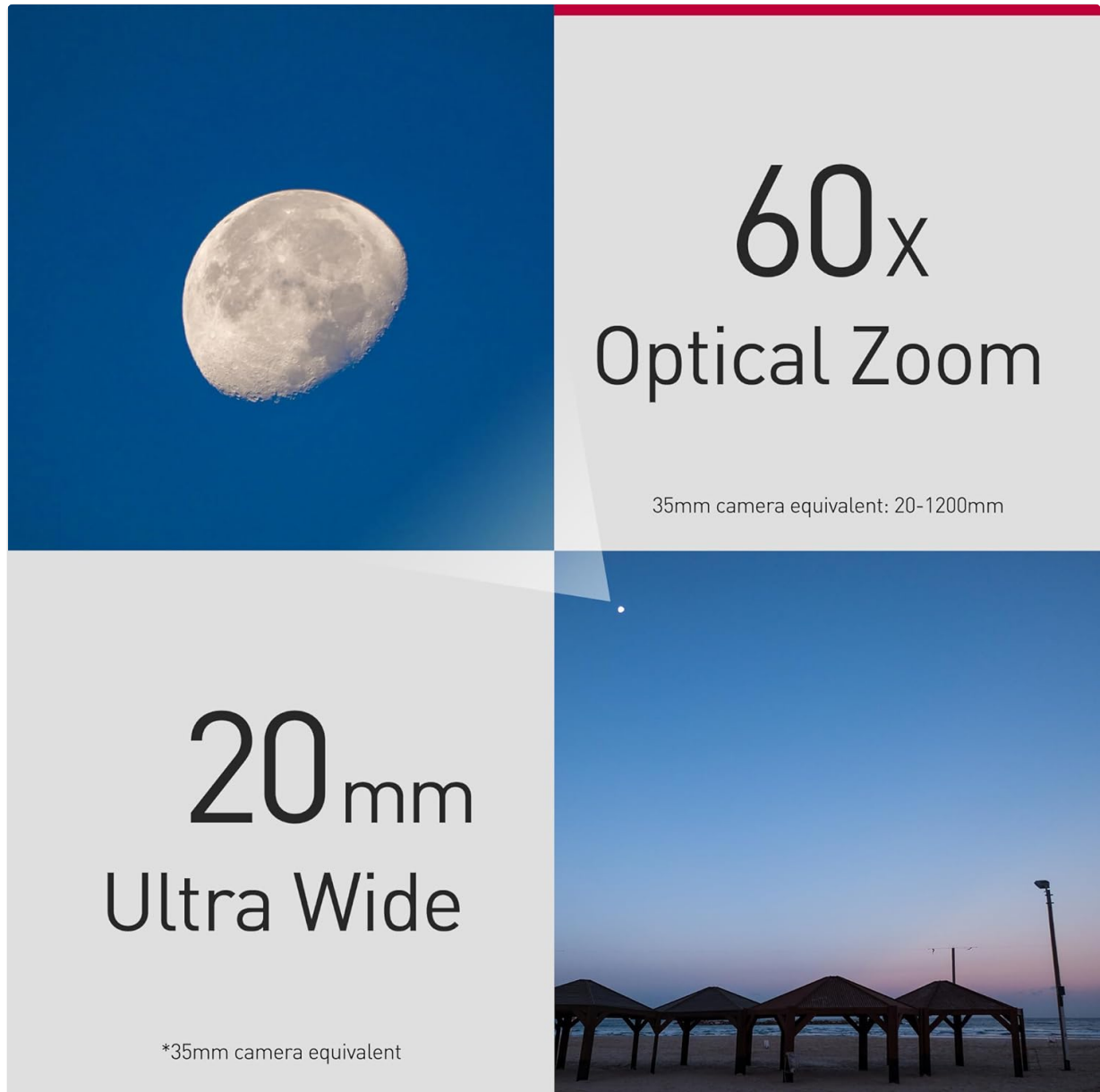


Figure 3: Visual representation of the camera's 60x optical zoom and 20mm ultra-wide angle capabilities.

3.4. Focusing

The camera uses contrast detection autofocus. You can select various AF modes (e.g., 1-Area, Multi-Area, Tracking AF) via the menu. The 2.36m-dot OLED Live View Finder (LVF) and 3.0" 1.84m-dot TFT LCD monitor assist in precise focusing.

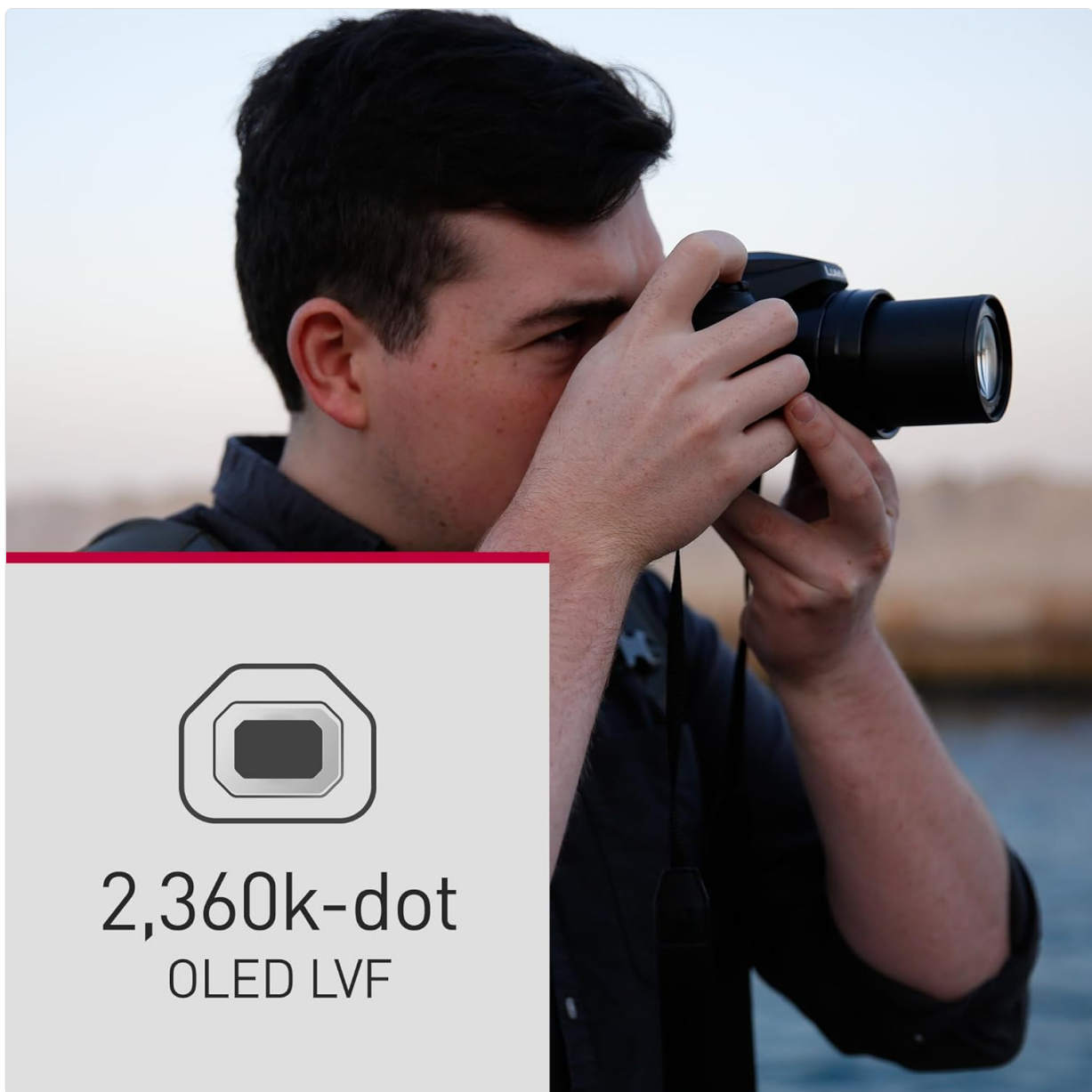


Figure 4: A user looking through the 2,360k-dot OLED Live View Finder for composing a shot.

4. ADVANCED FEATURES

4.1. 4K Photo and 4K Video

The Lumix FZ80D supports 4K video recording at 30 frames per second. The 4K Photo feature allows you to extract 8MP still images from your 4K video footage, ensuring you never miss a moment.



Figure 5: Demonstrates the ability to capture 4K video and extract high-resolution 4K Photo stills from the footage.

4.2. Post Focus

Post Focus allows you to select the focal point of your photo after it has been taken. The camera captures a burst of images with different focus points, giving you the flexibility to choose the sharpest area later.

4.3. Macro Shooting

Capture intricate details with the camera's 1cm macro shooting capability, allowing for close-up photography of small subjects.



Figure 6: An example of 1cm macro shooting, showcasing the camera's ability to capture fine details.

5. MAINTENANCE

5.1. Cleaning the Camera and Lens

Regular cleaning helps maintain the camera's performance and image quality. Use appropriate cleaning tools to avoid damage.

- Use a soft brush or air blower (like the Pixel Hurricane Blower) to remove dust from the lens and camera body.
- For smudges or fingerprints on the lens, use a lens cleaning solution and a microfiber cloth or lens cleaning tissue.
- Avoid using harsh chemicals or abrasive materials.

5.2. 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.

Video 1: This video provides an overview of the Panasonic Lumix FZ80D camera and its bundled accessories, including demonstrations of the Pixel Blower and various components of the Pixel Cleaning Kit for proper camera maintenance.

6. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common solutions:

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Images are blurry:** Check focus settings, ensure sufficient lighting, and consider using POWER O.I.S. image stabilization.
- **Memory card error:** Reinsert the memory card, try a different card, or format the card (note: formatting will erase all data).
- **Flash not firing:** Check flash mode settings.

For more complex issues, consult the full user manual or contact Panasonic customer support.

7. SPECIFICATIONS

Feature	Specification
Model Name	DC-FZ80DK
Photo Sensor Resolution	18.1 MP
Optical Zoom	60x
Maximum Focal Length	1200 Millimeters (Full-Frame Equivalent)
Minimum Focal Length	20 Millimeters (Full-Frame Equivalent)
Aperture Range	f/2.8-5.9 to f/8
Image Stabilization	POWER O.I.S. (Optical Image Stabilization)
Video Resolution	3840p (4K)
Screen Size	3 Inches TFT LCD Monitor
Viewfinder	2.36m-Dot OLED Live View Finder
Connectivity Technology	USB
Battery Type	Lithium Ion

8. WARRANTY AND SUPPORT

Your Panasonic Lumix FZ80D Digital Camera is covered by Panasonic's warranty. Please note that your Panasonic warranty is only valid when purchased from a Panasonic Authorized Dealer. For warranty claims, technical support, or service inquiries, please contact your authorized dealer or visit the official Panasonic support website.



Figure 7: This image, extracted from the product video, displays the 'Panasonic Authorized Dealer' logo and states that the warranty is valid only when purchased from an authorized dealer.

