**Nikon 1749**

# Nikon Z 30 Mirrorless Camera Instruction Manual

Model: 1749 | Brand: Nikon

## Introduction

The Nikon Z 30 is a compact and lightweight mirrorless camera designed for content creators, vloggers, and streamers. It offers advanced video capabilities, including 4K resolution, and features a versatile 16-50mm wide-angle zoom lens. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Nikon Z 30 camera.

## What's Included

Your Nikon Z 30 camera kit includes the following components:

- Nikon Z30 Camera Body
- NIKKOR Z DX 16-50mm f/3.5-6.3 VR Lens
- EN-EL25 Rechargeable Battery
- AN-DC25 Camera Strap
- LC-46B 46mm Snap-On Front Lens Cap
- LF-N1 Rear Lens Cap
- UC-E24 USB Cable
- Nikon Official 1 Year Warranty (documentation)




Figure 1: All components included in the Nikon Z 30 camera kit.

## Setup

### 1. Installing the Battery and Memory Card

Open the battery/card slot cover located on the bottom of the camera. Insert the EN-EL25 rechargeable battery with the correct orientation until it clicks into place. Insert a compatible SDHC memory card into the designated slot until it locks. Close the cover securely.




Figure 2: Battery and memory card installation.

## 2. Attaching the Lens

Align the mounting mark on the NIKKOR Z DX 16-50mm f/3.5-6.3 VR lens with the mounting mark on the camera body. Rotate the lens clockwise until it clicks into place. Remove the front lens cap before use.




Figure 3: Attaching the NIKKOR Z DX 16-50mm lens to the camera body.

## 3. Initial Power On and Basic Settings

Turn the camera on using the ON/OFF switch located near the shutter button. Follow the on-screen prompts to set the date, time, and language. Ensure the lens is extended from its retracted position by rotating the zoom ring.




Figure 4: Top controls of the Nikon Z 30.

## 4. Connecting to a Smartphone (SnapBridge App)

Download the Nikon SnapBridge app to your compatible smartphone (Android or iPhone). Use the app to pair your camera via Bluetooth and Wi-Fi for easy photo transfer, remote control, and firmware updates.




Figure 5: Connecting the Nikon Z 30 to a smartphone via SnapBridge.

## Operating the Camera

### 1. Using the Vari-angle Touchscreen

The Nikon Z 30 features a vari-angle touchscreen LCD monitor that can be flipped out and rotated for various shooting angles, including self-portraits and vlogging. The touchscreen allows for intuitive control of settings and focus points.




Figure 6: Vari-angle touchscreen in use.

## 2. Shooting Modes

Select your desired shooting mode using the mode dial on the top of the camera. Options include Programmed auto (P), Shutter-priority auto (S), Aperture-priority auto (A), Manual (M), and Auto mode. The Auto mode automatically selects the best settings for the scene.




Figure 7: Auto mode and autofocus in action.

## 3. Autofocus Features

The Z 30 features fast and reliable autofocus with several AF Modes. It includes eye-detection autofocus, which can automatically track the eyes and faces of humans, cats, or dogs, ensuring sharp focus on your subjects.

## 4. Video Recording

Record crisp, clear video in 4K/30p or Full HD 60p. The camera supports 5x slow motion and in-camera time-lapse. It also features a built-in stereo microphone with adjustable sensitivity and support for external microphones for enhanced audio quality. A red REC light indicates when recording is active.




Figure 8: Key video recording features.

The camera offers up to 125 minutes of continuous recording time. For live streaming, the Z 30 supports plug-and-play webcam operation, smooth Full HD 60p streaming over USB-C, and 4K 30p streaming over HDMI, with constant power delivery via USB-C.

## 5. Creative Picture Controls

Unleash your creativity with 20 built-in Creative Picture Controls. These allow you to apply various artistic effects directly to your photos and videos. You can also download additional picture controls from Nikon Imaging Cloud.




Figure 9: Examples of Creative Picture Controls.

## Maintenance

### 1. Cleaning the Camera and Lens

- Use a soft, lint-free cloth to gently wipe the camera body.
- For the lens, use a lens brush to remove dust, followed by a lens cleaning solution and a microfiber cloth. Avoid touching the lens surface with your fingers.
- Keep the lens caps on when not in use to protect the lens elements.

### 2. Battery Care

- Charge the EN-EL25 battery using the supplied UC-E24 USB cable connected to a USB power adapter or computer.
- Store batteries in a cool, dry place when not in use.
- Avoid fully discharging the battery frequently to prolong its lifespan.

### 3. Firmware Updates

Periodically check the Nikon website or the SnapBridge app for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and access to new features.

## Troubleshooting

| Problem | Possible Cause / Solution |
|---|---|
| Camera does not power on. | Ensure the battery is fully charged and correctly inserted. Check if the battery contacts are clean. |
| Images are blurry. | Check focus settings (autofocus or manual focus). Ensure sufficient lighting. Verify that the lens is clean and properly attached. Consider using a higher shutter speed or image stabilization. |
| Video recording stops unexpectedly. | This can occur if the camera overheats, especially during prolonged 4K recording. Allow the camera to cool down. Use a high-speed memory card. |
| Cannot connect to smartphone via SnapBridge. | Ensure Bluetooth and Wi-Fi are enabled on both the camera and smartphone. Restart both devices. Check app permissions on your smartphone. |
| No audio in recorded videos. | Check microphone settings and ensure the built-in microphone is not muted. If using an external microphone, verify its connection and functionality. |

## Specifications

| Feature | Detail |
|---|---|
| Model Name | Nikon Z 30 Camera Kit with 16-50mm Lens |
| Model Number | 1749 |
| Sensor Type | CMOS (APS-C) |
| Effective Still Resolution | 20.9 MP |
| Video Resolution | Up to 4K (3840 x 2160) at 30p, 1080p at 60p |
| Compatible Mountings | Nikon Z |
| Included Lens | NIKKOR Z DX 16-50mm f/3.5-6.3 VR Lens |
| Image Stabilization | Optical (via VR lens) |
| Screen Size | 3 Inches |
| Display Type | LCD (Vari-angle, Touch Screen) |
| ISO Range | 100 - 204800 (Expanded) |
| Autofocus Points | 209 |
| Connectivity | Bluetooth, HDMI, USB, Wi-Fi (SnapBridge) |

| Feature | Detail |
|---|---|
| Item Weight | 12.32 ounces (body only) |
| Battery Type | Lithium Ion (EN-EL25) |
| Memory Card Slot | 1 x SDHC (UHS-I compatible) |

## Warranty and Support

### Warranty Information

The Nikon Z 30 camera comes with a limited one-year warranty from Nikon Inc. This warranty covers defects in materials and workmanship under normal use. Please refer to the warranty documentation included in your product packaging for full terms and conditions.

### Customer Support

For technical assistance, product inquiries, or warranty claims, please contact Nikon customer support through their official website or the contact information provided in your warranty documentation. Ensure you have your product model number (1749) and serial number ready when contacting support.
No official seller videos are available for embedding in this manual.

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