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**Nikon 25492**

# Nikon D3200 Digital SLR Instruction Manual

Model: D3200 (25492)

## 1. INTRODUCTION

The Nikon D3200 is a powerful yet easy-to-use 24.2 MP DX-format CMOS Digital SLR camera, designed to deliver stunning photos and Full HD (1080p) videos. Featuring EXPEED 3 image-processing for fast operation and creative in-camera effects, along with in-camera tutorials, it's an excellent choice for both beginners and advanced users. This manual provides essential information to help you get started and make the most of your camera.

## 2. KEY FEATURES

- **24.2 MP CMOS DX-format sensor:** Delivers high-resolution images with excellent detail.
- **4 frames per second continuous shooting:** Capture fast-moving action with ease.
- **11 AF points (with 3D tracking):** Ensures sharp focus on your subjects.
- **ISO 100-6400 (plus ISO 12,800-equivalent Hi1 setting):** Excellent low-light performance.
- **Full HD 1080p video:** Record high-quality movies.
- **3.0 inch LCD with 920,000 dots:** Clear and vibrant display for reviewing images.
- **Expeed 3 processing:** Fast image processing for quick operation.
- **Microphone input:** For enhanced audio recording during video.
- **Twin IR remote receivers:** Convenient remote control options.
- **Beginner-friendly Guide mode:** Provides on-screen assistance for various shooting scenarios.

## 3. WHAT'S IN THE BOX

Your Nikon D3200 kit includes the following items:

- D3200 DX-format Digital SLR Camera Body (Black)
- 18-55mm DX Vibration Reduction Zoom Lens
- EN-EL14 Rechargeable Li-ion Battery
- MH-24 Quick Charger

- UC-E17 USB Cable
- EG-CP14 Audio Video Cable
- DK-20 Rubber Eyecup
- AN-DC3 Camera Strap
- DK-5 Eyepiece Cap
- BF-1B Body Cap
- BS-1 Accessory Shoe Cover
- NikonView NX CD-ROM
- LC-52 Front Lens Cap
- Rear Lens Protector

## 4. SETUP

1. **Charge the Battery:** Insert the EN-EL14 battery into the MH-24 Quick Charger and plug it into a power outlet. The charge lamp will blink while charging and turn off when complete.
2. **Insert Battery and Memory Card:** Open the battery chamber cover on the bottom of the camera. Insert the charged EN-EL14 battery. Insert an SD/SDHC/SDXC memory card into the card slot until it clicks.
3. **Attach the Lens:** Align the mounting mark on the lens with the mounting mark on the camera body. Rotate the lens counter-clockwise until it clicks into place.
4. **Attach the Camera Strap:** Thread the camera strap through the strap eyelets on the camera body.
5. **Initial Setup:** Turn the camera on using the power switch. Follow the on-screen prompts to set the language, date, and time.

## 5. OPERATING YOUR NIKON D3200

The Nikon D3200 offers various modes to suit your shooting needs. The mode dial on top of the camera allows you to select different shooting modes.

### Shooting Modes

- **Auto Mode:** For simple point-and-shoot operation. The camera automatically optimizes settings for the scene.
- **Guide Mode:** Provides step-by-step instructions for various shooting situations, helping beginners achieve desired results.
- **Scene Modes:** Select from various scene modes (e.g., Portrait, Landscape, Child, Sports, Close up, Night portrait) for optimized settings for specific subjects.
- **Programmed Auto (P):** Camera sets shutter speed and aperture for optimal exposure.
- **Shutter-Priority Auto (S):** You control shutter speed, camera sets aperture. Ideal for controlling motion blur.
- **Aperture-Priority Auto (A):** You control aperture, camera sets shutter speed. Ideal for controlling depth of field.
- **Manual (M):** You control both shutter speed and aperture for full creative control.

### Focusing

The D3200 features an 11-point autofocus system. You can select different AF-area modes (Single-point AF, Dynamic-area AF, Auto-area AF, 3D-tracking) depending on your subject and shooting conditions.

### Video Recording

To record Full HD 1080p video, rotate the live view selector to the movie position and press the movie-record button.

The camera supports H.264/MPEG-4 video format.

## Flash Usage

The built-in flash can be used in various modes including Auto, Auto/Red-Eye Reduction, Off, Second-Curtain Sync, Slow Sync, and Slow Sync/Red-Eye Reduction. The flash sync speed is 1/200 sec.

## 6. MEDIA INTEGRATION

### Product Overview



*Front view of the Nikon D3200 Digital SLR camera with the included 18-55mm NIKKOR zoom lens attached.*

### Wireless Mobile Adapter Functionality

*This video demonstrates the functionality of the optional WU-1a Wireless Mobile Adapter for the Nikon D3200, showing how to wirelessly transfer images to a smartphone or tablet and remotely control the camera.*

*A sample video captured with the Nikon D3200, showcasing its video capabilities.*

*Another sample video captured with the Nikon D3200, demonstrating its video quality in a different setting.*

## 7. MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth or a lens brush to gently remove dust. For smudges, use a 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 harsh chemicals.

- **Battery Care:** Store batteries in a cool, dry place. Avoid extreme temperatures. Charge the battery fully before extended use.
- **Storage:** When not in use for extended periods, remove the battery and store the camera in a dry, well-ventilated area, preferably with a desiccant to prevent mold.

## 8. TROUBLESHOOTING

- **Camera Not Turning On:** Ensure the battery is fully charged and correctly inserted. Check if the battery contacts are clean.
- **Images Are Blurry:** Check your focus mode and ensure the lens is clean. In low light, increase ISO or use the flash. Ensure VR (Vibration Reduction) is enabled on the lens if available.
- **Memory Card Error:** Ensure the memory card is inserted correctly. Try reformatting the card (this will erase all data). If the issue persists, try a different memory card.
- **Flash Not Firing:** Check the flash mode settings. Ensure the flash is popped up if set to auto or fill-flash.
- **No Image on LCD:** Check if the display mode is set correctly. Ensure the camera is not in viewfinder-only mode.

## 9. SPECIFICATIONS

Feature	Description
Sensor Type	CMOS DX-format
Effective Pixels	24.2 MP
ISO Sensitivity	100-6400 (expandable to 12800)
Video Resolution	Full HD 1080p
LCD Screen Size	3.0 inches (921,000 dots)
Autofocus Points	11
Continuous Shooting Speed	4 fps
Storage Media	SD/SDHC/SDXC UHS-I compliant
Weight	1.1 Pounds (approx.)

## 10. WARRANTY AND SUPPORT

### Warranty Information

The Nikon D3200 comes with a **1-year Nikon U.S.A. Warranty**. For detailed terms and conditions, please refer to the warranty card included in your product packaging.

### Protection Plans

Optional protection plans are available for extended coverage:

- 3-Year Protection Plan
- 2-Year Protection Plan

For pricing and full details on these plans, please check the product page or contact your retailer.

## Additional Resources

For a complete and detailed user manual, please download the official PDF document:

**[Download User Manual \(PDF\)](#)**