

Nikon D3200

Nikon D3200 Digital SLR Camera User Manual

Model: D3200

1. INTRODUCTION

This manual provides essential information and instructions for the safe and effective use of your Nikon D3200 Digital SLR camera. Please read this manual thoroughly before using the camera and keep it accessible for future reference.

The Nikon D3200 is a 24.2 MP DX-format CMOS Digital SLR camera designed for high-quality still photography and Full HD 1080p video recording. It features EXPEED III Image Processing and a wide ISO sensitivity range, making it suitable for various lighting conditions.

2. INITIAL SETUP

2.1 Unpacking and Checking Contents

Before proceeding, ensure all components are present:

- Nikon D3200 Camera Body
- AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR Lens
- Rechargeable Li-ion Battery
- Battery Charger (MH-24)
- Camera Strap
- Body Cap
- Eyepiece Cap
- USB Cable
- Audio/Video Cable
- ViewNX 2 CD-ROM

2.2 Attaching the Lens

1. Remove the body cap from the camera body and the rear lens cap from the lens.

2. Align the mounting mark on the lens with the mounting mark on the camera body.
3. Rotate the lens counter-clockwise until it clicks into place.



Figure 1: Nikon D3200 with 18-55mm lens attached.

2.3 Inserting the Battery and Memory Card

1. Open the battery chamber cover on the bottom of the camera.
2. Insert the battery with the correct orientation until it locks into place.
3. Open the memory card slot cover on the side of the camera.
4. Insert an SD, SDHC, or SDXC memory card into the slot until it clicks.
5. Close both covers securely.



Figure 2: Rear view of the camera, showing the LCD and controls.

3. OPERATING THE CAMERA

3.1 Power On/Off

To power on the camera, rotate the power switch around the shutter-release button to the 'ON' position. To power off, rotate it to 'OFF'.

3.2 Shooting Modes

The mode dial on the top of the camera allows selection of various shooting modes:

- **AUTO:** Fully automatic mode for point-and-shoot simplicity.
- **GUIDE:** Provides on-screen assistance for various shooting situations and settings.
- **P (Programmed auto):** Camera sets shutter speed and aperture for optimal exposure.
- **S (Shutter-priority auto):** User sets shutter speed, camera sets aperture.
- **A (Aperture-priority auto):** User sets aperture, camera sets shutter speed.
- **M (Manual):** User controls both shutter speed and aperture.
- **SCENE:** Select from various scene modes (e.g., Portrait, Landscape, Night Portrait).
- **EFFECTS:** Apply special effects to photos.



Figure 3: Guide Mode interface for assisted shooting.

3.3 Focusing

The D3200 features an 11-point autofocus system. Focus modes include:

- **AF-A (Auto-servo AF):** Camera automatically selects single-servo or continuous-servo AF.
- **AF-S (Single-servo AF):** For stationary subjects. Focus locks when shutter-release button is pressed halfway.
- **AF-C (Continuous-servo AF):** For moving subjects. Camera continuously focuses while shutter-release button is pressed halfway.
- **MF (Manual Focus):** User manually adjusts focus using the lens focus ring.

3.4 Flash Operation

The camera has a built-in flash. To raise the flash, press the flash button on the side of the camera. Flash modes include Auto, Fill Flash, Red-Eye Reduction, Slow Sync, Rear Curtain Sync, and Manual.



Figure 4: Camera with built-in flash activated.

3.5 Video Recording

The D3200 supports One-touch Full HD 1080p movie recording. To start recording, rotate the live view switch and then press the movie-record button. An external microphone socket is available for enhanced audio quality.

4. MAINTENANCE

4.1 Cleaning the Camera

- Use a blower to remove dust from the lens and camera body.
- For stubborn dirt, use a soft, clean cloth lightly dampened with lens cleaner.
- Avoid touching the image sensor directly. If cleaning is required, consult a professional service center.

4.2 Battery Care

- Charge the battery using the supplied MH-24 charger.
- Store batteries in a cool, dry place when not in use.

- Do not expose batteries to extreme temperatures.

5. TROUBLESHOOTING

If you encounter issues with your Nikon D3200, refer to the following common solutions:

Problem	Possible Cause	Solution
Camera does not turn on	Battery depleted or incorrectly inserted	Charge battery fully; reinsert correctly.
Cannot take pictures	Memory card full or not inserted	Insert or replace memory card; delete unwanted images.
Images are blurry	Incorrect focus or camera shake	Ensure proper focus; use a faster shutter speed or tripod.
Flash does not fire	Flash mode set to off or insufficient light	Check flash mode settings; ensure flash is raised.

For more complex issues, please contact Nikon customer support or a certified service center.

6. SPECIFICATIONS

Feature	Specification
Model Name	Nikon D3200
Sensor Type	24.2 MP DX-format CMOS
Image Processor	EXPEED III
Lens Mount	Nikon F Mount
Compatible Lenses	AF-S and AF-I NIKKOR lenses
Autofocus System	11-point AF system with 3D tracking
ISO Sensitivity	ISO 100-6400 (expandable to 12800)
Shutter Speed	1/4000 to 30 seconds, Bulb
Continuous Shooting Speed	Up to 4 frames per second (fps)
Video Recording	Full HD 1080p (1920 x 1080) at 30, 25, 24 fps
Storage Media	SD, SDHC, SDXC memory cards
LCD Monitor	3-inch, 921k-dot TFT LCD
Connectivity	USB 2.0, HDMI Type C Mini, Wi-Fi (with optional WU-1a adapter)
Weight	Approx. 455 g (1 lb 0.1 oz) camera body only
Dimensions (W x H x D)	Approx. 125 x 96 x 77 mm (4.9 x 3.8 x 3.0 in.)

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This Nikon D3200 camera is an import model. Import model products are materially identical to their USA model counterparts but typically do not qualify for manufacturer rebate or warranty programs in certain regions. Please refer to your point of purchase for specific warranty details and return policies. A 30-day refund/replacement policy may apply.

7.2 Customer Support

For technical assistance, service, or inquiries regarding your Nikon D3200, please contact the retailer from whom you purchased the product. You may also find additional resources and support on the official Nikon website for your region.