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› Nikon AF-S DX NIKKOR 35mm f/1.8G Lens User Manual

Nikon 2183

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Model: 2183

INTRODUCTION

The Nikon AF-S DX NIKKOR 35mm f/1.8G Lens is designed for Nikon DX-format D-SLRs, offering a picture angle approximating the classic normal angle of view of a 50mm lens on a Nikon FX-format digital SLR or 35mm film camera. Its compact and lightweight design makes it ideal for various photography styles, including low-light conditions, travel, environmental portraits, and general photography. This lens features an aspherical element to minimize aberrations and Nikon's Super Integrated Coating (SIC) for enhanced light transmission and reduced flare. The Silent Wave Motor (SWM) ensures fast, accurate, and quiet autofocus operation. It also includes a rounded 7-blade diaphragm for natural-looking out-of-focus elements and can focus down to 0.3 meters (0.98 ft).

WHAT'S IN THE BOX

- AF-S DX NIKKOR 35mm f/1.8G Fixed Zoom Lens for Nikon DSLR Cameras
- HB-46 Bayonet Lens Hood
- LC-52 Snap-on Front Lens Cap
- LF-4 Rear Lens Cap
- CL-0913 Soft Case

KEY FEATURES

- **Fast, f/1.8 prime lens:** Perfect for low-light conditions, travel, environmental portrait and general photography.
- **Engineered for Nikon DX-format D-SLRs:** Renders a picture angle approximating the classic normal angle of view of a 50mm lens on a Nikon FX-format digital SLR or 35mm film camera.
- **Aspherical lens element:** Minimizes coma and other types of lens aberrations, further improving image integrity.
- **Nikon Super Integrated Coating (SIC):** Enhances light transmission efficiency and offers color consistency and reduced flare.
- **Exclusive Nikon Silent Wave Motor (SWM):** Enables fast, accurate and quiet autofocus.
- **Close focusing:** Focuses down to 1 foot for creative perspectives and versatility.
- **Rounded 7-blade diaphragm:** Makes out-of-focus elements appear more natural.

- **Filter attachment:** Accepts 52mm filter attachments.
- **Dual SD Card Slots:** (Camera feature) Allows for backup or extended storage.
- **Live View Functionality:** (Camera feature) Enables real-time preview of settings adjustments on the camera's LCD.

SETUP

Attaching the Lens

1. Ensure the camera is turned off.
2. Remove the body cap from the camera and the rear lens cap from the lens.
3. Align the mounting mark on the lens with the mounting mark on the camera body.
4. Rotate the lens counter-clockwise until it clicks into place. Do not force the lens.
5. Attach the front lens cap and lens hood when not in use to protect the lens.



Image: Front view of the Nikon AF-S DX NIKKOR 35mm f/1.8G Lens, showing the front element and focus ring.

Inserting SD Cards (Camera Feature)

1. Locate the SD card slot cover on the side of the camera body.
2. Open the cover and insert the SD cards into the dual slots, ensuring they are oriented correctly. The camera supports two SD cards, allowing for backup or extended storage.
3. Close the SD card slot cover securely.



Image: Rear view of the Nikon AF-S DX NIKKOR 35mm f/1.8G Lens, showing the lens mount and electrical contacts.

OPERATING THE LENS

Autofocus and Manual Focus

The AF-S DX NIKKOR 35mm f/1.8G lens features two focus modes: M/A (manual override autofocus) and M (manual focus). The M/A mode allows for instant manual switching during AF operation without needing to change settings on the camera body. To switch between modes, use the A/M switch on the lens barrel.

Using Live View (Camera Feature)

The camera's Live View function allows you to compose shots and adjust settings while viewing the scene on the LCD monitor. This is particularly useful for precise focusing and exposure control. You can change settings such as aperture (f-stop) and exposure compensation directly while in Live View, observing the changes in real-time on the screen.

Adjusting Settings (Camera Feature)

The camera body provides various controls for adjusting exposure settings. The top display panel shows current settings, allowing for quick adjustments. Use the command dials to change aperture, shutter speed, and ISO. The exposure compensation button can be used to make the image brighter or darker as needed.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical surfaces. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
- **Dust and Moisture:** Keep the lens caps on when not in use. The lens features a rubber seal to minimize moisture ingress around the mount, but it is not fully waterproof. Avoid exposing the lens to excessive dust or moisture.
- **Storage:** Store the lens in a cool, dry place away from direct sunlight and extreme temperatures. Use the provided soft lens case for protection during transport.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lens not focusing	Autofocus switch set to M (Manual); Lens not properly attached; Insufficient light.	Set switch to A/M; Re-attach lens securely; Use adequate lighting or flash.
Images are blurry	Incorrect focus; Shutter speed too slow; Lens dirty.	Check focus mode and re-focus; Increase shutter speed; Clean lens elements.
Lens not recognized by camera	Poor connection; Dirty contacts.	Ensure lens is securely mounted; Clean electrical contacts on both lens and camera.

SPECIFICATIONS

Attribute	Value
Product Dimensions	2.09 x 2.76 x 2.76 inches
Item Weight	7.1 ounces
ASIN	B001S2PPT0
Item model number	2183
Batteries	1 Lithium Ion batteries required.
Date First Available	February 9, 2009
Manufacturer	Nikon
Brand	Nikon
Focal Length Description	35 millimeter aspherical.
Lens Type	Standard

Attribute	Value
Compatible Mountings	Nikon F (DX)
Camera Lens Description	35 month

WARRANTY AND SUPPORT

This product comes with a 5-Year Warranty (1-Year International + 4-Year USA Extension). For detailed warranty information and support, please refer to the official Nikon website or the included warranty card.

A PDF version of the User Manual is available for download:[User Manual \(PDF\)](#).

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