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› [Nikon](#) /

› Nikon D300 DX 12.3MP Digital SLR Camera Instruction Manual

Nikon 25432

Nikon D300 DX 12.3MP Digital SLR Camera

Model: 25432 | Brand: Nikon

PRODUCT OVERVIEW

Engineered with pro-level features and performance, the 12.3-effective-megapixel D300 combines brand new technologies with advanced features inherited from Nikon's newly announced D3 professional digital SLR camera to offer serious photographers remarkable performance combined with agility.

Key Features

- Self-cleaning sensor unit; magnesium alloy construction with rubber gaskets and seals.
- EXPEED Image Processing System and similar Scene Recognition System to that found in the D3.
- 3.0-inch LiveView LCD display; new 51-point AF system.
- 12.3-megapixel captures enough detail for poster-size photo-quality prints.
- In burst mode, shoots up to 100 shots at full 12.3-megapixel resolution.

SETUP AND INITIAL USE

What's in the Box

- Nikon D300 digital SLR body
- EN-EL3e rechargeable li-ion battery
- MH-18a quick charger
- UC-E4 USB cable
- EG-D100 video cable
- AN-D300 strap
- BM-8 LCD monitor cover
- Body cap
- DK-5 eyepiece cap
- DK-23 rubber eyecup
- Software Suite CD-ROM

Battery and Memory Card Installation

The D300 uses an EN-EL3e rechargeable li-ion battery. Ensure it is fully charged using the MH-18a quick charger before first use.

The camera supports CompactFlash® (CF) cards. Insert the memory card into the designated slot until it clicks into place.



Image: Front view of the Nikon D300 camera body with a lens attached and cap on.

OPERATING YOUR NIKON D300

Powering On and Basic Controls

The D300 reacts with lightning speed, powering up in a mere 0.13 seconds.



Image: Front view of the Nikon D300 camera body without a lens cap, showing the lens mount.



Image: Rear view of the Nikon D300, showing the LCD screen and control buttons.



Image: Top view of the Nikon D300, showing the top LCD panel and various dials.

Autofocus System

The D300 features a new 51-point autofocus system with Nikon's 3D Focus Tracking feature. This system utilizes 15 cross-type sensors and 36 horizontal sensors for precise focusing.

The Scene Recognition System enhances autofocus accuracy by recognizing the subject or scene.

LiveView Shooting

The 3.0-inch, 920,000-dot high-resolution LCD monitor supports two LiveView shooting modes:

- **Tripod mode:** Designed for precise focus and accuracy when the camera is on a stable platform and the subject is not moving. Focuses using focal-plane contrast.
- **Handheld mode:** Allows use of the camera's conventional TTL focusing system with all 51-points. Focuses immediately when the shutter button is pressed.

Shooting Modes and Settings

The Picture Control System offers four basic setting options: Standard, Neutral, Vivid, and Monochrome. These can be customized for sharpening, tone compensation, brightness, and saturation.

Active D-Lighting provides real-time highlight and shadow correction with optimized image contrast.

The camera supports RAW and JPEG file formats. In burst mode, it can shoot up to 100 shots at full 12.3-megapixel resolution.

MAINTENANCE

Self-Cleaning Sensor

The D300 employs a new self-cleaning sensor unit. Four different resonance frequencies vibrate the optical low-pass filter in front of the image sensor to shake particles free and reduce the appearance of dust.

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Nikon
Model Name	Nikon D300
Photo Sensor Resolution	12.3 MP
Photo Sensor Size	APS-C
Compatible Mountings	Nikon F (FX), Nikon F (DX)
Supported File Format	RAW, JPEG
Screen Size	3 Inches
Display Type	LCD display
Autofocus Points	51
Maximum Shutter Speed	1/8000 seconds
Minimum Shutter Speed	30 seconds
Flash Memory Type	Compact Flash
Item Weight	2.04 Pounds
Connectivity Technology	USB, HDMI

WARRANTY AND SUPPORT

Product Warranty

The Nikon D300 comes with a 1-year warranty from the manufacturer.

Legal Disclaimer

BODY SERIAL #3058152 FULL 14 DAY NO HASSLE SATISFACTION GUARANTEE AND A 90 DAY PARTS AND LABOR WARRANTY.

Additional Resources

For further assistance or detailed information, please visit the [Nikon Store on Amazon](#).

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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