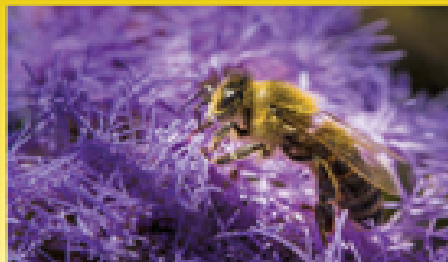


J. Dennis Thomas

# Nikon® **D5300™** Digital Field Guide



**WILEY**

Nikon®  
**D5300™**  
Digital Field Guide

J. Dennis Thomas

WILEY

## **Nikon® D5300™ Digital Field Guide**

Published by

**John Wiley & Sons, Inc.**

10475 Crosspoint Boulevard

Indianapolis, IN 46256

[www.wiley.com](http://www.wiley.com)

Copyright © 2014 by **John Wiley & Sons, Inc.**,

Indianapolis, Indiana

Published simultaneously in Canada

ISBN: 978-1-118-86726-6

Manufactured in the United States of America

10 9 8 7 6 5 4 3 2 1

No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as permitted under Sections 107 or 108 of the 1976 United States Copyright Act, without either the prior written permission of the Publisher, or authorization through payment of the appropriate per-copy fee to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, (978) 750-8400, fax (978) 646-8600. Requests to the Publisher for permission should be addressed to the Permissions Department, John Wiley & Sons, Inc., 111 River Street, Hoboken, NJ 07030, 201-748-6011, fax 201-748-6008, or online at <http://www.wiley.com/go/permissions>.

**LIMIT OF LIABILITY/DISCLAIMER OF WARRANTY:**  
**THE PUBLISHER AND THE AUTHOR MAKE NO**

**REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF THE CONTENTS OF THIS WORK AND SPECIFICALLY DISCLAIM ALL WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE. NO WARRANTY MAY BE CREATED OR EXTENDED BY SALES OR PROMOTIONAL MATERIALS. THE ADVICE AND STRATEGIES CONTAINED HEREIN MAY NOT BE SUITABLE FOR EVERY SITUATION. THIS WORK IS SOLD WITH THE UNDERSTANDING THAT THE PUBLISHER IS NOT ENGAGED IN RENDERING LEGAL, ACCOUNTING, OR OTHER PROFESSIONAL SERVICES. IF PROFESSIONAL ASSISTANCE IS REQUIRED, THE SERVICES OF A COMPETENT PROFESSIONAL PERSON SHOULD BE SOUGHT. NEITHER THE PUBLISHER NOR THE AUTHOR SHALL BE LIABLE FOR DAMAGES ARISING HEREFROM. THE FACT THAT AN ORGANIZATION OR WEB SITE IS REFERRED TO IN THIS WORK AS A CITATION AND/OR A POTENTIAL SOURCE OF FURTHER INFORMATION DOES NOT MEAN THAT THE AUTHOR OR THE PUBLISHER ENDORSES THE INFORMATION THE ORGANIZATION OF WEB SITE MAY PROVIDE OR RECOMMENDATIONS IT MAY MAKE. FURTHER, READERS SHOULD BE AWARE THAT INTERNET WEB SITES LISTED IN THIS WORK MAY HAVE CHANGED OR DISAPPEARED BETWEEN WHEN THIS WORK WAS WRITTEN AND WHEN IT IS READ.**

For general information on our other products and services or to obtain technical support, please contact our Customer Care Department within the U.S. at (877) 762-2974, outside the U.S. at (317) 572-3993 or fax (317) 572-4002.

Wiley publishes in a variety of print and electronic formats and by print-on-demand. Some material included with standard print versions of this book may not be included in e-books or in print-on-demand. If this book refers to media such as a CD or DVD that is not included in the version you purchased, you may download this material at <http://booksupport.wiley.com>. For more information about Wiley products, visit [www.wiley.com](http://www.wiley.com).

Library of Congress Control Number: 2013954731

**Trademarks:** Wiley and the John Wiley & Sons, Inc. Publishing logo are trademarks or registered trademarks of John Wiley & Sons, Inc. and/or its affiliates. Nikon and D5300 are trademarks or registered trademarks of Nikon Corporation. All other trademarks are the property of their respective owners. John Wiley & Sons, Inc. Publishing is not associated with any product or vendor mentioned in this book.

# Credits

## **Acquisitions Editor**

Aaron Black

## **Project Editor**

Cricket Krengel

## **Technical Editor**

George Maginnis

## **Copy Editor**

Kim Heusel

## **Director, Content Development & Assembly**

Robyn Siesky

## **Vice President and Executive Group Publisher**

Richard Swadley

# About the Author

**J. Dennis Thomas** is an Austin, Texas-based photographer and the author of 20 Nikon *Digital Field Guides* by Wiley Publishing, as well as the author of *Concert and Live Music Photography: Pro Tips from the Pit* and *Urban and Rural Decay Photography: Finding the Beauty in the Blight*, published by Focal Press. He is also a frequent author of articles on photographic theory and technique for *Digital Photo Magazine*, MasteringPhoto.com, and his own website, the Nikon Digital Field Guide Online (<http://NikonDFG.com>).

He is represented by Corbis Images and has done freelance photography for *Rolling Stone*, *SPIN*, and *Veri.Live* magazines. His photographs have been featured in many notable publications including *Rolling Stone*, *SPIN*, *People*, *Us Weekly*, *Elle*, *W magazine*, *Thrasher*, *Ebony*, *New York Post*, *Veri.Live*, and many more.

When not out photographing or in front of his computer writing about photography, he can be found gracing the stages of the Live Music Capital of the World and popping up randomly in films and television shows.

*As always, to my girls Henrietta and Maddie...*



# Acknowledgments

These books wouldn't be possible without the great team at Wiley working behind the scenes to put out a great product. My name is on the cover, but there are so many folks behind me that contribute to these books and I'd like to thank them all.

I'd also like to thank the folks at Precision Camera and Video in Austin, Texas, Jack and Monica Puryear at Puryear Photography, and Sigma USA for making great lenses.

# Nikon D5300 Digital Field Guide

## Table of Contents

[Introduction](#)

[About the Digital Field Guide](#)

[Chapter 1: Exploring the Nikon D5300](#)

[Key Components of the D5300](#)

[The top of the camera](#)

[The back of the camera](#)

[The front of the camera](#)

[The left side of the camera](#)

[The Viewfinder Display](#)

[The Information Display](#)

[Chapter 2: Nikon D5300 Essentials](#)

[Exposure Modes](#)

[Automatic modes](#)

[Programmed auto mode](#)

[Aperture-priority auto mode](#)

[Shutter-priority auto mode](#)

[Manual mode](#)

[Scene modes](#)

[Special Effects Modes](#)

[Night Vision](#)

[Color Sketch](#)

[Toy Camera effect](#)

[Miniature Effect](#)

[Selective Color](#)

[Silhouette](#)

[High Key](#)

[Low Key](#)

[HDR Painting](#)

[Metering Modes](#)

[Matrix metering mode](#)

[Center-weighted metering mode](#)

[Spot metering mode](#)

[Autofocus](#)

[Phase detection](#)

[Contrast detection](#)

[Focus Modes](#)

[Auto Servo AF mode](#)

[Continuous Servo AF mode](#)

[Single Servo AF mode](#)

[Manual focus mode](#)

[Autofocus Area Modes](#)

[Auto-area AF mode](#)

[Single-point AF mode](#)

[Dynamic-area AF mode](#)

[Release Modes](#)

[ISO Sensitivity](#)

[Auto ISO](#)

[Noise reduction](#)

[White Balance](#)

[The Kelvin scale](#)

[White balance settings](#)

[Picture Controls](#)

[File Formats, Size, and Compression](#)

[NEF \(RAW\)](#)

[JPEG](#)

[Image size](#)

[Image quality](#)

[Wi-Fi](#)

[GPS](#)

## [Chapter 3: Setting up the Nikon D5300](#)

### [The Playback Menu](#)

[Delete](#)

[Playback folder](#)

[Playback display options](#)

[Image review](#)

[Rotate tall](#)

[Slide show](#)

[DPOF print order](#)

[Rating](#)

[Select to send to smart device](#)

### [The Shooting Menu](#)

[Reset shooting menu](#)

[Storage folder](#)

[Image quality](#)

[Image size](#)

[NEF \(RAW\) recording](#)

[White balance](#)

[Set Picture Control](#)

[Manage Picture Control](#)

[Auto distortion control](#)

[Color space](#)

[Active D-Lighting](#)

[High Dynamic Range](#)

[Long exposure NR](#)

[High ISO NR](#)

[ISO sensitivity settings](#)

[Release Mode](#)

[Multiple exposure](#)

[Interval timer shooting](#)

[Movie settings](#)

### [The Custom Setting Menu](#)

[Reset custom settings](#)

[Custom Setting menu a: Autofocus](#)

[Custom Setting menu b: Exposure](#)

[Custom Setting menu c: Timers/AE lock](#)

[Custom Setting menu d: Shooting/display](#)

[Custom Setting menu e: Bracketing/flash](#)

[Custom Setting menu f: Controls](#)

### [The Setup Menu](#)

[Format memory card](#)

[Monitor brightness](#)

[Info display format](#)

[Auto info display](#)

[Clean image sensor](#)

[Lock mirror up for cleaning](#)

[Image Dust Off ref photo](#)

[Flicker reduction](#)

[Time zone and date](#)

[Language](#)

[Auto image rotation](#)

[Image comment](#)

[Location data](#)

[Video mode](#)

[HDMI](#)

[Remote control](#)

[Wi-Fi](#)

[Eye-Fi upload](#)

[Conformity marking](#)

[Firmware version](#)

### [The Retouch Menu](#)

[D-Lighting](#)

[Red-eye correction](#)

[Trim](#)

[Monochrome](#)

[Filter effects](#)

[Color balance](#)  
[Image overlay](#)  
[NEF \(RAW\) processing](#)  
[Resize](#)  
[Quick retouch](#)  
[Straighten](#)  
[Distortion control](#)  
[Fisheye](#)  
[Color outline](#)  
[Color sketch](#)  
[Perspective control](#)  
[Miniature effect](#)  
[Selective color](#)  
[Edit movie](#)  
[Recent Settings / My Menu](#)

#### [Chapter 4: Selecting and Using Lenses with the Nikon D5300](#)

[Deciphering Nikon Lens Codes](#)

[Lens Compatibility](#)

[The DX Crop Factor](#)

[Third-Party Lenses](#)

[Types of Lenses](#)

[Wide-angle lenses](#)

[Standard zoom lenses](#)

[Telephoto lenses](#)

[Close-up/Macro lenses](#)

[Fisheye lenses](#)

#### [Chapter 5: Controlling Exposure](#)

[Defining Exposure](#)

[ISO](#)

[Shutter speed](#)

[Aperture or f-stop](#)

[Fine-Tuning Your Exposure](#)

[Exposure compensation](#)

[Using histograms](#)

[Chapter 6: Working with Light](#)

[Lighting Essentials](#)

[The quality of light](#)

[Lighting direction](#)

[Natural Light](#)

[Continuous Light](#)

[The D5300 Built-in Flash](#)

[Built-in flash exposure modes](#)

[Flash sync modes](#)

[Flash Compensation](#)

[Light Modifiers](#)

[Chapter 7: Working with the Live View and Video Modes](#)

[Live View Mode](#)

[Focus modes](#)

[AF-area modes](#)

[Using Live View mode](#)

[Shooting and Editing Video](#)

[Frame size and frame rate](#)

[In-camera video editing](#)

[Chapter 8: Real-World Applications](#)

[Abstract Photography](#)

[Equipment](#)

[Technique](#)

[Action and Sports Photography](#)

[Equipment](#)

[Technique](#)

[Concert and Live Music Photography](#)

[Equipment](#)

[Technique](#)

[Macro Photography](#)

[Equipment](#)

[Technique](#)

[Nature and Landscape Photography](#)

[Equipment](#)

[Technique](#)

[Night and Low-light Photography](#)

[Equipment](#)

[Technique](#)

[Portrait Photography](#)

[Equipment](#)

[Technique](#)

[Still-life, Product, and Food Photography](#)

[Equipment](#)

[Technique](#)

[Street Photography](#)

[Equipment](#)

[Technique](#)

[Chapter 9: After Capture](#)

[Viewing Your Images](#)

[Downloading Your Images](#)

[File Management and Workflow](#)

[Folder structure](#)

[Editing](#)

[Filenames and metadata](#)

[Tonal Adjustments and Color Corrections](#)

[Sharing Your Images Using Wi-Fi](#)

[APPENDIX A: General Composition Tips](#)

[Keep It Simple](#)

[The Rule of Thirds](#)

[Leading Lines, S-Curves, and Patterns](#)

[The Odd Rule](#)

[Using Color](#)

[APPENDIX B: Accessories](#)

[Speedlights](#)

[The ME-1 Stereo Microphone](#)



[The ML-L3 Wireless Remote Control](#)

[Triggertrap](#)

[Spider Holster](#)

[Glossary](#)

# Introduction

Once again Nikon pulled a shocking move when they announced an update to the D5200, which was a little over a year old and, to be quite honest, a very capable little camera especially for the price point. But Nikon seems to use the mid-range 5000 series cameras to test out their newest features because just as the D5200 was upgraded with features that weren't available on even the newest cameras, the D5300 is arriving hot on the heels of the brand new D610 and has some impressive features that aren't included on the more advanced camera.

Of course the D5300 retains the real hallmark of the 5000 series cameras, which is the Vari-Angle articulated screen, but the screen has seen an increase in both size and resolution. The screen is 3.2 inches and an impressive 1,037,000 dots, which gives the Nikon D5300 unsurpassed clarity. The outside the camera remains relatively unchanged with the exception of the removal of the drive button that was added to the D5200. This is a shame because that was a handy feature which now has to be accessed through the menu system.

The real changes to the D5300 are on the inside. Most notably, the D5300 has inherited a feature from the more expensive D7100 — a 24MP CMOS sensor without an Anti-Aliasing blur filter, which promises sharper more detailed images. Another leap in technology is the brand new Expeed 4 imaging processor that expands the D5300's native ISO all the way up to 12,800 and promises at least one stop better low-light performance in a camera that is already very capable in low light. The other thing the Expeed 4 imaging processor brings to the table is the

ability to record video 60fps at 1080p, which allows perfect integration of slow motion effects into your HD videos.

A couple of other exciting features that have been included that many Nikon users have been wanting are integrated Wi-Fi and GPS. In the past you had to buy relatively expensive add-ons to get these features. Now you can record the location where all of your images are taken without a bulky GPS-1 in your hot-shoe or hanging from your camera strap. The Wi-Fi feature allows you to transfer images to your smart phone or tablet so that you can share them with your friends and family nearly instantly. The Wi-Fi also allows you to shoot tethered wirelessly as well as enabling you to control your camera using your Smartphone as both the controller and Live View source using Nikon's free app.

The D5300 retains the state of the art Multi-CAM 4800DX 39-point autofocus system and the 2016-pixel Color Matrix Metering II metering system that was introduced with the D5200.

The D5300 is a camera at its own level within the Nikon system, having many features that even the much more expensive professional models don't have. It is more compact than more expensive models too, which is great for travelers and people who don't want to be encumbered by a huge professional camera, but want high-end professional features.

## **About the Digital Field Guide**

The Nikon Digital Field Guide book series is intended to act as an adjunct to the manual that comes with your camera. While the manual gives you a great overview of the camera, a photographer didn't write it. The *Nikon*

*D5200 Digital Field Guide* gives you all the information you need about the camera from a working photographer's perspective.

The goal of this guide is to help photographers — from novice to advanced amateur — grasp all of the features of their new camera. It includes tips learned from working with the camera in the field, as well as some basic information to help newer photographers get up to speed quickly.

This full-color guide walks you through setting up your camera, offers insight about which settings to use, and tells you why each setting is useful in particular situations. Full-color images demonstrate different photography concepts, and show you some of the things the D5300 is able to accomplish.

The *Nikon D5300 Digital Field Guide* will help you familiarize yourself with your camera more quickly, so that you can not only navigate and handle it better, but also more easily achieve your photographic vision.

# Chapter 1: Exploring the Nikon D5300

Nikon's 5000 series of cameras occupy a special niche within the Nikon line of cameras. The D5300 is the only camera in Nikon's current lineup to feature the articulating Vari-angle LCD monitor. To make room for this handy feature the D5300 is designed differently from all other Nikon cameras, and the result is that there are fewer buttons and dials; many common features are accessed through the D5300's menu.

Because the camera has been streamlined, many of the buttons and dials have more than one function, and it's important to familiarize yourself with the layout and use of these buttons so that when you're shooting, you're not fumbling around trying to find the right button to access the features that you need.



Image courtesy of Nikon, Inc.

**The Vari-angle LCD monitor is specific to the 5000 series of Nikon dSLR cameras.**

# Key Components of the D5300

As I mentioned previously, the D5300 doesn't have the plethora of buttons and dials that other Nikon camera models do, so the few controls the camera does have are very important. Most of them perform numerous duties depending on the camera mode, so understanding how each control functions is key to controlling your camera quickly so that you don't miss a shot.

The following sections break the camera features down into segments and go over each control.

## The top of the camera

Most of the important buttons are on the top of the D5300. This makes it easier to find them, especially when you have your eye to the viewfinder. This is where you find the dial to change the shooting modes, as well as the all-important shutter-release button and the Movie record button.

The following list includes the controls/buttons on top of the camera:

- ▶ **On/Off switch.** Located concentric to the shutter-release button, this switch turns the camera on and off. Push it to the right to turn the camera on or to the left to turn the camera off.
- ▶ **Shutter-release button.** This is the most important button on the camera. It is a two-stage button. Pressing this button halfway activates the camera's autofocus and light meter. Fully depressing this button releases the shutter, and a photograph is taken. When the camera has been idle, and has "gone to sleep," lightly pressing the shutter-release button wakes it up. When the Auto info display is set to On, half-pressing

and holding it turns the Info Display off, while releasing it turns the Info Display on. When the image review is on, lightly pressing the shutter-release button turns off the LCD screen and prepares the camera for another shot.



- ▶ **Movie-record button.** When the camera is in Live View mode (**Lv**), you press this button (which has a simple red dot on it) to start recording video. Press it a second time to stop recording.
- ▶ **Exposure compensation () / Aperture () button.** Press this button while spinning the Command dial to modify the exposure set by the D5300 light meter when it is in the Programmed auto (**P**), Shutter-priority auto (**S**), or Aperture-priority auto (**S**) modes. Turning the Command dial to the right increases the exposure, while turning the dial to the left decreases the exposure. When set to Manual exposure mode (**M**), you can press this button and rotate the Command dial to adjust the aperture settings.



Image courtesy of Nikon, Inc.

### 1.1 The controls on top of the camera.

- ▶ **Info button** (Info). Press this button to display information on the LCD screen. The information display shows all of the exposure and camera setting options.

**NOTE** If you're stepping up from the D5200 you may notice that the shutter-release mode button has been moved to the bottom left side of the camera near the lens mount.

- ▶ **Live View mode switch** (Lv). Of all Nikon cameras, the D5300 has my favorite implementation for Live View mode (Lv). A quick flick of the Live View mode switch (Lv), which is right next to the Mode dial, puts the camera in Live View mode (Lv), so you can shoot stills or videos using the LCD monitor as a viewfinder.
- ▶ **Mode dial.** This is an important dial. Rotating the Mode dial allows you to change your shooting mode quickly. You can choose one of the scene modes, the



Special Effects **EFFECTS** mode, one of the semiautomatic modes, or Manual exposure mode **M**, which lets you pick the exposure settings.

**CROSS REF** For a detailed description of all exposure modes, see Chapter [2](#).

- ▶ **Hot shoe.** This is where you attach an accessory flash to the camera body. The hot shoe has an electronic contact that tells the flash to fire when the shutter is released. A number of other electronic contacts allow the camera to communicate with the flash, enabling the automated features of a dedicated flash unit such as the SB-700.
- ▶ **Stereo microphone.** The D5300 employs a built-in stereo microphone for recording sound with your movies.
- ▶ **Speaker.** This small speaker allows you to hear the sound of the video playback. The fidelity isn't very good, but it gives you a close approximation of what you will hear during playback.
- ▶ **Focal plane indicator.** This marks the plane where the front of the sensor lies. Nikon uses this as the mark of the closest focus length of a lens and when measuring distances for manual flash calculations this is where the measurement to the subject from the camera should start.

## The back of the camera

The back of the camera is where you find the buttons that mainly control playback and menu options, although a few buttons control some of the shooting functions. Most of the buttons have more than one function. Additionally, you use many of them in conjunction with the Command

dial or multi-selector. On the back of the camera, you also find several key features, including the all-important LCD screen and viewfinder.






The following are the controls on the back of the camera:

- ▶ **Vari-angle LCD monitor.** This is the most prominent feature on the back of the camera. This 3.2-inch, liquid crystal display (LCD) is a very bright, high-resolution screen with 1,036,000 dots. The LCD is where you view all of the current camera settings and review your images after shooting. It also displays the video feed for Live View mode (**Lv**) and video recording. The Nikon D5000 series cameras are the only ones that feature this type of display, which allows you to position and swivel the screen to help in composing photos at odd angles when shooting photos or video. The biggest difference between the LCD on the D5300 and previous incarnations of the 5000 series is that the aspect ratio of the screen has changed from 4:3 to 3:2, which is the native format of the imaging sensor.
- ▶ **Viewfinder.** This is what you look through to compose your photographs. Light coming through the lens is reflected from a series of five mirrors (called a *pentamirror*), enabling you to see exactly what you're shooting. The rubber eyepiece around the viewfinder gives you a soft place to rest your eye and blocks any extra light from entering the viewfinder as you compose and shoot your images.


















Image courtesy of Nikon, Inc.

## 1.2 The controls on the back of the camera.

- ▶ **Diopter adjustment control.** Just to the right of the viewfinder (hidden behind the eyecup) is the diopter adjustment control. Use this control to adjust the viewfinder lens to suit your individual vision strength (not everyone's eyesight is the same). The best way to do this is to look at the viewfinder display and rotate the dial until the information in the viewfinder display is sharp.
- ▶ **AE-L/AF-L (  )/Protect (  ) button.** The Auto Exposure/Autofocus Lock (  )/Protect (  ) button locks the Auto Exposure (AE) and Autofocus (AF). You can customize this button in the Custom Setting menu (  ) f2 to provide AE/AF Lock, AE Lock only, AE Lock (hold), AF Lock only, or AF-ON. AE Lock (hold) locks the exposure when you press the shutter-release button once; the exposure remains locked until you press the button again or the shutter releases. AF-ON engages the AF in the same way that half-pressing the shutter-

release button does. When the camera displays an image in Playback mode, press this button to lock the image and protect it from being deleted.

**CROSS REF** See Chapter [3](#) for more detailed information about the AE-L/AF-L button (.

- ▶ **i button** (). Press this button once to bring up the information edit display on the LCD screen and use the multi-selector to adjust the camera settings.
- ▶ **Command dial**. You use this dial to change a variety of settings, depending on the button with which you are using it. By default, it changes the shutter speed when the camera is in Shutter-priority auto () , Programmed auto () , and Manual exposure () modes. When shooting in Aperture-priority auto mode () it changes the aperture setting. It can also adjust exposure compensation and change the flash mode.
- ▶ **Playback button** (). Press this button to activate playback. By default, it displays the most recently taken photograph. You can also view other pictures by pressing the multi-selector left () and right (.
- ▶ **Multi-selector**. This is another button that serves several purposes. When playing back images, you use it to scroll through the photographs you've taken or to view image information, such as histograms and shooting settings. When the D5300 is in Single-point AF () or Dynamic-area AF () mode, you can use the multi-selector to change the active focus point. You can also use the multi-selector to navigate through the menu options.
- ▶ **OK button** (). When viewing menus, press the OK button () to select the highlighted menu item. In Playback mode () , press the OK button () to

display the Retouch Menu (🔍) options. When actively shooting, press the OK button (OK) to reset the active focus point to the center.

- ▶ **Memory card access lamp.** This light blinks when the memory card is in use. Under no circumstances should you remove the memory card when this light is on or blinking. You could damage the card or your camera, and lose any information in the camera's buffer. If the buffer is full when you switch the camera off, the camera will stay powered on and this lamp continues blinking until the data finishes transferring from the buffer to the memory card.
- ▶ **Delete button (🗑️).** If you are reviewing your pictures and find some that you don't want to keep, press this button to delete them. To prevent you from accidentally deleting images, the camera displays a dialog box asking you to confirm that you want to erase the picture. Press the Delete button (🗑️) a second time to erase an image permanently.
- ▶ **Zoom in button (🔍).** When reviewing your images or using the Live View option (Lv), you can press the Zoom in button (🔍) to get a closer look at the details of your image. This is a handy feature for checking the sharpness and focus of your shot. When the camera is zoomed in, use the multi-selector to navigate around within the image. To view your other images at the same zoom ratio, you can rotate the Command dial. To return to full-frame playback, press the Thumbnail/Zoom out button (🖼️). You may have to press the Thumbnail/Zoom out button (🖼️) multiple times, depending on how much you zoomed in previously.
- ▶ **Thumbnail/Zoom out button (🖼️).** When reviewing images, press this button to switch from full-frame

playback (that is, viewing the whole image) to viewing thumbnails. The thumbnail view displays 4, 12, or 80 images. You can also view images by calendar date. When you're viewing the menu options, press this button to display a help screen that explains the functions of that particular menu option. This button also zooms out of an image on which you have zoomed.

- ▶ **Menu button (MENU).** Press this button to access the D5300 menu options, including Playback (▶), Shooting (📷), Custom Setting (🔧), and Retouch (🔍). Use the multi-selector to choose the menu you want to view, and then press the OK button (OK) to enter the specific menu screen.
- ▶ **Rear infrared receiver.** This receiver picks up the infrared signal from the optional ML-L3 wireless remote.

## The front of the camera

While this is the main business end of the camera, there really aren't many controls here. The most important part is pointed right at you — the lens.

The features are as follows: