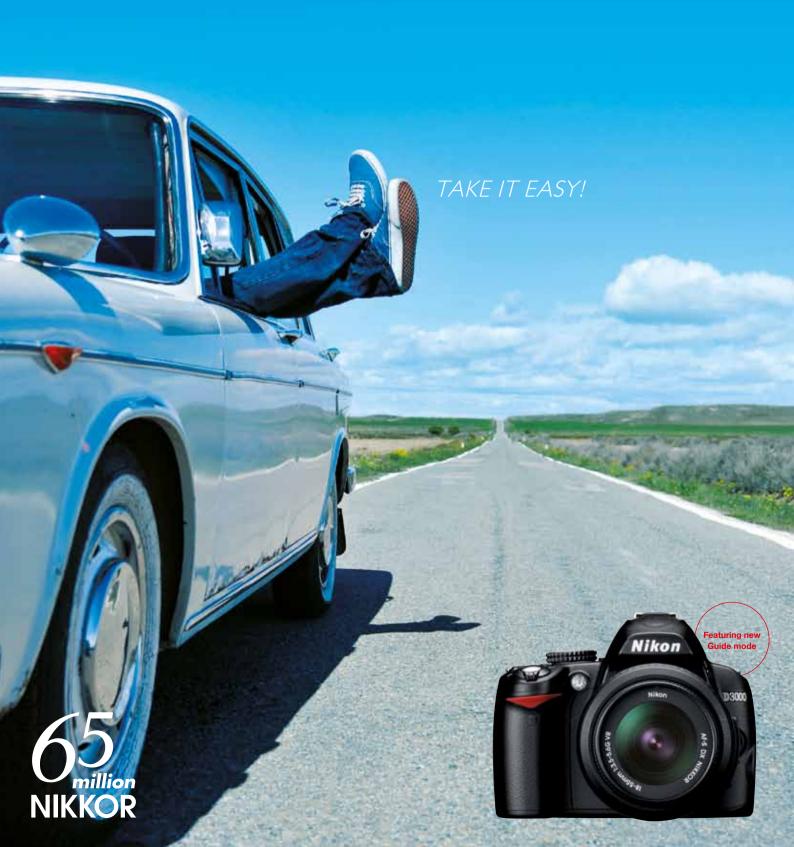


D3000







D3000

Casual shots never looked so good. Beautiful photos were never so easy.

Imagine all the high-tech wizardry of advanced digital SLR picture taking in an easy-to-use camera. Now imagine the D3000, a camera that combines Nikon technology with simplicity never before found in a camera so advanced.

The D3000 features a new Guide mode, intuitive in-camera assistance that allows even first-time users to transform everyday moments into stunning pictures.









Not sure of what to do? Let the D3000 be your guide.

For shots you can't afford to miss but aren't sure how to take, simply set the Mode dial to **GUIDE**, then let the D3000 assist you in adjusting camera settings.

Guide mode helps you capture the moment to obtain the kinds of pictures you expect from a quality digital SLR camera.





Create pictures of breathtaking beauty by getting close to the subject. This mode optimizes camera settings to soften the foreground and background in

order to draw attention to the subject, making it ideal for close-ups of flowers, jewelry, and other highly detailed objects.

Record the majesty of a dynamic city or natural beauty of a breathtaking vista. This setting enhances the vibrancy and liveliness of the scene while disabling flash, allowing the D3000's intelligent metering to set exposure and capture the scene as you see it. Even when shooting at dusk or under a cloudy sky, you are assured of beautiful pictures containing well-saturated color.

4

Want to elevate your photo skills? Let the D3000 assist.

The D3000's intelligent Guide mode helps you take your photography to new heights, revealing techniques you thought were the exclusive realm of professional photographers but which you can now call your own. Artistry like blurring backgrounds or freezing fast-moving action is easily accomplished with the D3000.





Obtain beautiful portraits without distracting backgrounds. This setting keeps the subject in sharp

focus while softly blurring the background, resulting in portraits with a studio-like feel.

Capture moments that can slip away in the blink of an eye. This setting places priority on maintaining shutter speeds faster than 1/1000 second in order to freeze action such as fast-moving cars and other vehicles. The results are exciting photos that display all the dynamic action of the original scene.

The savvy new D3000. The camera that shows you how.

How to preserve precious memories. How to improve your pictures. And how to do it all, easily. The new Guide mode demystifies the often complex world of digital SLR photography.





No more guesswork —

Easy operation

The D3000 handles nearly any picture taking opportunity with specially engineered settings suitable for a variety of subjects and situations. And if you just want to point and shoot, select Auto and let the D3000 do the rest. As you become more familiar with the camera, you can even fine-tune each setting - a great way to show the world your unique style.

Moving subjects

Portraits

- Auto
- No flash Distant subjects Close-ups
- Sleeping faces
- Landscapes
- Night portrait



The professional touch -

Advanced operation

Advanced automation makes the D3000 so easy to use. But for the especially curious, the D3000's Guide mode can help you acquire impressive picture taking skills - quickly and more easily than ever imagined. You'll be thrilled to put newfound techniques to work, creating photos you've always dreamed of but were previously unable to take.

- Soften backgrounds: Select aperture
- Freeze motion (people): Select a shutter speed
- Freeze motion (vehicles): Select a shutter speed

A right time for everything —

Timers & remote control

Whether you want to fire off a series of shots in rapid succession or use an optional remote control, Guide mode shows you how. No more digging through manuals or searching through menus to find the function you want to use. Thanks to Guide mode, you can start enjoying the D3000 from the moment you open the box.

- Single frame (1 frame)
- Continuous (approx. 3 fps)
- 10-second self-timer
- Delayed remote
- Quick-response remote



Renowned Nikon technology. Everything you need for beautiful photos.

The D3000 packs all the innovation and advanced engineering for which Nikon is famous into a light, compact body.

And with the D3000, advanced doesn't mean difficult. Its leading-edge technology resides behind a user-friendly interface that makes it extraordinarily simple to take the kinds of photos you've always wanted to take.



DX-format CCD sensor

Nikon DX-format CCD sensor; 10.2 effective megapixels

Combining a CCD sensor with Nikon's famed EXPEED image processing system, the D3000 produces finely detailed photos that exhibit exceptional color and sharpness as well as smooth gradation, and does so at lightning-quick speed. The high resolution also gives you the freedom to print beautiful enlargements and crop more creatively without loss of sharpness. EXPEED



11-point autofocus system for tack-sharp results

The diamond-shaped array of 11 autofocus points provides outstanding coverage for achieving focus no matter where the subject is located in the frame. Additionally, four AF-area modes — Single-point, Dynamic-area, Auto-area, and 3D-tracking — cover any situation, from fast or unpredictable action to static, off-center subjects.



Scene Recognition System — Brains behind the beauty

Nikon's exclusive Scene Recognition System utilizes a 420-pixel RGB sensor to analyze a composition immediately before you take the shot. It then automatically optimizes exposure, autofocus, and white balance, allowing you to obtain beautiful photos without the hassle of making complicated camera adjustments yourself.







Active D-Lighting — What you see is what you get

Shooting in bright sunlight often produces pictures with extreme contrast between light and dark areas, resulting in loss of tone and detail. Active D-Lighting effectively combats this by preserving important details in shadows and highlights. The results are optimally exposed photos that better reflect the scene as you saw it.



Portrait: Natural, lovely skin tones Vivid: Increased color saturation Monochrome: Black and white



images, including tints

Picture Control System expands creativity

Customize the appearance of photos before you shoot with Nikon's Picture Control System. Six settings — Standard, Neutral, Vivid, Monochrome, Portrait, and Landscape let you change the look of photos depending on mood or subject. Each setting can be adjusted to provide additional control over sharpness, contrast, and other effects.





7.5 cm (3-in.) LCD monitor goes easy on the eyes

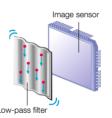
Bright and sharp, the D3000's 7.5 cm (3-in.), approximately 230k-dot TFT LCD monitor ensures comfortable viewing when playing back photos. It also makes reading menus easier thanks to text size that is now 20% larger than that of the D40 and D60. In addition, the spacious monitor is convenient for retouching, allowing you to modify pictures without the need for a computer.



Vent for Airflow Control System



cleaning mechanism



Nikon Integrated Dust Reduction System

The D3000 is equipped with Nikon's Integrated Dust Reduction System. This solution includes a special Airflow Control System that redirects dust away from the low-pass filter located in front of the image sensor, thereby limiting its accumulation. Additionally, when powering the camera on or off, the filter automatically vibrates at precise frequencies to release image-degrading dust that may adhere to it.



Durable 100,000-cycle shutter unit

Reliable performance is a given with the D3000 thanks to its long-lasting shutter unit. Tested to 100,000 cycles on actual working models of the D3000, this precision mechanism delivers shutter speeds from 30 seconds to 1/4000 second and flash synch up to 1/200 second. And you'll never miss a shooting opportunity thanks to the rapid shutter response that eliminates annoying shutter-release delay.

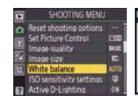


Pop-up flash helps optimize exposure

When the light gets low or you find yourself shooting in tricky backlit lighting, use the built-in pop-up flash to brighten the scene. It activates automatically when needed depending on exposure mode, or can be enabled manually. In addition, support for i-TTL flash control increases exposure accuracy.



Fnables highly-sophisticated flash photography



Help function for even more assistance Match white balance to the ight source. White balance can e fine-tuned by adjusting the alance of B (blue) and

(amber) or M (magenta) and

Always ready to extend a helping hand, the D3000 includes a practical Help function. When browsing menus, simply press the Help button to display a detailed description of the selected item.

Great lenses, exceptional photographs.

As the eye of the camera, the lens is critical to any photographic application. In fact, the beauty of a picture is closely tied to the performance of the lens.

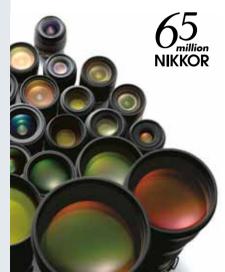
Note: The D3000 is exclusively designed for use with NIKKOR AF-S and AF-I lenses that are equipped with an autofocus motor.



In-camera photo editing and playback functions provide added enjoyment after the shot.

D3000

Taking the shot can be just the beginning of the creative experience with the D3000. A variety of in-camera editing functions and playback options give you even more ways to enjoy your pictures.



NIKKOR - Nikon's own quality lenses -High performance proven in outer space

Nikon quality throughout

The sterling reputation of NIKKOR lenses is due in part to the fact that Nikon produces its own optical glass.

NIKKOR — The choice of NASA

The performance of Nikon cameras and NIKKOR lenses has earned them a role with NASA. From the Apollo 15 lunar landing to numerous Space Shuttle projects, the reliability and clarity of NIKKOR are reflected throughout the entire lineup.



With Nikon's in-lens VR system



Without in-lens camera-shake correction



Nikon's original VR lenses — A high-tech solution you can see

Reducing camera-shake blur

When shooting at slow shutter speeds - such as in dimly lit environments - or when using a micro or telephoto lens, blurry images caused by camera-shake may occur, ruining what could have been a wonderful picture. To help prevent this, Nikon equips some lenses with a vibration reduction (VR) system. This counteracts camera-shake for sharper images.

Reducing blur in the viewfinder

Unlike vibration reduction system inside the camera, Nikon's VR also corrects blur in the viewfinder. This aids in composition and focusing since the image remains stable.

Note: VR allows shooting handheld up to three stops slower (four stops slower with VR II)* than when

* Based on Nikon measurements.

NIKKOR lenses expand the joy of shooting

35 mm prime lens for beautiful background blur. Well suited for photographing portraits.





AF-S DX NIKKOR 35mm f/1.8G

85 mm micro lens for stunning close-ups. Ideal when shooting small objects like flowers.





AF-S DX Micro NIKKOR 85mm f/3.5G ED VR

In-camera editing adds inspiration

Open the Retouch Menu and discover a world of creative possibilities. A dazzling array of photo effects gives free reign to your artistic potential, letting you experiment with different filters and techniques to satisfy your own taste — all without a computer.

Miniature effect Makes pictures appear as if they are photos of miniature scale models.





Color outline



Creates an outline copy of a photo, which can be printed then hand-



Adds a soft, slightly gauzy look to photos — ideal for portraits and

Color balance



Allows color to be adjusted to control the tone of the entire

Retouch menu

- D-Lighting Red-eve correction Trim (1:1, 3:2. 4:3, 5:4, 16:9) ● Monochrome (Black-and-white, Sepia, and Cyanotype) ● Filter effects (Skylight, Warm filter, Red intensifier, Green intensifier, Blue intensifier, Cross screen, and Soft) ● Color balance ● Small picture
- Image overlay
 NEF (RAW) processing Quick retouch ● Color outline ● Miniature effect
- Stop-motion movie







Calendar view

A variety of playback options

The D3000's playback options make it easy to select pictures for viewing or retouching. You can view pictures one at a time or in groups of 4, 9, or 72. A Calendar view is also available, which organizes photos by shooting date and time then displays them in a handsome calendar format.



my Picturetown - Convenient on-line sharing

Enjoy my Picturetown, Nikon's own image sharing and storage web site. Membership is free to Nikon digital camera owners and permits uploading up to 2 GB of photos and/or movies. Pay a small additional fee and get up to 20 GB of storage*. my Picturetown supports JPEG and NEF (RAW) files.



All the gear you need for any shot you want to take.

D3000

Nikon software simplifies picture-management chores and gives you the tools to get the most out of the digital SLR experience.

Backed by a comprehensive system for any photographic need, the D3000 is the ideal choice for those who want a camera that will grow with their artistic capabilities.

ViewNX - Effortless image management

Bundled ViewNX software is the easy way to organize and edit photos. Compatible with both Windows and Macintosh, ViewNX provides a fast, simple way to handle basic JPEG and NEF (RAW) picture management. Attach labels to photos to facilitate searches, tweak exposure and white balance, or create your own Picture Control settings.



Capture NX 2 — The finishing touch

Capture NX 2's easy-to-learn editing tools unlock image potential without degrading original image quality. This software is ideal for optimizing Nikon NEF (RAW) files as well as JPEG and TIFF images from most digital cameras. With award-winning U Point® technology, tedious editing procedures are easier than ever.





Original

Note: System requirements for Nikon Capture NX 2 (ver. 2.2) can be found at: http://www.capturenx.com

Memory card capacity*1

The following table shows the approximate number of pictures that can be stored on a 4 GB Lexar Media Professional 133x card at different image quality and size settings.

Image quality	Image size	File size*1	No. of images*1	Buffer capacity*2
NEF (RAW) + JPEG basic*3	L	9.8 MB	227	6
NEF (RAW)	-	8.6 MB	235	6
JPEG fine	L	4.7 MB	541	100
	M	2.7 MB	951	100
	S	1.3 MB	2000	100
JPEG normal	L	2.4 MB	1000	100
	M	1.4 MB	1800	100
	S	0.7 MB	3900	100
JPEG basic	L	1.3 MB	2000	100
	M	0.7 MB	3400	100
	S	0.4 MB	6900	100

- *1 All figures are approximate. File size varies with scene recorded.
- "2 Maximum number of exposures that can be stored in memory buffer. Drops at ISO sensitivities over ISO 800 or if Noise reduction or Active D-Lighting is on.
 "3 Image size applies to JPEG images only. Size of NEF (RAW) images can not be changed. File size is the total for
- "3 Image size applies to JPEG images only. Size of NEF (HAW) images can not be changed. File size is the total NEF (RAW) and JPEG images.

Approved memory cards

The following SD memory cards have been tested and approved for use in the D3000. All cards of the designated make and capacity can be used, regardless of speed.

	, , , , , , , , , , , , , , , , , , ,
SanDisk	512 MB, 1 GB, 2 GB, 4 GB, 8 GB, 16 GB, 32 GB
Toshiba	512 MB, 1 GB, 2 GB, 4 GB, 8 GB, 16 GB, 32 GB
Panasonic	512 MB, 1 GB, 2 GB, 4 GB, 6 GB, 8 GB, 12 GB, 16 GB, 24 GB, 32 GB
Lexar Media	512 MB, 1 GB, 2 GB, 4 GB, 8 GB Platinum II: 512 MB, 1 GB, 2 GB, 4 GB, 8 GB, 16 GB, 32 GB
	Professional: 1 GB, 2 GB, 4 GB, 8 GB

- Before 2 GB cards used with a card reader or other device, verify that the device supports the second second
- Cards with a capacity of 4GB or more are SDHC compliant.
 Before using these cards with a card reader or other device, verify that the device supports SDHC.

Long-lasting lithium-ion battery

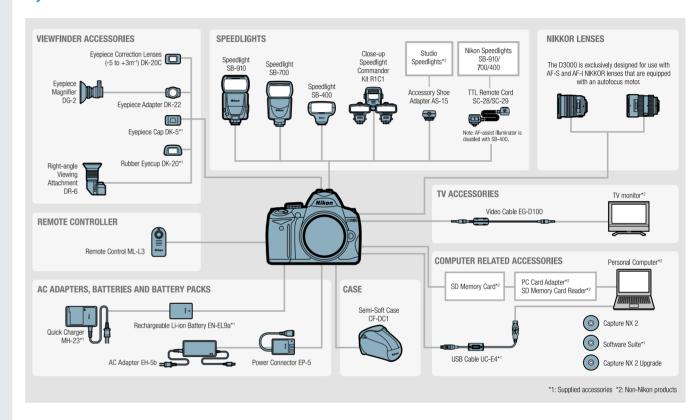




Included Rechargeable Li-ion Battery EN-EL9a delivers up to approximately 550 frames on a single charge*.

 * Based on CIPA standards.

System Chart



Parts and Controls



- Mode dial
- 2 Information button
- 3 Exposure compensation button/ Flash mode button/Flash compensation buttor
- Shutter-release button
- 5 Power switch
- AF-assist illuminator/
 Self-timer lamp/
 Red-eye reduction lamp
- Accessory shoe (for optional flash unit)
- Oct disconstruction
- 8 Self-timer button
- 9 Lens release button
- Playback button

- Menu button
- Thumbnail/ playback zoom out button/ Help button
- 13 Playback zoom in button/ Information edit button
- Viewfinder eyepieceAE-L/AF-L button/Protect button
- 6 Command dial
- Multi selector
- OK button
- Delete button
- 20 Monitor

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Туре		
Туре	Single-lens reflex digital camera	
Lens mount	Nikon F mount (with AF contacts)	
Effective picture angle	Approx. 1.5 x lens focal length (Nikon DX format)	
Effective pixels		
Effective pixels	10.2 million	
maga canaar		
mage sensor Image sensor	23.6 x 15.8 mm CCD sensor	
Total pixels	10.75 million	
Dust-reduction system	Image Sensor Cleaning, Airflow Control System, Image Dust Off reference data (optional Capture NX 2 software required)	
Storage		
Image size (pixels)	• 3,872 x 2,592 [L], 2,896 x 1,944 [M], 1,936 x 1,296 [S]	
File format	NEF (RAW)*	
	 JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8), or basic (approx. 1:16) compression NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats 	
	* Can be processed with in-camera NEF (RAW) Processing function, or by using software such as ViewNX (supplied)	
	or Capture NX 2 (optional).	
Picture Control System	Can be selected from Standard, Neutral, Vivid, Monochrome, Portrait, Landscape; selected Picture Control can be modified	
Media	SD (Secure Digital) memory cards, SDHC compliant	
File system	DCF (Design Rule for Camera File System) 2.0, DPOF (Digital Print Order Format), Exif 2.21 (Exchangeable Image File Format for Digital Stil	
	Cameras), PictBridge	
/iewfinder		
Viewfinder Viewfinder	Eye-level pentamirror single-lens reflex viewfinder	
Frame coverage	Approx. 95% horizontal and 95% vertical	
Magnification	Арргох. 0.8 x (50 mm f/1.4 lens at infinity, -1.0 m ⁻¹)	
Eyepoint	18 mm (-1.0 m ⁻¹)	
Diopter adjustment	-1.7 to +0.5 m ⁻¹	
Focusing screen	Type B BriteView Clear Matte Mark V screen with focus frame (framing grid can be displayed)	
Reflex mirror	Quick return type	
Lens aperture	Instant return, electronically controlled	
Lens		
	 Type C or D AF MIXKOR withhout buil-in autoflosis motor. All functions except autoflosis supported. Type D or D AF MIXKOR All functions supported except autoflosis and 3D color matrix metering II. Lenses for F3AF not supported. Type D PC MIXKOR: All functions supported except some shooting modes. AP MIXKOR: All functions supported except 3D color matrix metering II. Non-CPU: Autoflosis not supported. Can be used in exposure mode M, but exposure meter does not function. Note: Type D or D or Service and D or D o	
	Note. Liectionic rangeminer can be used in lens has a maximum aperture or 1/3.0 or laster.	
Shutter		
Туре	Electronically-controlled vertical-travel focal-plane shutter	
Speed	1/4000 to 30 s in steps of 1/3 EV, Bulb, Time (requires optional Remote Control ML-L3)	
Flash sync speed	X=1/200 s; synchronizes with shutter at 1/200 s or slower	
Release		
Release mode	🛐 (single frame), 🖳 (continuous), 🖒 (self-timer), 🔓 (quick-response remote), 🔓 2s (delayed remote)	
Frame advance rate	Up to 3 fps (manual focus, mode M or S, shutter speed 1/250 s or faster, and other settings at default values)	
Self-timer	Can be selected from 2, 5, 10, and 20 s duration	
xposure		
Metering	TTL exposure metering using 420-pixel RGB sensor	
Metering method	Matrix: 3D color matrix metering II (type 6 and 0 lenses); color matrix metering II (other CPU lenses) Center-weightet. Weight of 75 given to 8-mm circle in center of frame Spot: Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point	
Range	Matrix or center-weighted metering: 0 to 20 EV	
(ISO 100, f/1.4 lens, 20°C/68°F)	Spot metering: 2 to 20 EV	
Exposure meter coupling	CPU	
Exposure Modes	Auto modes (auto, auto [flash off]), Scene Modes (Portrait, Landscape, Child, Sports, Close-up, Night portrait), programmed auto with flexible program (P), shutter-priority auto (S), aperture-priority auto (A), manual (M)	
Exposure compensation	-5 to +5 EV in increments of 1/3 EV	
Exposure lock	Luminosity locked at detected value with AE-L/AF-L button	
ISO sensitivity (Recommended Exposure Index)	ISO 100 to 1600 in steps of 1 EV. Can also be set to approx. 1 EV above ISO 1600 (ISO 3200 equivalent), auto ISO sensitivity control available	
Active D-Lighting	Can be selected from On or Off	
gang	10 (20 20 20 20 20 20 20 20 20 20 20 20 20 2	
ocus		
Autofocus	Nikon Multi-CAM 1000 autofocus sensor module with TTL phase detection, 11 focus points (including one cross-type sensor), and AF-assi	
	illuminator (range approx. 0.5 to 3m / 1 ft. 8 in. to 9 ft. 10 in.)	
Detection range	-1 to +19 EV (ISO 100, 20°C/68°F)	
Lens servo	 Autoflocus (AF): Single-servo AF (AFS): continuous-servo AF (AF-C): auto AF-S/AF-C selection (AF-A): predictive focus tracking activated automatically according to subject status Manual focus (MF): Electronic rangefinider can be used 	
	Can be selected from 11 focus points	
Focus point		

Flash		
Built-in flash	Auto, Portrait, Child, Close-up, Night portrait : Auto flash with auto pop-up P, S, A, M: Manual pop-up with button rélease	
Guide Number	Approx. 12/39, 13/43 with manual flash (m/ft, ISO 100, 20°C/68°F)	
Flash control	TIT: iTIL balanced fill-flish and standard iTIL flash for digital SLR using 420 pixel RGB sensor are available with built in flash and SS910, SS900, SS900, SS700, SS900, or SS400 [iTIL balanced fill-flash is available when matrix or center-weighted metering is selected] Auto aperture: Available with SS910, SS900, SS900, SS900, SS900, SS900, SS900, SS900, SS900, SS920, SS9280, SS	
Flash mode	Auto, auto with red-eye reduction, fill-flash, auto slow sync, auto slow sync with red-eye correction, and rear curtain with slow sync	
Flash compensation	-3 to +1 EV in increments of 1/3 EV	
Flash-ready indicator	Lights when built-in flash or optional flash unit such as SB-910, SB-900, SB-800, SB-700, SB-600 or SB-400 is fully charged; blinks for 3 s after flash is fired at full output	
Accessory shoe	ISO 518 hot-shoe with sync and data contacts and safety lock	
Nikon Creative Lighting System (CLS)	Advanced Wireless Lighting supported with SB-910, SB-900, SB-800, SB-700, or SU-800 as commander; Flash Color Information Communication supported with built-in flash and all CLS compatible flash units	
Sync terminal	Sync Terminal Adapter AS-15 (optional)	
White balance		
White balance	Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning	
Monitor		
LCD monitor	7.5 cm (3-in.), approx. 230 k-dot TFT LCD with brightness adjustment	
Playback		
Playback function	Full-frame and thumbnail (4, 9, or 72 images or calendar) playback with playback zoom, playback of stop-motion movies created with D3000, slide show, histogram display, highlights, auto image rotation, and image comment (up to 36 characters)	
Interface		
USB	Hi-Speed USB	
Audio video output	Can be selected from NTSC and PAL	
Supported languages		
Supported languages	Chinese (Simplified and Tradritional), Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish	
Power source		
Battery	One Rechargeable Li-ion Battery EN-EL9a	
AC adapter	AC Adapter EH-5b; requires Power Connector EP-5 (optional)	
Tripod socket		
Tripod socket	1/4 in. (ISO 1222)	
Dimensions/weight		
Dimensions (W x H x D)	Approx. 126 x 97 x 64 mm (5.0 x 3.8 x 2.5 in.)	
Weight	Approx. 485 g (1 lb. 1.1 oz.) without battery, memory card, or body cap	
Operating environment		
Temperature	0 to 40°C (32 to 104°F)	
Humidity	Less than 85% (no condensation)	
	Less than 85% (no condensation)	
Accessories Supplied accessories	Less than 85% (no condensation) Rechargeable Livin Battery ENEL9a, Quick Charger MH-23, Eyepiece Cap DK-5, Rubber Eyecap DK-20, USB Cable UC-E4, Camera Strap	

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WARNING

Single-point AF, dynamic-area AF, auto-area AF, 3D-tracking (11 points) AF

Focus can be locked by pressing shutter-release button halfway (Single-servo AF) or by pressing AE-L/AF-L button

TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT. SOME DOCUMENTATION IS SUPPLIED ON CD-ROM ONLY.

Visit the Nikon Europe website at: **www.europe-nikon.com**



AF-area mode

Focus lock