

DIGITAL SLR CAMERA DDDDDDDDD

At the heart of the ímage



Picture a new generation of digital SLR camera, one that is uniquely enabled to tackle photographic challenges quickly and efficiently, while achieving beautiful results that faithfully reproduce the scene in remarkable detail. Crafted to combine the best of newly developed technologies with Nikon's decades of innovative engineering experience, this high-precision, high-performance digital SLR camera responds instantly to the will and needs of the photographer. It also delivers unrivalled handling efficiency, a large, bright optical viewfinder and 10.2 effective megapixels of extraordinarily sharp resolution. Tight integration with Nikon's Total Imaging System ensures compatibility with the lineup of renowned Nikkor lenses, while full support for Nikon's advanced Creative Lighting System adds further creative freedom. What's more, all these capabilities are underscored by additional Nikon advantages. In fact, with the Nikon Electronic Format (NEF) file format for raw image data and powerful Nikon Capture software, image quality is enhanced and workflow made more efficient, from camera to NEF, to Capture, and on to display and output. **Fast forward to new creative possibilities – with the D200.** 

D200

10.2 effective megapixel high-performance Nikon DX format CCD image sensor
 Advanced high-speed, precision image processing engine

NEF (RAW) and JPEG file versatility

- 5fps; 0.15 second power-up; instant response
- New selectable 11-area AF or 7 wide-area AF
- Magnesium alloy (Mg) body
- · Large, bright 0.94x viewfinder
- 2.5-inch LCD and industry's largest top control panel
- Full integration with Nikon's Total Imaging System

# Precision crafted, for the ultimate digital SLR experience.



# Sharp resolution with pure color fidelity, delivered by instant response from high-precision subsystems

#### CAPTURE

#### 10.2 megapixel DX Format CCD image sensor

The D200 employs a newly developed 10.2 effective megapixel Nikon DX Format CCD image sensor that captures images with



sharp details and versatile color imaging at 3,872 x 2,592 pixels size, yielding extraordinarily high-resolution images that leave plenty of leeway for enlargements or creative cropping. This new image sensor incorporates high-speed 4-channel data output, and is fitted with a newly developed Optical Low Pass Filter that helps prevent

#### **D200 PROCESSING SYSTEM**



moiré, color fringing and shifting, while also complementing the sensor's improved resolving power.

#### Industry-leading image processing for exceptional color performance

An added benefit of the image sensor's 4-channel output is that it allows the D200 to adopt the advanced image-processing engine of the D2x. Combining color independent pre-conditioning prior to A/D conversion with advanced digital image processing algorithms, it raises the level of precision achieved by a high-performance system LSI processor. As a result, it provides fine color gradations with consistent and smooth transitions, all rendered exceptionally well throughout the selection of available color modes.

## RESPONSE

#### Fast SLR response that's always ready to capture the moment

Instant power-up in just 0.15 seconds, a shutter release time lag of a mere 50 milliseconds, and a shortened viewfinder blackout time of just 105 milliseconds combine with optimized subsystems throughout the D200 to provide fast handling - making it ready to respond to a photographer's instincts. These capabilities better enable the capture of unexpected picture opportunities, and support more confident subject tracking during continuous shooting, all of which combine to offer more assured photographic control.

#### New, highly reliable and highly flexible 11-area AF

The D200 is equipped with a newly developed advanced Multi-CAM 1000 AF Sensor Module offering 11-area AF that ensures consistently fast and precise focus lock under varying shooting conditions, all while adding



diverse and effective new ocus area options. Not only is this system able to use each of its 11 focus areas individually, aiding in

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pinpoint focus on still subjects, but it can also operate as a 7-wide area AF system, offering broad coverage that improves the camera's ability to acquire moving subjects and delivers greater compositional freedom. Lens focus action is controlled by the latest programming algorithms, which further improve system



11-area AF 7 wide-area AF ر، ک شرد م <sup>ٿ</sup>ر ، ع<sup>ر</sup> 

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response, focus precision, as well as subject acquisition and tracking abilities. · Single Area AF is great for picking a single subject out of a scene with multiple elements. Use any one of the 11-area AF or 7 wide-area AF spot sensors individually to achieve sharp results, even when your intended subject is located off center and surrounded by other objects. Assisting operation with easy confirmation, the selected area is indicated within the viewfinder and on the Top Control Panel if desired.

· Dynamic AF used with Continuous servo-AF mode operation helps maintain precise focus should the subject move from its original position - instantly and automatically shifting the selected focus area to correspond to the subject's new location. Closest Subject Priority Dynamic AF can be ideal for portraiture in characteristic settings that include action or complex elements. It automatically identifies the

subject closest to the camera using the 11 sensors, and enables composition that captures the entire scene while keeping the focus emphasis on the closest subject. Group Dynamic AF recognizes patterns

of action in the scene and allocates a group of AF sensors accordingly. Both Dynamic AF and Closest Subject options are also available, enabling the capture of specific moving subjects in a frame that may also contain peripheral activity. Such broad ranging focus capability is well suited to composition situations, such as sports, where the action can be expected to take place in a particular part of the frame but at a speed too fast for focus on a single spot.





5fps high-speed continuous shooting Capture fast action and fleeting expressions with the ability to capture high-resolution images at a rapid 5 frames per second in continuous bursts of up to 22 NEF (RAW) or 37 JPEG (FINE - LARGE) shots\*.

\* When using the SanDisk SDCFX3 (Extreme III)/SDCFH (Ultra II)/ Lexar Media 80X WA 1GB CompactFlash™ card.

#### Shutter speed range to cover every shoot

Shutter speeds from 30 to 1/8,000 second can be selected manually or used in conjunction with automated program modes to provide a range that will match challenging conditions. Additionally, flashsynchronized shutter speeds of up to 1/250 second, and up to 1/8,000 second with Auto FP High Speed Sync, greatly enhance creative exposure flexibility and fill-flash effects.

#### High-speed data processing and handling

4-channel data output from the D200's new DX Format CCD image sensor works with fast image processing to deliver high-speed continuous shooting. These elements also work in conjunction with the high-speed memory buffer and optimized system buses to achieve faster read and write access to CompactFlash™ (CF) cards, while camerato-computer data transfer takes place via the Hi-Speed USB interface.

# Precision exposure metering, broad control over available light, combined with advanced options that expand the creative possibilities

#### METERING

Variations of light are infinite, so Nikon provides you with a selection of meters that enable you to creatively address virtually any lighting condition.

#### Advanced Auto-Exposure system

Nikon's exclusive 3D-Color Matrix Metering II achieves optimum exposure that is able to more precisely determine the position and size of shadow or highlight areas through new technology developed for the Nikon 1,005-pixel RGB Exposure/Color Matrix Metering Sensor. This innovative system evaluates brightness, color, contrast, selected focus area and camera-to-subject



3D-Color Matrix Metering II better adjusts to overc washed-out highlights

distance information, references the results against the expanded onboard database created from over 30,000 actual photographic scenes, and then calculates the final value instantly to deliver consistently dependable exposure, for both automatic and manual operation. This meter is ideally suited for general photography and particularly effective when precious time will not allow you to make manual selections. Nikon's exclusive 3D-Color Matrix Metering II is unequaled in speed, accuracy and efficiency.

 Variable Center-weighted Metering concentrates 75% of sensitivity within the center-weighted circle and the remaining 25% in the surrounding area, enabling more precise results in conditions where lighting differs greatly at the periphery of the shot. This meter is ideally suited for capturing portraits and for high-contrast conditions.

· Spot Metering is an excellent solution when the lighting on your subject is markedly different from that in the rest of the frame. Supporting both the 7 wide-area AF and 11-area AF groups of the new AF system, it provides precise metering by reading a 3mm-diameter area that corresponds to the active AF area, even when using the Dynamic AF modes. This meter is ideally suited for those times when you want more personal control.

#### Exposure modes

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Available exposure modes include [P] Programmed Auto with Flexible Program, [S] Shutter-Priority Auto, [A] Aperture-Priority Auto, and [M] Manual.

[P] Auto Multi Program mode automatically sets both shutter speed and aperture, and includes Flexible Program for swift selection of alternate combinations.

[S] Shutter-Priority Auto offers shutter speed selection from 1/8,000 to 30 seconds. [A] Aperture-Priority Auto allows free selection from among all aperture settings. [M] Manual gives full control over both shutter speed and aperture.

#### Broad ISO sensitivity range

The D200 offers a range of sensitivity broad enough to satisfy your needs throughout diverse lighting conditions. Sensitivity can be set manually between ISO 100 and 1600 in increments of 1/3 EV, or increased to HI-1 settings for those special occasions that call for yet higher sensitivity. Automatic sensitivity adjustment is also available, freeing you to concentrate on composition.

#### **Options for Image Optimization**

A range of easily accessed optimization options produces images tuned to more closely match your intended results. Optimization of sharpening, tone (contrast), color, saturation and hue with choices from Normal, Softer, Vivid, More vivid, Portrait, Custom and Black-and-white Optimization closely tailors results to the scene at hand or the intended use of the image.



Black-and-white Optimization

#### White balance control

The flexible options for matching white balance to the light source of the shot include Advanced Auto white balance, which capably handles most situations, white balance bracketing, a choice of manual settings, including direct selection of Kelvin color temperature and selections for specific lighting situations with fine-tuning (Incandescent, Fluorescent, Direct Sunlight, Flash, Cloudy, and Shade), as well as a preset option for using a gray or white object as a white balance reference.



#### Color mode options

Nikon's advanced color reproduction system optimizes three color modes to best match the specific assignment and workflow environment

- Mode I: renders more natural-looking skin tones in portraits (Color profile:
  - Adobe RGB or sRGB)
- Mode II: realizes a wider color reproduction range for high-quality output with a wider color gamut (Color profile:
- Adobe RGB) Mode III: renders more vivid landscape
  - colors and greenery (Color profile: Adobe RGB or sRGB)

#### Multiple exposure

This creative function enables you to create a single image from up to 10 separate exposures within the camera, producing imaginative results.



#### Image overlay function

Create a composite image in-camera from two selected NEF (RAW) images, taking advantage of precise opacity control for each of the images to achieve your desired result. The original files remain unaffected, and the composite image produced can be saved in either RAW or JPEG format.



GPS (Global Positioning System) support Connect a GPS unit\* using the GPS Adapter Cord (MC-35, optionally available), and record data on latitude, longitude, elevation and UTC (Coordinated Universal Time) directly to the file for each image.

\*Compatible with GPS units that are compliant with the NMEA 0183 (Ver. 2.01) protocol, connectable via 10-pin remote terminal

# Smooth operation and accurate image evaluation with refined mechanisms housed in a rugged, but lightweight body

#### OPERATION

#### Large LCD monitor

The new 2.5-inch high-resolution LCD monitor for the D200 provides an ultra-wide 170° viewing angle covering all directions. Assisting accurate sharpness assessment, the LCD offers image previews at up to 400% magnification, and its RGB histogram display enables greater precision in evaluating exposures.



#### Easy-to-view displays

A new and larger top LCD panel is designed to convey maximum information at a glance, providing easy access to shooting data that ranges from shooting mode, battery condition, card information, gridline display, shutter speed, F stop and number of remaining shots.



#### Improved operation and menus

Menu navigation is made easier with a new color-coded menu display that features a carefully chosen color scheme that's remarkably easy to read, and with instantly intuitive keywords it's even easier to use. There's also a Recent Settings list that further smoothes operation by displaying the last 14 settings selected from the shooting and Custom menus. Playback options include single frame, 4 or 9-image thumbnail display, zoom with scroll, histogram indication and highlight point display.

#### Large viewfinder for bright, comprehensive viewing

The new eye-level optical viewfinder developed for the D200 features large magnification (0.94x) that helps ensure a clear view for precise composition, and builtin diopter adjustment that allows it to be fine-tuned to your eyesight. Furthermore, grids can be displayed without the need to replace the actual screen, adding greater convenience while assisting composition.

#### **RGB Histograms**

RGB histogram functions enable convenient exposure confirmation at a glance. Conventional RGB display represents all three color channels simultaneously, while Selectable RGB allows each color channel to be viewed independently - indicating saturated highlights for the chosen channel to assist adjustment decisions for exposure and white balance.



#### RELIABLE

#### Refined shutter unit blends stability with speed

The double-bladed shutter unit has been thoroughly tested to well over 100,000 cycles, ensuring the highest level of durability and reliability. Employing a refined mirror balance mechanism that completes its motion cycle and reaches a full stop virtually without mirror bounce, it promotes maximum stability and speed as well as smoother AF detection. It also provides the extended viewfinder visibility essential for fast, accurate focus tracking and continuous shooting.

#### Magnesium alloy (Mg) body delivers lightweight durability

With Nikon advanced technologies and mechanisms housed within a rugged, but lightweight magnesium body, the D200 is durable, dependable and ready for the most rigorous of assignments. And, with an



Principal points where sealing protects against drops of water and dust

enhanced sealing system protecting each and every seam, the D200 body offers reassuring resistance to causal moisture and dust.

#### **Rechargeable battery with Fuel** gauge function

The newly developed high-energy EN-EL3e rechargeable lithium-ion battery lets you take approx. 1,800 shots per charge\*. Furthermore, it can be recharged at any time and it even features an accurate realtime Fuel gauge system that displays the percentage of remaining charge, number of shots since last charge and overall status of battery service life.



eved under following test conditions Fully charged EN-EL3e battery; temperature of 20°C/68°F; Zoom-Nikkor AF-S VR 70-200mm f/2.8G IF-ED lens (VR off); continuous shooting mode AF-S VR 70-200mm f/2.8G IF-ED lens (VR off); continuous shooting mode; continuous-servo autofocus; image quality set to JFEG BASIC; image size set to Medium; shutter speed 1/250 second; shutter release pressed halfway for three seconds and focus cycled from infinity to minimum range three times with each shot; monitor turned on for five seconds after six shot and then turned off; cycle repeated once exposure meters have turned off.

### New Multi-Power Battery Pack MB-D200

The ergonomically designed MB-D200 blends extended stability and shooting potential. Running on either six AA-size batteries or two EN-EL3e batteries\*, the battery pack provides

an extra command dial and alternative buttons for shutter release and AF start to facilitate more comfortable shooting in vertical format.

\* Compatible AA-size batteries comprise alkaline, Ni-MH, lithium and nickel-manganese batteries.

#### Wireless Transmitter WT-3\* (optional)

Taking added convenience a step further, the Wireless Transmitter WT-3 provides wireless functionality. Delivering the convenience of IEEE 802.11b/g capability, it enables cable-free image transfer to a compatible computer, with the added safety and versatility of wide-ranging network and security protocols.

\*The WT-3 is sold in countries where governments approve the use of thirteen frequency channels.

#### **10-pin remote connection**

The 10-pin connection terminal offers flexible remote shooting possibilities by enabling use of optional accessories such as the Remote Cord MC-30/MC-36 and Modulite Remote Control Set ML-3.



#### Sync terminal

Accepting all PC-type plug-in flash sync cords, the sync terminal enables computer-based flash control to handle complex lighting with high-level accuracy.

#### PictBridge support

The D200 can be guickly and conveniently connected to any PictBridge-compatible printer for swift, direct printing. The D200 also offers in-camera page setup to make printing easier still and deliver more precise control over the photograph.

# Capture NX (Optional)



Capture NX transforms image editing and processing with dynamic, intuitive control. Empowered with patented U Point<sup>™</sup> technology by Nik Software, it makes complicated procedures obsolete through new selection innovations, makes the application of effects more precise and produces altogether more natural-looking results that are closer to those desired. Equipped with a redesigned interface, visual potential is made easier to explore and smoother to realize. And as Capture NX not only allows photographers to make the very most of Nikon's Electronic Format (NEF) files, but is also compatible with JPEG and TIFF images too, it's simply invaluable for satisfying more diverse photographic objectives. Achieve the images of your imagination with impressive, intuitive Capture NX.

#### NEF Advantage

Capture NX brings out the full potential of NEF to satisfy wide-ranging demands. More than simply comprising the RAW data captured the image sensor, each NEF file also features a thumbnail image as well as an invaluable "Instruction Set" of the original settings from the moment the image was captured. NEF also offers the advantage of non-destructive processing during editing, providing the freedom to create and save unlimited image renditions with complete assurance that the original RAW data is preserved at all times.



Image refined through application of D-Lighting to entire image and use of brush tools and Color Control Points for selective color and contrast enhancements made to sky and water

#### U Point<sup>™</sup> Technology

Capture NX is the only editing software to feature Nik Software's exclusive U Point<sup>™</sup> patented technology - an advance that eradicates many of the complications of conventional editing software to realize a more intuitive, more precise user experience.

#### Color Control Points

Color Control Points can be placed to directly select an area or entire image. The photographer can then choose and use any number of the Color Control Points to modify



hue, brightness, saturation, red, green, blue, warmth and contrast with Capture NX, automatically recognizing and calculating the relationship between all selected points to effect changes in minimal time without the need for complex masking, layering or selections.

#### Black, White and Neutral Control Points

Black, White and Neutral Control Points simplify the setting of dynamic range and correction of color casts, with each point easily dragged to the exact desired location and simple slider control allowing photographers to manipulate the precise degree of adjustment for each point.

#### Red-Eye Reduction

U Point<sup>™</sup> technology also offers the advantage of Red-Eye Reduction Control Points that can be simply placed on the offending eyes to correct the unwanted effect and to make eyes brighter, darker or more radiant as desired.

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· RAW adjustments

When working with images in NEF format, Capture NX gives photographers greater freedom to achieve the desired results enabling manipulation of white balance, color balance, tone curves and noise reduction and the saving of any number of renditions while keeping the original image data intact at all times.

 Three unique tools for lens correction Extending compositional potential and providing further versatility, Capture NX offers a selection of unique tools to correct the unwanted effects sometimes encountered with different lenses. Vignette control can be used to ensure ample exposure extending to all corners of the image. Distortion Control simplifies the eradication of pincushion and barrel distortion effects. And there's also Color Aberration Control that digitally detects any color fringing caused by chromatic differences in lens magnification and corrects it by aligning colors at the edges of images.



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# Control Point:

Software

 Advanced noise reduction Highly effective and especially advantageous at higher ISOs, Capture NX noise reduction employs the latest, most refined Nikon algorithms to remove traces of unwanted noise while retaining even the finest details of the image.

#### · D-Lighting

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D-Lighting can breathe new life into images taken with insufficient exposure or excessive backlight. Offering accurate, yet easy slider control over the relationship between brightness and darkness, it can be used to cleverly keep areas of appropriate exposure exactly as they are while bringing out the detail in areas of shadow or highlight.



#### Edit list

Supporting more intuitive editing and promoting smoother overall workflow, the Capture NX Edit List makes it easy to track, cancel and add new modifications.

- Size
- Brightness Contrast
- Saturation

Control points make it easy to adjust brightness, contrast, saturation, hue, red, green, blue, warmth, and much more.



#### Browser

Featuring a completely redesigned browser, Capture NX makes it even simpler to sort, organize, compare, tag and improve images - enabling simple image selection, swift renaming for series of photographs, easy application of batch processing and more.

#### · Selective tools

Capture NX also simplifies selection of image areas with an array of familiar selective tools such as Brush, Lasso, Marquee, Gradient and Fill/Remove that make it easy to apply more than 25 kinds of enhancement. It also features a useful gradient tool that allows each effect to be applied with the utmost precision.

#### Color management

Workflow management is made significantly more comprehensive through the addition of useful Color Management tools. The ability to convert and assign color profiles, for example, helps ensure colors stay accurate all the way to the final edit. The advantage of the Soft Proof Tool enables on-screen previewing of the colors produced by specific printers. And with the Capture NX print function, profiles can be assigned for the printing of images.

#### Additional tools

Capture NX performance is even further refined through wide-ranging additional features comprising LCH Editor, Image dust off, Straighten, Fisheye-to-Rectilinear Image Transformation, Color Booster and more.

#### Camera Control Pro (optional)

With Camera Control Pro, photographers can remotely control, operate and adjust most settings of the D200. And for a further refinement of workflow, there's also the option to download images directly to the computer's hard disk during shooting.

# ARGENTINA

## The passion of a once-in-a-lifetime experience.

The "Land of Silver" drew many to her shores, good people who built homes, lay down roots, and fully experienced life's successes and disappointments as they blended with the native geography and developed into a unique culture.













•White balance: Auto •ISO sensitivity: 200

Left page, bottom right: BIYI Y OSVALDO, BAR SUR; Buenos Aires, ARGENTINA •Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED •1/20 second, f/4 •White balance: Auto •ISO sensitivity: 200

Right page, top: MIGUEL ANGEL ZOTTO TANGO X 2; Buenos Aires, ARGENTINA -Lens: AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED •1/30 second, f/5.6 •White balance: Auto •ISO sensitivity: 100 Right page, bottom left: Lens: AF Micro-Nikkor 60mm f/2.8D •1/15 second, f/5.6 •White balance: Auto •ISO sensitivity: 200

Right page, bottom right: Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED •1/30 second, f/5.6







Left page, top: Lens: AF DX Fisheye-Nikkor 10.5mm f/2.8G ED +1 second, f/3.2 •White balance: Auto +ISO sensitivity: 100 Left page, bottom left: Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED +6 seconds, f/14 •White balance: Auto +ISO sensitivity: 100 Left page, bottom right: Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED +1/3 second, f/6.3 •White balance: Auto +ISO sensitivity: 100 Right page, upper left: Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED +1 second, f/8 •White balance: Auto +ISO sensitivity: 100 Right page, top right: Lens: AF-S DX VR Zoom-Nikkor 18-200mm f/3.5-5.6G IF-ED +1/250 second, f/1 •White balance: Auto +ISO sensitivity: 100 Right page, middle right: Lens: AF-S DX Zoom-Nikkor 18-200mm f/3.5-5.6G IF-ED +1/60 second, f/13 •White balance: Auto +ISO sensitivity: 100 Right page, bottom: CONFITERIA IDEAL; Buenos Aires, ARGENTINA \*Lens: AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED +1/3 second, f/4.5 •White balance: Auto +ISO sensitivity: 200



















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Left page, top: Lens: AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED +1/13 second, f/4 +White balance: Auto +ISO sensitivity: 200

Left page, bottom left: LA VENTANA TANGO SHOW; Buenos Aires, ARGENTINA •Lens: AF-S VR Zoom-Nikkor 70-200mm t/2.8G IF-ED •1/8 second, t/8 •White balance: Auto •ISO sensitivity: 800

Left page, bottom right: Lens: AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED 1/60 second, f/4 •White balance: Auto •ISO sensitivity: 200

Right page, top: Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED •1/80 second, f/9 •White balance: Auto •ISO sensitivity: 100

Right page, bottom left: LA VENTANA ; Buenos Aires, ARGENTINA +Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED +1/60 second, f/9 •White balance: Cloudy +ISO sensitivity: 100

Right page, bottom right: Lens: AF Micro-Nikkor 60mm f/2.8D •1/80 second, f/2.8 •White balance: Auto •ISO sensitivity: 100











Left page, left column, second from top: Lens: AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED •1/400 second, f/7.1 •White balance: Auto •ISO sensitivity: 100

Left page, top right: ESTANCIA SAN CARLOS; Provincia de La Pampa, ARGENTINA •Lens: AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED •1/50 second, f/5.6 •White balance: Cloudy •ISO sensitivity: 200

Left page, upper middle right: ESTANCIA SAN CARLOS; Provincia de La Pampa, ARGENTINA •Lens: AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED •1/60 second, f/4 •White balance: Auto • ISO sensitivity: 400

Left page, lower middle right: ESTANCIA LA MERCEDES; Provincia de La Pampa, ARGENTINA •Lens: AF Micro-Nikkor 60mm f/2.8D •1/250 second, f/5.6 •White balance: Auto •ISO sensitivity: 100

Left page, bottom: ESTANCIA LA MERCEDES; Provincia de La Pampa, ARGENTINA +Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED •1/125 second, f/8 +White balance: Auto •ISO sensitivity: 100

Right page: ESTANCIA LA MERCEDES; Provincia de La Pampa, ARGENTINA •Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED •1/250 second, f/5.6 •White balance: Auto •ISO sensitivity: 100







#### Nikon Creative Lighting System

The D200 works seamlessly with SB-800, SB-600, SB-400 and SB-R200 Speedlights to deliver the full benefits of i-TTL flash control's advanced monitor pre-flash, accurate measurement for bounce, and robust wireless operation. SB-800 and SB-600 Speedlights also feature a Wide-Area AF-Assist Illuminator tailored to the D200's 11-area Multi-CAM 1000 AF Sensor Module, as well as Auto Zoom flash coverage.





SB-600

SB-900

#### **Built-in Flash**

The built-in flash can be popped up when natural light is inadequate or to add balanced fill flash when backlighting is excessive. Alternatively, it can be used in Commander mode, which provides the photographer with direct control

#### i-TTL flash control

Building on the accuracy of the monitor preflash, the brighter, shorter i-TTL pre-flash enables more precise evaluation of flash exposure to achieve outstanding results born of better automatic flash balance.

over the master and two remote groups.

Advanced Wireless Lighting System

Exclusive technology does away with the need for cables and flash meters to provide you with a totally flexible lighting solution. With the built-in Speedlight or an SB-800 or SU-800 serving as the Master controller,

SB-800, SB-600 or SB-R200 Speedlights can be arranged as you like for total lighting control, with mode settings (i-TTL, AA, A, M, Repeating and Flash cancel) available for each individual group and the Master controller, and full i-TTL control available based not only on general output ratios for each group, but also on subject brightness. As a result, each flash output ratio can be set, even if a remote is repositioned. Flash compensation can also be adjusted on the fly for each group, with settings easily made and confirmed on the Master controller's large dot matrix LCD. There's also a choice of 4 frequency channels to minimize the risk of interference with Speedlights of other photographers.

up to 3 remote groups of any number of

FV (Flash Value) Lock is the flash equivalent of AE Lock, allowing the photographer to change composition while maintaining a desired flash value.



Repeating flash function serves as an excellent advantage for capturing fast-moving subjects.

Modeling Flash fires a one-second (approx.) stroboscopic burst, enabling the photographer to visually check for shadows and reflective objects and assess overall lighting prior to shooting.

AUTO FP High-Speed Sync automatically fires at shutter speeds up to 1/8,000 second - providing ample fill flash that achieves effective background blur, even when shooting in bright conditions.



#### Nikkor lenses

The image guality achieved by any SLR camera system is directly influenced by the quality of the lenses it can accommodate; and none equal the performance and quality of Nikon's AF, AF-S and dedicated DX Nikkor lenses. A solid heritage of producing the finest optics, precision mechanisms, and optimized performance has long earned Nikkor optics the highest praises of photographers.

#### **AF Nikkor lens**

Employing the Nikon F lens mount, the D200 offers seamless compatibility with the broad range of AF and AF-S Nikkor lenses favored by professionals for their superb color, razor-sharp images, and excellent autofocus performance.

#### **DX Nikkor lens**

Designed for use with Nikon digital SLR cameras, DX Nikkor lenses deliver enhanced wide picture angle performance, outstanding edge-to-edge image quality, and designs that are both light and compact. DX Nikkors add to a Nikkor lens assortment of more than 50 superb optics designed to meet any photographic needs.

#### AF-S VR Zoom-Nikkor 70-300mm f/4.5-5.6G IF-ED

An ideal choice for shooting everything from portraits to sports and wildlife, this high-power telephoto zoom lens combines a 4.3x zoom ratio with a range equivalent to 105-450mm in 35mm [135] format when paired with the D200. Nikon's advanced VRII (Vibration Reduction) technology helps minimize the impact of camera shake for sharper handheld pictures at shutter speeds up to 4 stops slower than would otherwise be possible.



#### **Function Compatibility Chart**

Camera setting		Focus mode			Exposure mode		Metering system		
		AF M (with electronic		м	P A		$\mathbf{\Theta}$		۲
Lens/accessory		АГ	range finder)	IVI	S	м	3D	Color	• <sup>3</sup>
	Type G or D AF Nikkor <sup>2</sup>	√	√	$\checkmark$	√	√	$\checkmark$	-	√3
o	AF-S, AF-I Nikkor	v							
CPU	PC-Micro Nikkor 85 mm f/2.8D 4	-	√5	√	-	√6	√	-	√3
e,	AF-S / AF-I Teleconverter 7	√8	√8	√	√	√	√	-	√3
lenses	Other AF Nikkor	√9	√9	$\checkmark$	√	$\checkmark$	-	√	√3
<u> </u>	(except lenses for F3AF)	V-							
	AI-P Nikkor	-	√10	√	√	√	-	√	√3
	AI-, AI-S, or Series E Nikkor <sup>12</sup>		√10	$\checkmark$	-	√13	-	√14	√15
	AI modified Nikkor	-							
z	Medical Nikkor 120 mm f/4	-	√	√	-	√16	-	-	-
Non-CPU lenses	Reflex Nikkor	-	-	√	-	√13	-	_	√15
	PC-Nikkor	-	√5	√	-	√17	_	_	√
Ĕ	AI-type Teleconverter 18	-	√8	√	-	√13	_	√14	√ <sup>15</sup>
ens	TC-16A AF Teleconverter	-	√8	√	-	√13	-	√14	√15
	PB-6 Bellows		√8	√	-	√20	_	-	
=	Focusing Attachment <sup>19</sup>	-							v
	Auto extension rings (PK-series 11A, 12, or 13; PN-11)	-	√8	$\checkmark$	-	√13	-	-	$\checkmark$

When used with the D200 or any DX Format SLR, all AF, AF-S and DX Nikkor lenses offer a picture angle comparable to 1.5x that of a 35mm format.

1 IX Nikkor l

Lens: AF Micro-Nikkor 60mm f/2.8D •1/60 second, f/5.6 White balance: Cloudy ISO sensitivity: 400

Speedlight mode settings: Remote A · Remote B = 1:3 Remote C: Manual 1/16



Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D IF-ED •1/8 second, f/6.3 White balance: Auto ISO sensitivity: 200



Speedlight mode settings: Master (SB-800): Flash canceled, Remote A: Manual, Remote B: Manual Remote C: Manual



es can not be used. 2 Vibration Reduction (VR) supported with VR lenses. 3 Spot focus area. 4 The camera's exposure metering and flash control systems do not work properly when shifting and/or tilting the lens, or when an aperture other than the maximum aperture is used. 5 Electronic range finder can not be used with shifting or tilting. 6 Manual exposure mode only. 7 See teleconverter manual for list of compatible lenses. 8 With maximum shifting of tilting. 6 Manual exposure mode only. 7 See teleconverter manual for list of compatible lenses. 8 With maximum effective aperture of 1/5,6 or faster. 9 If AF 80-200 mm 1/2.8S, AF 35-70 mm 1/2.8S, new-model AF 29-85 mm 1/3.5-4.5S or AF 28-85 mm 1/3.5-4.5S is zoomed in while focusing at minimum range, image on matte screen in viewfinder may not be in focus when in-focus indicator is displayed. Focus manually using image in viewfinder as guide. 10 With maximum aperture of 1/5.6 or faster. 11 Some lenses can not be used. 12 Range of rotation for Ai 80-200 mm 1/2.8S ED tripod mount limited by camera body. Filters can not be exchanged while Ai 200-400 mm 1/4S ED is mounted on camera. 13 If maximum aperture is specified using Non-CPU Lens Data option in shooting menu, aperture value will be displayed in viewfinder and control panel. 14 Can be used only if lens focal length and maximum aperture are specified using Non-CPU Lens Data option in panel. 14 Can be used only if lens tocal length and maximum aperture are specified using Non-CPU Lens Data option in shooting menu. Use spot or center-weighted metering if desired results are not achieved. 15 For improved precision, specify lens focal length and maximum aperture using Non-CPU Lens Data option in shooting menu. 16 Can be used in manual exposure modes at shutter speeds slower than 1/125 s. If maximum aperture is specified using Non-CPU Lens Data option in shooting menu, aperture value will be displayed in viewfinder and control panel. 17 Exposure determined by presetting lens aperture. In aperture-priority auto exposure mode, preset aperture using lens aperture ring before performing AE lock rens apendie in apendie in the provide provide and exposed preset apendie using lens apendie that many exposure before shifting lens. 18 Exposure compensation required when used with AI 28-85 mm f/3.5-4.5S, AI 35-105 mm ring. 20 Use preset taking photograph.

#### PictureProject (Supplied)

PictureProject's intuitive user interface provides fast and easy access to powerful image organizing, creative and effective image editing, designing of album pages and image sharing tools. Connect the camera to a compatible computer to automatically import pictures. Access Mail, Slideshow, CD/DVD burning, Auto Enhance and other creative functions via handy buttons. Organize pictures into collections with simple drag 'n' drop operation, and quickly locate any file by name, keyword, or date. Handy design templates make it easy to produce prints, tailor images to e-mail and layout several images on one page to produce creative album layouts. And with

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support for JPEG, TIFF and NEF file formats, PictureProject serves as an ideal companion to the powerful Nikon Capture 4 feature set. PictureProject is provided complimentary with your purchase of the Nikon D200.

	Windows	Macintosh	
OS	Preinstalled versions of Windows Vista (32bit), Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE)	Mac OS X version 10.1.5 or later (Mac OS X version 10.2.8 or later required for "Burn Disc" function)	
CPU/Model	300 MHz Pentium or better recommended (500 MHz Pentium III or better for muvee option)	Model with built-in USB or FireWire port	
HDD	60MB required for installation		
RAM	64MB or more (128MB or more with RAW images or muvee option)		
Display	isplay 800 x 600 pixels or more with 16-bit color (High Color / thousands of colors) or more		
Others	CD-ROM drive required for installation. Write-capable drive required for "Burn Disc" function.     Internet connection required for some options. E-mail option requires Internet connection and     supported e-mail program.		



Note 1: Data transfer may not work properly if the connection to a computer is via a USB hub.

#### ACCESSORIES

A full array of original Nikon accessories is available to help customize system setups for optimum performance matched to the requirements of the shoot.

 Nikon's EN-EL3e rechargeable lithiumion battery combines high energy capacity, extended life, charge-anytime convenience and the accurate status displays of the new fuel gauge system to maximize efficiency, convenience and field performance.

 The new Multi-Power Battery Pack MB-D200 provides an extra command dial, shutter release and AF start button to facilitate more comfortable shooting in vertical orientation. · Recharging solutions include

the compact and reliable Quick Charger MH-18a, (of which one is included with the D200)

#### Storage media (CF Card, Microdrive™)

The D200 is compatible with CompactFlash™ cards and Microdrive™ media of up to 8GB capacity.

The following cards have been tested and approved for use in the D200: SanDisk Corporation SDCFB 128MB, 256MB, 512MB, 1GB, 2GB, 4GB SDCFB (Type II) 300MB SDCF2B (Type II) 256MB SDCFH (Ultra II) 256MB, 512MB, 1GB, 2GB, 4GB, 8GB SDCFX3 (Extreme III) 1GB, 2GB, 4GB Microdrive<sup>™</sup> 1GB, 2GB, 4GB, 6GB

 Lexar Media Corporation Entry-level CompactFlash cards 128MB, 256MB, 512MB High speed 40× with Write Acceleration (WA) 256MB, 512MB, 1GB Professional 40× with WA 8GB Professional 80× with WA 512MB, 1GB, 2GB, 4GB Professional 80× with WA and LockTight technology 512MB, 2GB

Operation is not guaranteed with other makes of card. For more details on the above cards, please contact the manufacturer.

Built-in Flash Exposure compensation Accessory shoe Control panel Power/ LCD illuminator switch
 Exposure/format mode button Focal plane mark Playback button Menu button Thumbnail button Protect / Help buttor Playback zoom / Red-eye reduction lamp 2 Depth of Field preview button Enter button 2 Tripod socket
 3 LCD Monitor USB connector (under cover) Card slot cover latch Battery chamber cover Video connector (under cover) Battery chamber cover latch DC-in connector (under cover) Memory card slot cover 10-pin remote terminal
 Eyelet for camera strap AF-area mode selector Memory card access lamp Focus selector lock Flash exposure compensation Multi selector Main command dial (AF-ON) lock button AE/AF lock button Metering selector WB (white balance) button Diopter adjustment control QUAL (image quality/size) / Viewfinder eyepiece cup Viewfinder evepiece ISO (ISO sensitivity) button Delete button / Format button Bracketing button

button Shutter-release button

Sub-command dial

AF-assist illuminator

Focus-mode selector

Lens release button

Flash sync mode /

Flash sync terminal

Flash pop-up buttor

Mode dial lock release

button

Mode dial

reset button

Self-timer /

FUNC. button



<sup>\*</sup>Supplied accessories \*\*Non-Nikon products

#### Nikon Digital SLR Camera D200 Specifications

Type of Camera Effective Pixels	Single-lens reflex digital camera
	10.2 million
Image Sensor	RGB CCD, 23.6 x 15.8mm; total pixels: 10.92 million
0	
Image Size (pixels)	3,872 x 2,592 [L], 2,896 x 1,944 [M], 1,936 x 1,296 [S]
Sensitivity	100 to 1600 (ISO equivalent) in steps of 1/3, 1/2 or 1 EV with additional
	settings up to 1 EV over 1600
Storage Media	CompactFlash™ (CF) Card (Type I and II ) and Microdrive™
Storage System	NEF (12-bit uncompressed or compressed RAW)
	JPEG: JPEG baseline-compliant
File System	Exif 2.21, Compliant DCF 2.0 and DPOF
White Balance	Auto (TTL white balance with 1,005-pixel RGB sensor), six manual modes
	with fine-tuning, color temperature setting, preset white balance, white
	balance bracketing possible (2 to 9 frames in increments of 1, 2 or 3)
LCD Monitor	2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness
	adjustment
Disubask Function	
Playback Function	Full frame 2) Thumbnail (4 or 9 segments) 3) Zoom 4) Slideshow 5) RGB
	histogram indication 6) Shooting data 7) Highlight point display 8) Auto
	image rotation
Delete Function	Card format, All photographs delete, Selected photographs delete
Video Output	Can be selected from NTSC and PAL
Interface	Hi-Speed USB (mini-B connector); mass storage and PTP
	connectable; FTP file transfer and PTP/IP camera control/file transfer
	is also available with optional WT-3 (IEEE 802.11b/g); CF card slot
	Type II: supports firmware updates via CF cards
Text Input	
iont input	Up to 36 characters of alphanumeric text input available with LCD monitor
	and multi-selector; stored in Exif header
Compatible Lenses	Refer to page 21
Picture Angle	Equivalent in 35mm [135] format is approx. 1.5 times lens focal length
Viewfinder	Fixed eye-level pentaprism type; built-in diopter adjustment
	(-2.0 to +1.0m <sup>-1</sup> )
Eyepoint	19.5mm (-1.0m <sup>-1</sup> )
Focusing Screen	Type-B BriteView Clear Matte screen Mark II with superimposed focus
5	brackets and On-Demand grid lines
Viewfinder Frame Coverage	Approx. 95% (vertical and horizontal)
	Approx. 0.94x with 50mm lens at infinity; -1.0m <sup>-1</sup>
Viewfinder Information	Focus indications, Metering system, AE/FV lock indicator, Flash sync
	indicator, Shutter speed, Aperture value, Exposure/Exposure
	compensation indicator, ISO sensitivity, Exposure mode, Flash output leve
	compensation, Exposure compensation, Number of remaining exposures
Autofocus	TTL phase detection by Nikon Multi-CAM 1000 autofocus module with
	AF-assist illuminator (approx. 0.5m to 3.0m)
	Detection range: EV -1 to +19 (ISO 100 equivalent, at normal temperature:
	20°C/68°F)
Lens Servo	Instant single-servo AF (S); continuous-servo AF (C); manual (M);
	predictive focus tracking automatically activated according to subject
-	status in continuous-servo AF
Focus Area	Normal: 11 areas; single area or group can be selected; Wide: focus area
	can be selected from 7 areas
AF Area Mode	1) Single Area AF 2) Dynamic Area AF 3) Group Dynamic AF
	<ol> <li>Dynamic area AF with closest subject priority</li> </ol>
	· · · · · ·
Focus Lock	Focus can be locked by pressing shutter-release button halfway
Focus Lock	
	(single-servo AF) or by pressing AE-L/AF-L button
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in
	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame
Exposure Metering System	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used)
Exposure Metering System	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering)
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C)	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering)
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S];
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Motes	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M]
Exposure Metering System Exposure Metering Range (ISO 100, 1/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation Auto Exposure Lock	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV Luminosity locked at detected value with AE-L/AF-L button
Focus Lock Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation Auto Exposure Lock Auto Exposure Bracketing	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation Auto Exposure Lock Auto Exposure Bracketing	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV Luminosity locked at detected value with AE-L/AF-L button
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation Auto Exposure Lock Auto Exposure Bracketing	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering pavailable with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV Luminosity locked at detected value with AE-L/AF-L button 2 to 9 exposures in increments of 1, 2, or 3 1) Single frame shooting mode 2) Continuous low speed (CL) shooting
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation Auto Exposure Lock Auto Exposure Bracketing	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (apot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV Luminosity locked at detected value with AE-L/AF-L button 2 to 9 exposures in increments of 1, 2, or 3 1) Single frame shooting mode 2) Continuous low speed (CL) shooting mode: 1 to 4 frames per second 3) Continuous high-speed shooting mode:
Exposure Metering System Exposure Metering Range (ISO 100, f/1.4 lens, 20°C) Exposure Meter Coupling Exposure Modes Exposure Compensation Auto Exposure Lock	(single-servo AF) or by pressing AE-L/AF-L button Three-mode through-the-lens (TTL) exposure metering 1) 3D Color Matrix Metering II (type G and D lenses); color matrix metering I (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data; metering performed by 1,005-segment RGB sensor 2) Center-weighted: Weight of 75% given to 6, 8, 10, or 13mm dia. circle in center of frame 3) Spot: Meters 3mm dia. circle (about 2.0% of frame) centered on active focus area (on center focus area when non-CPU lens is used) 1) EV 0 to 20 (3D Color Matrix or center-weighted metering) 2) EV 2 to 20 (spot metering) Combined CPU and AI Programmed Auto [P] with flexible program; Shutter-Priority Auto [S]; Aperture Priority Auto [A]; Manual [M] ±5 EV in increments of 1/3, 1/2 or 1 EV Luminosity locked at detected value with AE-L/AF-L button 2 to 9 exposures in increments of 1, 2, or 3

Sync Contact	X-contact only; flash synchronization at up to 1/250 sec.			
Flash Control	1) TTL: TTL flash control by 1,005-pixel RGB sensor			
	Built-in Speedlight: i-TTL balanced fill-flash or standard i-TTL flash (spot			
	metering or mode dial set to [M])			
	SB-800, SB-600, SB-400, or SB-R200: i-TTL balanced fill-flash for digital			
	SLR and standard i-TTL flash for digital SLR			
	2) Auto aperture: Available with SB-800 with CPU lens			
	3) Non-TTL Auto: Available with Speedlights such as SB-800, 80DX, 28DX,			
	28, 27, and 22s			
	4) Range-priority manual; available with SB-800			
Flash Sync Mode	1) Front-curtain Sync (normal sync), 2) Red-eye Reduction, 3) Red-eye			
	Reduction with Slow Sync, 4) Slow Sync, 5) Rear-curtain Sync			
Built-in Speedlight	Manual pop-up with button release			
	Guide number (ISO 100, m): approx. 12 (manual 13)			
Flash Compensation	-3 to +1 EV in increments of 1/3 or 1/2 EV			
Accessory Shoe	Standard ISO hot-shoe contact with safety lock provided			
Sync Terminal	ISO 519 standard terminal			
Self-timer	Electronically controlled timer with 2 to 20 seconds duration			
Depth of Field Preview	When CPU lens is attached, lens aperture can be stopped down to value			
•	selected by user (A and M mode) or value selected by camera (P and S mode)			
Remote Control	Via 10-pin Remote Cord MC-22/30/36 (optional) or Wireless Remote Contro			
	WT-3 (optional)			
GPS	NMEA 0183 (Ver. 2.01) interface standard supported with 9-pin D-sub cable			
	(optional) and GPS Cable MC-35 (optional)			
Power Source	One Rechargeable Li-ion Battery EN-EL3e, MB-D200 battery pack			
	(optional) with one or two rechargeable Nikon EN-EL3e Li-ion batteries			
	or six AA alkaline (LR6), Ni-MH (HR6), lithium (FR6) batteries, or			
	ZR6 nickel-manganese AA batteries, AC Adapter EH-6 (optional)			
Tripod Socket	1/4 in. (ISO 1222)			
Dimensions (W x H x D)	Approx. 147 x 113 x 74mm			
Weight	Approx. 830g without battery, memory card, body cap, or monitor cover			
Supplied Accessories*	Rechargeable Li-ion Battery EN-EL3e, Quick Charger MH-18a,			
	Video Cable, USB Cable UC-E4, Strap, Body cap, Eyepiece Cap DK-5,			
	Rubber Eyecup DK-21, LCD monitor cover BM-6, PictureProject CD-ROM			
Optional Accessories	Wireless Transmitter WT-3, AC Adapter EH-6, Speedlight SB-800/			
	SB-600/SB-400/SB-R200, Capture NX Software			
	For more details, refer to system chart on page 23.			

#### Memory Card Capacity and Image Quality/Size

The following table shows the approximate number of pictures that can be stored on a 1GB card\* at different image quality and settings.

Image Quality	Image Size	File Size	Number of Available Shots*1	Number of Consecutive Shots Available*1 *2
	L*6	Approx.20.7MB	Approx.44 shots	19 shots
RAW (NEF) + JPEG*3*4*5Fine	M* <sup>6</sup>	Approx.18.6MB	Approx.49 shots	19 shots
JFEG ***Fille	S*®	Approx.17.1MB	Approx.55 shots	19 shots
	L*6	Approx.18.3MB	Approx.50 shots	19 shots
RAW (NEF) +	M*6	Approx.17.2MB	Approx.54 shots	19 shots
JPEG*3*4*5Normal	S*6	Approx.16.5MB	Approx.57 shots	19 shots
	L*6	Approx.17.1MB	Approx.55 shots	19 shots
RAW (NEF) +	M* <sup>6</sup>	Approx.16.5MB	Approx.57 shots	19 shots
JPEG*3*4*5Basic	S*®	Approx.16.2MB	Approx.58 shots	19 shots
RAW(NEF)	-	Approx.15.8MB	Approx.60 shots	22 shots
	L	Approx.4.8MB	Approx.167 shots	37 shots
JPEG FINE <sup>*₅</sup>	М	Approx.2.7MB	Approx.294 shots	56 shots
	S	Approx.1.2MB	Approx.650 shots	74 shots
	L	Approx.2.4MB	Approx.332 shots	54 shots
JPEG NORMAL*5	м	Approx.1.4MB	Approx.578 shots	74 shots
	s	Approx.0.63MB	Approx.1.2K shots	76 shots
	L	Approx.1.2MB	Approx.650 shots	57 shots
JPEG BASIC*3	М	Approx.0.7MB	Approx.1.1K shots	75 shots
	S	Approx.0.33MB	Approx.2.2K shots	76 shots

All figures are approximate. File size varies with scene recorded and make of memory card.
 \*. All sigures are approximate. File size varies with scene recorded and make of memory card.
 \*. Maximum number of frames that can be stored in memory buffer at ISO 100. Capacity of memory buffer will drop if noise reduction is on.
 \*. Total for NEF and JPEG images.
 \*. Figures assume Raw Compression is set to NEF (RAW). Selecting Comp. NEF (RAW) decreases file size of NEF (RAW) images by approximately forty to fifty percent; although camera displays do not change, actual number of images and buffer capacity increase.
 \*. Figures assume JPEG compression is set to Fixed Size. Selecting Optimal Quality increases file size of JPEG images by up to eighty percent; number of images and buffer capacity drop accordingly.
 \*. Applies to JPEG images only. Size of NEF (RAW) images can not be changed.

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Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. April 2007 © 2005-7 NIKON CORPORATION

# WARNING

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

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