• The next evolution of Nikon's scene-optimized Digital Vari-Program modes produces great results for the intended shot, while freeing you to concentrate on the moment. New “Child” mode makes it easier to take memorable pictures of the little ones with the right amount of vivid color and contrast straight from the camera.

• 6.1 effective megapixel Nikon DX Format CCD image sensor delivers vivid color and sharp detail with high resolution for great pictures and enlargements.

• High-performance digital processing employs exclusive Nikon technology to render vivid color and clear details with all the speed necessary to freely capture those precious moments as they unfold.

• Refined 5-area autofocus system features speed, precision, and broad frame coverage, as well as an automatic AF illuminator that maximizes performance and shooting ease in low light.

• Continuous shooting at 2.5 frames per second combines with shutter speeds from 30 to 1/4,000 sec. and flash sync speeds up to 1/500 sec. to provide shooting capability available only with an SLR camera.

• 3D Color Matrix Metering II automatically compares each scene to a large onboard database of scenes from actual photography to ensure accurate exposure control in all types of lighting situations.

• From the compact and lightweight design that makes it easy to carry everywhere to its inviting body contours and easily accessible controls, the D50 makes picture taking satisfying and fun.

• Large 2.0-inch LCD provides immediate feedback when viewing images and aids smooth operation with a new easy-to-view, easy-to-understand menu design and instructive help dialogs.

• The long-life rechargeable lithium-ion battery lets you shoot as many as 2,000 images per charge for extended shooting freedom that doesn’t add extra weight to your kit.
Nikon Digital SLR Camera D50 Specifications

**Type of Camera**
Single-lens reflex digital camera

**Effective Pixels**
6.1 million

**Image Sensor**
RGB CCD, 23.7 x 16.8mm; total pixels: 6.24 million

**Image Size (pixels)**
3,008 x 2,000 [L], 2,566 x 1,496 [M], 1,504 x 1,000 [S]

**Sensitivity**
200 to 1600 (ISO equivalent) in steps of 1/3 EV

**Storage Media**
SD Memory card

**Storage System**
Compressed NEF (RAW); 12-bit compression, JPEG; JPEG baseline-compliant

**File System**
Exif 2.1, Compliant DCIF 2.0 and DPOF

**Storage (Number of frames per 256MB SD Memory)**
RAW approx. 33, FINI approx. 70

**Card, image size (L)**
NORMAL approx. 137, BASIC approx. 258, RAW & BASIC approx. 29

**White Balance**
Auto (TTL white balance with 420-pixel RGB sensor), six manual modes, preset white balance, white balance bracketing possible

**LCD Monitor**
2.0-in, 130,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment

**Playback Function**
1) frame: Thumbnail (4 or 9 segments); Magnifying playback, Slide show, Histogram indication; Highlight point display, Auto image rotation

**Delete Function**
Card format, All frames delete, Selected frames delete

**Video Output**
Can be selected from NTSC and PAL

**Interface**
USB 2.0 (Hi-Speed)

**Viewfinder**
Type: BriteView View Clear Matte screen Mark V with superimposed focus brackets
Viewfinder Magnification: Approx. 0.75x with 50mm lens at infinity; -1.0m⁻¹

**Viewfinder Information**
Focus indications, AE/AV lock indicator, Shutter speed, Aperture value, Exposure/Exposure compensation indicator, Flash output level compensation, Exposure compensation, Number of remaining exposures, Flash-ready indicator

**Auto Focus**
TTL phase detection by Nikon Multi-CAM900 autofocus module with AF-assist illuminator (approx. 0.5m to 3m) Detection range: EV -1 to +19 (ISO 100 equivalent, at normal temperature: 68°F/20°C)

**Lens Servo**
1) Autofocus (AF-A): Auto-Servo AF; camera automatically chooses single-servo AF (AF-S) or continuous-servo AF (AF-C); predictive focus tracking automatically activated according to subject status
2) AF-S
3) AF-C
4) Manual focus (M)

**Focus Area**
Can be selected from 5 focus areas

**AF Mode Area**
1) Single Area AF, 2) Dynamic Area AF
3) Closed Subject Priority Dynamic Area AF

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

**Exposure Metering System**
TTL full-aperture exposure metering system
1) 3D Color Matrix Metering II with 420-pixel RGB sensor
2) Center-weighted: Weight of 75% (8mm dia. circle)
3) Spot: Meters 3.5mm dia. circle (about 2.5% of frame)

**Nikon Lenses & Speedlights**

**New AF-S DX Zoom-Nikkor**
19-55mm f/3.5-5.6 ED

**New AF-S DX Zoom-Nikkor**
55-200mm f/4-5.6 ED

**Speedlight**
SB-600

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**Support for Nikon's Total Imaging System includes compatibility with a wide variety of high-quality Nikon lenses and the Speedlights SB-800 or SB-600 of Nikon's Creative Lighting System.**

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

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