Performance Concentrated

- 16.2 effective megapixels with the newly developed Nikon DX-format CMOS image sensor
- New image-processing engine EXPEED 2 achieves higher image quality, higher-speed processing and multiple functions, with lower energy consumption
- ISO sensitivity range from 100 to 6400 at normal setting; can be set to Hi 2 (ISO 25600 equivalent)
- Newly developed AF system featuring 39 focus points including 9 cross-type sensors in the center
- New 2,016-pixel RGB sensor delivers more accurate control of metering and features the Scene Recognition System

- Full HD (1080p) D-Movie provides further improved image quality and operability with stereo sound recording capability*
- Viewfinder with approx. 100% frame coverage and approx. 0.94x magnification
- High durability with magnesium alloy top and rear covers
- Double SD card slots, SDXC compatible
- Dedicated Multi-Power Battery Pack MB-D11 (optional) that employs magnesium alloy for the exterior cover enables seamless switching of power supply with the in-camera battery

* With optional external microphone
Nikon Digital SLR Camera D7000 Specifications

Type of camera Single-lens reflex digital camera
Lens mount NIKKOR mount (with AF coupling and AF contacts)
Effective angle of view Approx. 1.5 x less focal length (Nikon DX format)
Effective pixels 16.2 million
Image sensor 23.6 x 15.6 mm CMOS sensor: total pixels: 16.9 million
Dust-reduction system Image Sensor Cleaning, Image Dust Off reference data (optional Capture NX 2 software required)
Image size (pixels) 4,928 x 3,264, 3,696 x 2,448, 2,464 x 1,632 (2)
file format NEF (RAW): 12 or 14 bit, lossless compressed or compressed JPEG: JPEG-Baseline compliant with fine (approx. 1:4), normal (approx. 1:8) or basic (approx. 1:16) quality setting (Size priority); Optional NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Picture Control System Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, selected Picture Control can be modified; storage for custom Picture Controls
Storage media Secure Digital (SD), SDHC and SDXC memory cards
• NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
Focus point Can be selected from 39 or 11 focus points
Eye point 19.5 mm (-1.0 m
Focusing screen Type B BriteView Clear Matte screen Mark II with AF area brackets (framing grid can be displayed)
Exposure metering TTL exposure metering using 2,016-pixel RGB sensor
Remote release mode Delayed remote, quick-response remote, remote mirror-up
Self-timer 2 s, 5 s, 10 s, 20 s; 1 to 9 exposures at intervals of 0.5, 1, 2, or 3 s
Flash sync speed X = 1/250 s; synchronizes with shutter at 1/320 s or slower (flash range drops at speeds between 1/250 and 1/320 s)
Shutter type Electronically-controlled vertical-travel focal-plane shutter
Electronic rangefinder can be used if maximum aperture is f/5.6 or faster
Frame coverage Approx. 100% horizontal and 100% vertical
Storage media SD (Secure Digital), SDHC and SDXC memory cards
• NEF (RAW) + JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats
File format • NEF (RAW): 12 or 14 bit, lossless compressed or compressed Image size (pixels) 4,928 × 3,264 [L], 3,696 × 2,448 [M], 2,464 × 1,632 [S]
Effective pixels 16.2 million
Effective angle of view Approx. 1.5 × lens focal length (Nikon DX format)
Lens mount Nikon F mount (with AF coupling and AF contacts)
Printed in Japan  Code No. 6CE10095 (1009/A)K

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. September 2010 ©2010 Nikon Corporation

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