



At the heart of the image™

TOTAL PROFESSIONAL IMAGING MACHINE



**D4™ REDEFINING EXPECTATIONS
ASTONISH WITH EVERY ASSIGNMENT**

D4™ for the PHOTOGRAPHER

Light metering without peer

Get accurately metered exposures in any kind of light using Nikon's first 91,000-pixel RGB 3D Color Matrix Meter III

Nikon FX-format (36 x 23.9mm) CMOS Sensor with 16.2 effective megapixels

Capture ultra detailed still photos with a wide dynamic range and low noise throughout the ISO range and HD video using D4's 16.2 MP FX-format CMOS sensor and EXPEED 3 image processing

Illuminated buttons for low light shooting

Power switch illuminates the operation buttons and release mode dials for clear visibility in the dark.

Immediate and precise image confirmation and viewing

3.2-inch 921,000-dot LCD with ambient brightness sensor automatically adjusts LCD visibility according to environment for bright, crisp image playback, menu adjustment and Live View shooting. Enlarge Live View image up to 46X to make on the spot focus confirmation – crucial for high resolution shooting

Quick access Live View for video and photography

Direct access Live View button to easily confirm exposure, white balance, monitor hue, histogram, focus mode, AF area mode and focusing accuracy as well as overall scene composition.

Shoot under varying lighting conditions with extremely low noise

Wide ISO range from 100 to 12,800, can be set as low as ISO 50 or as high as ISO 204,800.

10 frames per second continuous shooting in FX-format for up to 200 frames

Boost the frame rate up to 11 fps in FX format, locking focus and exposure on the position detected in the first frame.

51 AF points for sharper, faster detection

51 AF points delivers fast and accurate AF detection; 15 cross-type sensors in the center detect contrast for both vertical and horizontal lines for lenses f/5.6 or faster; The five central points and three points to the left and right of them in the middle line are compatible with f/8.

AF Mode Selector Switch / Button

Designed to make AF mode selection faster, D4 adopts the same AF selection control as the acclaimed D7000

Fast AF point selection

D4 incorporates a joystick sub-selector that's more responsive to your finger's touch positioned for optimal control during both horizontal and vertical shooting.



STILL PHOTOGRAPHY SPECIFICATIONS

Effective Pixels: 16.2 million

Image Sensor: 36.0 x 23.9 mm CMOS sensor (Nikon FX format)

Image Size (Pixels):

- FX (36 x 24) image area: 4,928 x 3,280 (L), 3,696 x 2,456 (M), 2,464 x 1,640 (S)
- 1.2x (30 x 20) image area: 4,096 x 2,720 (L), 3,072 x 2,040 (M), 2,048 x 1,360 (S)
- DX (24 x 16) image area: 3,200 x 2,128 (L), 2,400 x 1,592 (M), 1,600 x 1,064 (S)
- 5 : 4 (30 x 24) image area: 4,096 x 3,280 (L), 3,072 x 2,456 (M), 2,048 x 1,640 (S)
- FX-format photographs taken in movie live view (16:9): 4,928 x 2,768 (L), 3,696 x 2,072 (M), 2,464 x 1,384 (S)
- DX-format photographs taken in movie live view (16:9): 3,200 x 1,792 (L), 2,400 x 1,344 (M), 1,600 x 896 (S)
- FX-format photographs taken in movie live view (3:2): 4,928 x 3,280 (L), 3,696 x 2,456 (M), 2,464 x 1,640 (S)
- DX-format photographs taken in movie live view (3:2): 3,200 x 2,128 (L), 2,400 x 1,592 (M), 1,600 x 1,064 (S)

Note: A DX-based format is used for photographs taken using the DX (24 x 16) 1.5x image area; an FX-based format is used for all other photographs.

LCD Monitor: approx. 921k-dot (VGA) TFT LCD with 170 degree viewing angle, approximately 100% frame coverage, and automatic monitor brightness control using ambient brightness sensor

File Format: NEF (RAW); 12 or 14 bit, lossless compressed, compressed, or uncompressed, TIFF (RGB), JPEG;

JPEG-Baseline compliant with fine (approx. 1 : 4), normal (approx. 1 : 8), or basic (approx. 1 : 16) compression (Size priority); Optimal quality compression available, NEF (RAW)+JPEG: Single photograph recorded in both NEF (RAW) and JPEG formats

ISO Sensitivity: ISO 100 - 12800 in steps of 1/3, 1/2, or 1 EV. Can also be set to approx. 0.3, 0.5, 0.7, or 1 EV (ISO 50 equivalent) below ISO 100 or to approx. 0.3, 0.5, 0.7, 1, 2, 3, or 4 EV (ISO 204800 equivalent) above ISO 12800; auto ISO sensitivity control available

Light Meters: • Matrix: 3D color matrix metering III (type G and D lenses); color matrix metering III (other CPU lenses); color matrix metering available with non-CPU lenses if user provides lens data • Center-weighted: Weight of 75% given to 12 mm circle in center of frame. Diameter of circle can be changed to 8, 15, or 20 mm, or weighting can be based on average of entire frame (non-CPU lenses use 12-mm circle or average of entire frame) • Spot: Meters 4 mm circle (about 1.5% of frame) centered on selected focus point (on center focus point when non-CPU lens XQD is used)

Storage Media: XQD and Type I CompactFlash memory cards (UDMA compliant)

Weight: Approx. 1340 g (2 lb. 15.3 oz.) with battery and XQD memory card but without body cap and accessory shoe cover; approx. 1180 g/2 lb. 9.6 oz. (camera body only)

Product Number: 25482

D4™ for the VIDEOGRAPHER

Broadcast quality video and outstanding control

16.2MP FX-format CMOS sensor delivers true 1080p broadcast quality video at 30 or 24fps. Large sensor combined with NIKKOR lens selection produces "movie" like shallow depth-of field.

Full Manual Control

Set shutter speed, aperture and ISO independently.

View simultaneous Live View output on external monitors and record uncompressed video

Through HDMI connection, confirm video recording on the camera's LCD and (optional) external monitor simultaneously; records uncompressed footage directly from the image sensor onto an external digital-video recording device.

Custom tailored tone and color

Direct access to Picture Controls lets you define the look and feel of video

View peak audio meters on the LCD screen and manually adjust sound levels

Record and listen to stereo sound controlled manually in 20 incremental steps with peak audio monitoring on the LCD; use headphones via the built-in headphone jack.

Record HD video under varying lighting conditions with extremely low noise

Wide ISO range from 200-12,800, can be set as high as 204,800.

Remotely start and stop video

Using the standard 10-pin connector port allows the use of Nikon 10-pin wired and wireless remote accessories.

Reduced false colors and moiré

Optimized Optical Low Pass Filter (OLPF) retains maximum sharpness while recording HD video.

Comprehensive video focusing modes

Full Time AF, Face Priority AF, Subject Tracking and Manual Focus.

Power Aperture Control

Customize both the preview and function buttons to power open/close the lens aperture smoothly for Live View and direct HDMI-out recording.

Quick access Live View for video

Direct access Live View button to easily confirm exposure, white balance, monitor hue, histogram, focus mode, AF area mode and focusing accuracy as well as overall scene composition.

Creative Movie Making Freedom

Record video in FX, DX or 2.7X Crop at Full 1080p and 16:9 aspect ratio



VIDEO SPECIFICATIONS

Effective Pixels: 16.2 million

Image Sensor: 36.0 x 23.9 mm CMOS sensor (Nikon FX format)

LCD Monitor: approx. 921k-dot (VGA) TFT LCD with 170 ° viewing angle, approximately 100% frame coverage, and automatic monitor brightness control using ambient brightness sensor

Full HD D-Movie: • 1,920 x 1,080; 30 p (progressive), 25 p, 24 p • 1,280 x 720; 60 p, 50 p, 30 p, 25 p
Actual frame rates for 60 p, 50 p, 30 p, 25 p, and 24 p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; options support both high and normal image quality

Video File Format: MOV

Video Compression: H.264/MPEG-4 Advanced Video Coding

Audio Recording: Built-in monaural or external stereo microphone; sensitivity adjustable

Headphone Jack: Yes

Audio Monitoring: 20 level audio monitoring set via camera, audio level indicators visible on LCD and can be confirmed before and during video recording

Live View: Video: Can select shooting mode, exposure mode (including manual), white balance, Picture Control, Focus Mode

Video: Other Features: • Choose start/end point • Create a copy from which the opening or closing footage has been removed • Save selected frame • Save a selected frame as a Time Lapse JPEG still • 10-pin remote terminal • Can be used for Nikon remote accessories to start and stop video

Custom Settings: Video: Assign FN Button: Power Aperture, Index Marking, View shooting photo info, None • Assign Shutter Button: Take Photos, Record Movies

Storage Media: XQD and Type I CompactFlash memory cards (UDMA compliant)

Weight: Approx. 1340 g (2 lb. 15.3 oz.) with battery and XQD memory card but without body cap and accessory shoe cover; approx. 1180 g/2 lb. 9.6 oz. (camera body only)

Product Number: 25482

Expand Your D4 System

LET OUR COLLECTION OF D-SLR ACCESSORIES INSPIRE YOUR CREATIVITY



* Supplied accessories
 ** Non-Nikon products
 † When a movie with sound recorded in stereo using an optional ME-1 Stereo Microphone is viewed on a television connected to the camera via an audio video cable, the audio output is monaural. HDMI connections support stereo output.



Nikon Speedlights
 Leverage the full power of the Nikon Creative Lighting System with the added power and versatility offered by Nikon Speedlights.

NIKKOR Lenses
 Nikon offers a stunning variety of NIKKOR lenses, each of which consistently delivers exceptional images and all of which incorporate groundbreaking Nikon innovations. The D4 and the extensive line of NIKKOR lenses are available to express your photographic and cinematic vision.



65 million NIKKOR



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Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. January 2012

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