Nikon D5600

**Tech Specs**

**Type**: Single-lens reflex digital camera  
**Lens mount**: Nikon F mount (with AF contacts)  
**Effective angle of view**: Nikon DX format; focal length equivalent to approx. 1.5x that of lenses with FX format angle of view  
**Image sensor**: DX, CMOS, 23.5 mm x 15.6 mm  
**Total pixels**: 24.78 million  
**Dust-reduction system**: Image sensor cleaning, Image Dust Off reference data (Capture NX-D software required)  
**Effective pixels**: 24.2 million  
**Image size (pixels)**: (L) 6000 x 4000, (M) 4496 x 3000, (S) 2992 x 2000  
**Storage file formats**: NEF (RAW): 12- or 14 bit, compressed, 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  
**Picture Control System**: Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Flat; selected Picture Control can be modified; storage for custom Picture Controls  
**Storage media**: SD, SDHC (UHS-I compliant), SDXC (UHS-I compliant)  
**Card slot**: 1 Secure Digital (SD) card  
**File system**: DCF 2.0, Exif 2.3, PictBridge  
**Viewfinder**: Eye-level pentamirror single-lens reflex viewfinder  
**Frame coverage**: Approx. 95% horizontal and 95% vertical  
**Magnification**: Approx. 0.82x (50 mm f/1.4 lens at infinity, –1.0 m-1)  
**Eyepoint**: 17 mm (–1.0 m-1; from center surface of viewfinder eyepiece lens)  
**Diopter adjustment**: -1.7 to +0.5 m-1  
**Focusing screen**: Type B BriteView Clear Matte Mark VII screen  
**Reflex mirror**: Quick return  
**Lens aperture**: Instant return, electronically controlled  
**Shutter type**: Electronically-controlled vertical-travel focal-plane shutter
Shutter speed: 1/4000 to 30 s, in steps of 1/3 or 1/2 EV; Bulb; Time
Flash sync speed: X = 1/200 s; synchronizes with shutter at 1/200 s or slower
Release mode: S (single frame), CL (continuous low speed), CH (continuous high speed), Q (quiet shutter-release), Self-timer; interval timer photography supported
Frame advance rate: Up to 5 fps, CL: Up to 3 fps CH: Up to 5 fps (JPEG and 12-bit NEF/RAW) or 4 fps (14-bit NEF/RAW). Note: Frame rates assume continuous-servo AF, manual or shutter-priority auto exposure, a shutter speed of 1/250 s or faster, Release selected for Custom Setting a1 (AF-C priority selection), and other settings at default values.
Self-timer: 2 s, 5 s, 10 s, 20 s; 1 to 9 exposures
Exposure metering: TTL exposure metering using 2016-pixel RGB sensor
Metering method: Matrix metering: 3D color matrix metering II (type G, E, and D lenses); color matrix metering II (other CPU lenses). Center-weighted metering: Weight of 75% given to 8-mm circle in center of frame. Spot metering: Meters 3.5-mm circle (about 2.5% of frame) centered on selected focus point
Metering range (ISO 100, f/1.4 lens, 20 °C/68 °F): Matrix or center-weighted metering: 0–20 EV. Spot metering: 2–20 EV
Exposure meter coupling: CPU
Mode: Auto modes (auto; auto, flash off); programmed auto with flexible program (P); shutter-priority auto (S); aperture-priority auto (A); manual (M); scene modes (portrait; landscape; child; sports; close up; night portrait; night landscape; party/indoor; beach/snow; sunset; dusk/dawn; pet portrait; candlelight; blossom; autumn colors; food); special effects modes (night vision; super vivid; pop; photo illustration; toy camera effect; miniature effect; selectable color; silhouette; high key; low key)
Exposure compensation: Can be adjusted by –5 to +5 EV, in steps of 1/3 or 1/2 EV, in P, S, A, M, SCENE, and night vision modes
Exposure lock: Luminosity locked at detected value with AE-L/AF-L button
ISO sensitivity: ISO 100 to 25600, in steps of 1/3 EV, Auto ISO sensitivity control available
Active D-Lighting: Auto, Extra high, High, Normal, Low, Off
Autofocus: Nikon Multi-CAM 4800DX autofocus sensor module with TTL phase detection, 39 focus points (including 9 cross-type sensors), and AF-assist illuminator (range approx. 0.5 to 3 m/1 ft 8 in. to 9 ft 10 in.). Autofocus is available with AF-S, AF-P, and AF-I lenses.
Detection range: –1 to +19 EV (ISO 100, 20 °C/68 °F)
Lens servo: Single-servo AF (AF-S), 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 rangefinder can be used
Focus points: 39, can be selected from 39 or 11 focus points
AF-area mode: Single-point AF, 9-, 21-, or 39-point dynamic-area AF, 3D-tracking, auto-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
Built-in flash: Auto, portrait, child, close up, night portrait, party/indoor, pet portrait, super vivid, pop, photo illustration, toy camera effect: Auto flash with auto pop-up P, S, A, M, food: Manual pop-up with button release
Guide Number: Approx. 12/39, 12/39 with manual flash (m/ft, ISO 100, 20 °C/68 °F)
Flash control: TTL: i-TTL flash control using 2016-pixel RGB sensor is available with built-in flash; i-TTL balanced fill-flash for digital SLR is used with matrix and center-weighted metering, standard i-TTL flash for digital SLR with spot metering
Flash modes: Auto, auto with red-eye reduction, auto slow sync, auto slow sync with red-eye reduction, fill-flash, red-eye reduction, slow sync, slow sync with red-eye reduction, rear-curtain sync with slow sync, rear-curtain sync, off
Flash compensation: -3 to +1 EV in steps of 1/3 or 1/2 EV, in P, S, A, M, and SCENE modes
Flash-ready indicator: Lights when built-in flash or optional flash unit is fully charged; blinks 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: Nikon CLS supported
Sync terminal: AS-15 sync terminal adapter (available separately)
White balance: Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine-tuning.
Bracketing types: Exposure, White balance, ADL
Live view - lens servo
Autofocus (AF): Single-servo AF (AF-S), full-time-servo AF (AF-F); Manual focus (MF)
Live view - AF-area mode
Face-priority AF, Wide-area AF, Normal-area AF, Subject-tracking AF
Live view - autofocus
Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected)
Live View - automatic scene selection
Available in auto and auto flash off modes
Movie - metering
TTL exposure metering using main image sensor
Movie - metering method
Matrix
Movie - frame size (pixels) and frame rate: 1920 x 1080; 60p (progressive), 50p, 30p, 25p, 24p; 1280 x 720; 60p, 50p, actual frame rates for 60p, 50p, 30p, 25p, and 24p are 59.94, 50, 29.97, 25, and 23.976 fps respectively; options support both high and normal image quality
Movie - file format: MOV
Movie - video compression: H.264/MPEG-4 Advanced Video Coding
Movie - audio recording format: Linear PCM
Movie - audio recording device: Built-in or external stereo microphone; sensitivity adjustable
Movie - ISO sensitivity: ISO 100 to 25600
Other options: Time-lapse movies
Monitor: 8.1 cm (3.2–in.) diagonal; TFT vari-angle LCD touch screen with 170 ° viewing angle, approx. 100% frame coverage, brightness adjustment, and eye-sensor controlled on/off; Approx. 1037k-dot (720 x 480 x 3 = 1,036,800 dots)
Playback: Full-frame and thumbnail (4, 12, or 80 images or calendar) playback with playback zoom, playback zoom cropping, playback face zoom, movie playback, photo and/or movie slide shows, histogram display, highlights, photo information, location data display, auto image rotation, picture rating, and image comment (up to 36 characters)
USB: Hi-Speed USB, with Micro-USB connector; connection to built-in USB port is recommended
HDMI output: Type C HDMI connector
Audio input: Stereo mini-pin jack (3.5 mm diameter); supports optional ME-1 stereo microphones
Wi-Fi (Wireless LAN) standards: IEEE 802.11b, IEEE 802.11g
Wi-Fi (Wireless LAN) operating frequency: 2.412 to 2.462 MHz (channels 1 to 11)
Wi-Fi (Wireless LAN) security: Authentication: Open system, WPA2-PSK
Wi-Fi (Wireless LAN) range (line of sight): Approximately 10 m (32 ft) without interference; range may vary with signal strength and presence or absence of obstacles
NFC - Operation: NFC Forum Type 3 Tag
Bluetooth standards: Bluetooth Specification Version 4.1
Supported languages: Arabic, Bengali, Bulgarian, Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Marathi, Norwegian, Persian, Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian, Spanish, Swedish, Tamil, Telugu, Thai, Turkish, Ukrainian, Vietnamese
Battery: One EN-EL14a rechargeable Li-ion battery
AC adapter: EH-5b AC adapter; requires EP-5A power connector (available separately)
Tripod socket: 1/4–in. (ISO 1222)
Dimensions (W x H x D): Approx. 124 x 97 x 70 mm (4.9 x 3.9 x 2.8 in.)
Weight: Approx. 465 g (1 lb 0.4 oz), with battery and memory card but without body cap; approx. 415 g/14.7 oz (camera body only)
Operating environment – temperature: Temperature: 0 °C to 40 °C (+32 °F to 104 °F)
Operating environment – humidity: Humidity: 85% or less (no condensation)
Supplied accessories: DK-25 rubber eyecup, BF-1B body cap, EN-EL14a rechargeable Li-ion battery (with terminal cover), AN-DC3 strap, MH-24 battery charger (plug adapter supplied in countries or regions where required; shape depends on country of sale)
Unless otherwise stated, all measurements are performed in conformity with Camera and Imaging Products Association (CIPA) standards or guidelines.
- All figures are for a camera with a fully-charged battery.
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