



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON D300S. You'll find the answers to all your questions on the NIKON D300S in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NIKON D300S  
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**D300S: On Assignment**



**"The D300S is a persuasive reason to make the jump into multimedia."**

After using the D300S for a month, it has changed the way I view the craft of photography.

I put this camera to the test in India's Thar Desert, with blistering temperatures and high winds driving hot sand that can destroy a camera. Thankfully, the D300S body is well sealed and it worked impeccably throughout.

What has me most excited about the camera is its superior video. I love the ease with which I can switch between still images and D-Movie. I had tried other cameras with video functions, but the D300S offers major quality differences that allow me to create high-end multimedia pieces. And I am able to use the great NIKKOR lenses I already have, for gorgeous options.

The D300S is a very persuasive reason to make the jump into multimedia.

**Ami Vitale**  
Photographer  
(U.S.A.)



**"The best autofocus I've ever experienced."**

This is the ideal outdoor camera — for both landscapes and action shots. For sports and action, it is the autofocus combined with high-speed continuous shooting that stands out. In fact, I would say that the D300S delivers the best autofocus I have ever experienced. And for travel and outdoor shooting, it's the lightweight, practical size and rugged overall build that really shine.

The DX format, with an effective picture angle equivalent to 1.5x the lens focal length, offers a big advantage for distance shooting. And the new AF-S DX NIKKOR 10.24mm f/5.6-4.5G ED lens me capture extreme wide-angle images too.

The enhanced D-Movie feature is another great addition. I was able to film fascinating bird sequences, from extreme wide to long telephoto, all with high-quality stereo recordings.

It is a camera that lets me do everything.

**Robert Bösch**  
Outdoorsports photographer  
(Switzerland)



**D300s**

**50**  
YEARS OF EXCELLENCE

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. July 2009 ©2009 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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**Manual abstract:**

"After using the D300S for a month, it has changed the way I view the craft of photography. I put this camera to the test in India's Thar Desert, with blistering temperatures and high winds driving hot sand that can destroy a camera. Thankfully, the D300S body is well sealed and it worked impeccably throughout. What has me most excited about the camera is its superior video. @@@@For sports and action, it is the autofocus combined with high-speed continuous shooting that stands out; in fact, I would say that the D300S delivers the best autofocus I have ever experienced. And for travel and outdoor shooting, it's the lightweight, practical size and rugged overall build that really shine. The DX format, with an effective picture angle equivalent to 1.5x the lens focal length, offers a big advantage for distance shooting. And the new AF-S DX NIKKOR 10-24mm f/3.5-4.

5G ED lets me capture extreme wide-angle images too. The enhanced D-Movie feature is another great addition. I was able to film fascinating band sequences, from extreme wide to long telephoto, all with high-quality stereo recordings. It is a camera that lets me do everything. Ami Vitale Photojournalist (U.

S.A.) Robert Bösch Outdoor/sports photographer (Switzerland) Printed in Holland Code No. 6CE90050 (0907/A) K Introducing the D300S, Nikon's remarkably creative DX-format digital-SLR flagship. Designed for professionals and other serious photographers who require an extra measure of agility, the D300S delivers phenomenal speed from its smart, responsive body.

Its rugged performance inspires confidence in extreme environments. And when multimedia is part of your plan, the D300S's HD video capabilities, with stereo recording, \* are at your fingertips. On top of it all, you can choose from an unrivaled lineup of world-famous NIKKOR lenses and Nikon's Total Imaging System. With all this creative potential available, just imagine what you'll achieve. The D300S. A new level of creativity, at your command. \* With optional external microphone. Approx. 7 frames-per-second continuous shooting D-Movie with stereo microphone terminal 51-point AF system for comprehensive frame coverage Approx. 100% viewfinder frame coverage 12.

3 effective megapixels with EXPEED image processing Shutter durability tested for 150,000 cycles Dual card slots for CF/SD memory cards Magnesium alloy body with anti-dust and moisture sealing More reach when you need it 4 · Lens: AF-S VR Zoom-Nikkor 200-400mm f/4G IF-ED · Exposure: [S] mode, 1/640 second, f/4.5 · White balance: Auto · Sensitivity: ISO 320 · Picture Control: Standard © Robert Bösch Every breathtaking move Captures the perfect moment with up to approx. @@@@Continuous shooting speed for 14-bit NEF (RAW) is approx. @@@@You can also choose to shoot with 11 focus points. @@@@Approx. 100% viewfinder frame coverage. @@@@RUGGED RELIABILITY. The ultimate in reliability. @@@@950 shots\* per charge. \* Based on CIPA Standards.

Nikon's Integrated Dust Reduction System -- uses vibrations to reduce dust on the optical low-pass filter. Robust, magnesium alloy body The D300S employs a strong-yet-lightweight magnesium alloy for its exterior cover, chassis and mirror box, and securely seals major seams and joints against invasive dust and moisture. Quiet Shutter-release mode -- reduces the sound of mirror-down for less intrusive shooting. 3-in., approx.

920k-dot LCD with 170° viewing angle -- for confident image confirmation. Electronic Virtual Horizon -- shows the camera's position relative to horizontal, also available with Live View shooting. Quick, easy-to-read information display. -- Enhanced moisture- and Enhanced playback functions for reviewing images in various ways. dust-resistant areas are outlined in red.

Ready to explore 12 The smart, robust design of the D300S and its system prepares you for assignments even in demanding environments. · Lens: AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED · Exposure: [M] mode, 1/400 second, f/8 · White balance: Direct sunlight · Sensitivity: ISO 200 · Picture Control: Standard

© Ami Vitale 13 HDMI compatible SYSTEM CHART The D300S features an HDMI (High-Definition Multimedia Interface) terminal, enabling direct connection to a High-Definition TV for breathtaking viewing of still images and D-Movie clips. Requires Type C connector (mini size). SPEEDLIGHTS Right-angle Viewing Attachment DR-6 Power Bracket Unit SK-6/6A Speedlight SB-900 Rubber Eyecup DK-23\* Eyepiece Cap DK-5\* NIKON DIGITAL SLR CAMERA D300S SPECIFICATIONS VIEWFINDER ACCESSORIES Eyepiece Magnifier DG-2 Magnifying Eyepiece Eyepiece Adapter DK-21M DK-22 Eyepiece Correction Lenses (-5 to +3 m-1) DK-20C Type Type Single-lens reflex digital camera Lens mount Nikon F mount (with AF coupling and AF contacts) Effective picture angle Approx. 1.5 x conversion factor (Nikon DX format) Effective pixels Effective pixels 12.3 million Range (ISO 100 equivalent, f/1.4 lens, 20°C/68°F) Exposure meter coupling Exposure modes Exposure compensation Exposure bracketing Exposure lock ISO sensitivity (Recommended Exposure Index) Active D-Lighting ADL bracketing Focus Autofocus Multi-Power Battery Pack MB-D10 (optional) The MB-D10 supports the use of three battery types.

It combines added stability with extended shooting of up to approx. 2,950 shots\*1 per charge and enables high-speed continuous shooting at a rate of approx.

8 fps\*2. High-Performance Battery Pack SD-8A High-Performance Battery Pack SD-9 Image sensor Image sensor 23.6 x 15.8 mm CMOS sensor Total pixels 13.1 million Dust-reduction system Image Sensor Cleaning, Image Dust Off reference data (requires optional Capture NX 2 software) LENSES Speedlight SB-600 RU lens is used) · Spot: Meters 3-mm circle (about 2% of frame) centered on selected focus point (on center focus point when non-CPU lens is used) · Matrix or center-weighted metering: 0 to 20 EV · Spot metering: 2 to 20 EV Combined CPU and AI Programmed auto with flexible program (P); Shutter-priority auto (S); Aperture-priority auto (A); Manual (M) -5 to +5 EV in increments of 1/3, 1/2 or 1 EV 2 to 9 frames in steps of 1/3, 1/2, 2/3 or 1 EV

Luminosity locked at detected value with AE-L/AF-L button ISO 200 to 3200 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 100 equivalent) below ISO 200 or to approx. 0.3, 0.5, 0.7 or 1 EV (ISO 6400 equivalent) above ISO 3200 Can be selected from auto, extra high, high, normal, low or off 2 to 5 frames with strength levels varying according to number of frames chosen; for 2 frames, off and a chosen level are applied Nikon Multi-CAM 3500DX autofocus sensor module with TTL phase detection, fine-tuning, 51 focus points (including 15 cross-type sensors) and AF-assist illuminator (range approx.

0.5 to 3 m/1 ft.



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8 in. to 9 ft. 10 in.

) -1 to +19 EV (ISO 100 equivalent, 20°C /68°F) · Autofocus: Single-servo AF (S); continuous-servo AF (C); predictive focus tracking automatically activated according to subject status in single- and continuous-servo AF · Manual (M): Electronic rangefinder supported Can be selected from 51 or 11 focus points Single-point AF, dynamic-area AF, auto-area AF Focus can be locked by pressing shutter-release button halfway (Single-servo AF) or by pressing AE-L/AF-L button Movie Frame size (pixels) File format Compression format Autofocus Audio Maximum length Monitor LCD monitor 1,280 x 720/24 fps, 640 x 424/24 fps, 320 x 216/24 fps AVI Motion-JPEG Contrast-detect AF on a desired point within a frame is possible (Tripod mode) Sound can be recorded via built-in or optional external microphone; sensitivity can be adjusted 5 min (1,280 x 720 pixels), 20 min (640 x 424, 320 x 216 pixels) 3-in., approx. 920k-dot (VGA), low-temperature polysilicon TFT LCD with 170° viewing angle, approx. 100% frame coverage, and brightness adjustment Full-frame and thumbnail (4, 9 or 72 images) playback with playback zoom, movie playback, slide show, histogram display, highlights, auto image rotation, and image comment (up to 36 characters) Playback Playback function Interface USB Audio video output HDMI output Detection range Lens servo Hi-Speed USB Can be selected from NTSC and PAL Type C HDMI connector; camera monitor turns off when HDMI cable is connected Audio input Stereo mini-pin jack (3.5-mm diameter) 10-pin remote terminal Can be used to connect optional remote control, GPS Unit GP-1 or GPS device compliant with NMEA0183 version 2.01 or 3.01 (requires optional GPS Cable MC-35 and cable with D-sub 9-pin connector) Chinese (Simplified and Traditional), Danish, Dutch, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish One Rechargeable Li-ion Battery EN-EL3e Optional Multi-Power Battery Pack MB-D10 with one Rechargeable Li-ion Battery EN-EL3e, EN-EL4a/EN-EL4 or eight R6/AA-size alkaline, Ni-MH, lithium or nickel-manganese batteries; Rechargeable Li-ion Battery EN-EL4a/EN-EL4 and R6/AA-size batteries available separately; Battery Chamber Cover BL-3 (available separately) required when using Rechargeable Li-ion Battery EN-EL4a/EN-EL4 AC Adapter EH-5a/EH-5 (available separately) 1/4 in. (ISO 1222) Approx. 147 x 114 x 74 mm/5.8 x 4.

5 x 2.9 in. Approx. 840 g/1 lb. 14 oz. without battery, memory card, body cap or monitor cover 0-40°C/32-104°F Less than 85% (no condensation) GPS Unit GP-1 (optional) With GPS Unit GP-1 attached to the D300S, time and geographic location information, received via satellite, is automatically recorded to each image's Exif data. This makes it easy to display the location of an image on Google Maps™ using ViewNX. Speedlight SB-400 Close-up Speedlight Commander Kit RIC1 Adapter Cord MC-25 2-pin remote accessories Modulite Remote Control Set ML-3 Viewfinder Viewfinder Frame coverage Magnification Eyepoint Diopter adjustment Focusing screen Focus point AF-area modes Focus lock Flash Built-in flash Supported languages Supported languages CASE MICROPHONE GPS Unit GP-1 External microphone\*\* Remote Cord MC-DC2 Wireless Transmitter WT-4A/B/C/D/E\* (optional) Semi-Soft Case CF-D200 GPS Cable MC-35 GPS unit\*\* Lens Compatible lenses For efficient image transfer. @ · The SD logo is a trademark of the SD Card Association. · The SDHC logo is a trademark.

· PictBridge is a trademark. @ · @ · @ · Google Maps™ is a trademark of Google Inc. @ · @ · Images in viewfinders, on LCDs and monitors shown in this brochure are simulated. Exclusive Nikon software White balance White balance The D300S comes with Nikon Transfer and ViewNX software packages for a range of basic photo browsing and editing operations. And for more advanced procedures, Nikon offers Capture NX 2, Camera Control Pro 2, and Image Authentication Software (all optional).

Rechargeable Li-ion Battery EN-EL4/EN-EL4a Eight R6/AA-size batteries\*\* Quick Charger MH-18a\* USB Cable UC-E4\* Camera Control Pro 2 Image Authentication Software Software Suite\* Quick Charger MH-21/MH-22 Wireless Transmitter WT-4A/B/C/D/E AC Adapter EH-5a Rechargeable Li-ion Battery EN-EL3e AC Adapter EH-6 Auto (TTL white-balance with main image sensor and 1,005-pixel RGB sensor), Incandescent, Fluorescent (7 options), Direct Sunlight, Flash, Cloudy, Shade, preset manual (able to store up to 5 values) and color temperature setting (2,500K to 10,000K); fine-tuning available for all options White balance bracketing 2 to 9 frames in steps of 1, 2 or 3 Tripod, Hand-held · Tripod: Contrast-detect AF anywhere in frame · Hand-held: TTL phasedetection AF with 51 focus points (including 15 cross-type sensors) Self-timer Exposure Metering Metering method Live View Modes Autofocus \* Supplied accessories \*\* Non-Nikon products When a movie with sound recorded in stereo using an external microphone is viewed on a television connected to the camera via an Audio Video Cable EG-D2, the audio output is monaural. HDMI connections support stereo output. 14 15 .



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