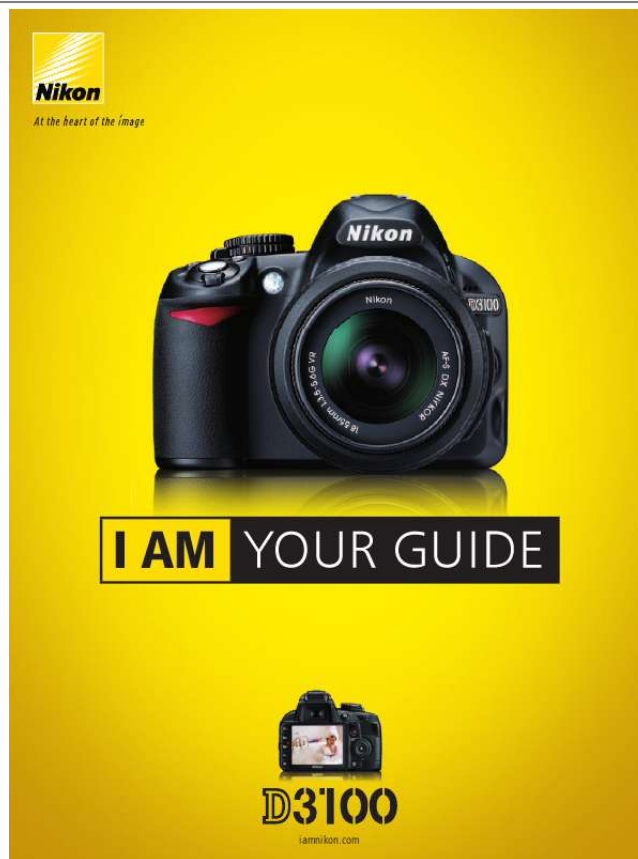




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON D3100. You'll find the answers to all your questions on the NIKON D3100 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NIKON D3100
User guide NIKON D3100
Operating instructions NIKON D3100
Instructions for use NIKON D3100
Instruction manual NIKON D3100



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1.8 oz.)*, the compact and lightweight D3100 goes where you go. @@New dedicated controls for frequently used functions like Live View, D-Movie and shutter release modes further enhance ease of useangle Viewing Attachment DR-6 Rubber Eyecup DK-20*1 TV ACCESSORIES HDMI Cable*2 TV monitor*2 REMOTE CONTROLLER Video Cable EG-D2 GPS Unit GP-1 Remote Cord MC-DC2 COMPUTER RELATED ACCESSORIES CASE Semi-Soft Case CF-DC1 SD Memory Card*2 PC Card Adapter*2 SD Memory Card Reader*2 Personal computer*2 AC ADAPTERS, BATTERIES AND BATTERY PACKS Battery Charger MH-24*1 NEW Rechargeable Li-ion Battery EN-EL14*1 NEW ViewNX 2*1 NEW Capture NX 2 AC Adapter EH-5a Power Connector EP-5A NEW USB Cable UC-E4 Capture NX 2 Upgrade *1; Supplied accessories *2: Non-Nikon products Intuitive operation for the finishing touch Parts and Controls 1 2 3 4 Mode dial Release-mode selector Information button Exposure compensation button/Aperture button/ Flash compensation button Shutter-release button Power switch AF-assist illuminator/ Self-timer lamp/ Red-eye reduction lamp Accessory shoe (for optional flash units) Flash mode button/ Flash compensation button Microphone Function button Lens release button 13 14 15 Playback button Menu button Thumbnail button/Playback zoom out button/Help button Playback zoom in button Information edit button Viewfinder eyepiece Diopter adjustment control AE-L/AF-L button/Protect button Command dial Live View switch Movie-record button Multi selector OK button Delete button Speaker Monitor · Capture NX 2 software - Expanded creative control (sold separately) 1 2 3 4 5 8 9 18 19 10 11 20 21 22 16 17 18 19 20 21 22 23 24 25 26 27 28 Capture NX 2's easy-to-learn editing tools unlock image potential without degrading original image quality. @@@@Cards with class 6 write speeds are recommended for movie recording. @@@@ (Pay an additional fee and get up to 200 GB of storage*). @@@@*2 Check that any card readers or other devices with which the card will be used are SDHC-compliant.

*3 Check that any card readers or other devices with which the card will be used are SDXC-compliant. Notes: · Please check with the SD card manufacturer regarding features, specifications, warranty, and other items. Nikon cannot assure compatibility with SD cards not listed above. · Limited to cards tested at the time of brochure printing. Additional cards may be fully compatible.

Contact Nikon Customer Service for additional information. JPEG basic *1 All figures are approximate. File size varies with scene recorded. *2 Maximum number of exposures that can be stored in memory buffer at ISO 100. Drops when noise reduction is on.

3 Image size applies to JPEG images only. Size of NEF (RAW) images can not be changed. File size is the total for NEF (RAW) and JPEG images. Note: Website design may change without prior notice. Long-lasting lithium-ion battery Included Rechargeable Li-ion Battery EN-EL14 delivers up to approximately 550 frames on a single charge. * Based on CIPA standards. 14 15 Nikon Digital SLR Camera D3100 Specifications Type Flash control Single-lens reflex digital camera Nikon F mount (with AF contacts) Approx. 1.5 x lens focal length (Nikon DX format) Flash mode Flash compensation Flash-ready indicator 23.1 x 15.

4 mm CMOS sensor 14.8 million Image sensor cleaning, Airflow Control System, Image Dust Off reference data (optional Capture NX 2 software required) Accessory shoe Nikon Creative Lighting System (CLS) Sync terminal 4,608 x 3,072 [L], 3,456 x 2,304 [M], 2,304 x 1,536 [S] · NEF (RAW) · 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 Standard, Neutral, Vivid, Monochrome, Portrait, Landscape; selected Picture Control can be modified SD (Secure Digital) SDHC and SDXC memory cards DCF (Design Rule for Camera File System) 2.0, DPOF (Digital Print Order Format), Exif 2.21 (Exchangeable Image File Format for Digital Still Cameras), PictBridge White balance Type Lens mount Effective angle of view Effective pixels · TTL: i-TTL balanced fill-flash and standard i-TTL flash for digital SLR using 420-pixel RGB sensor are available with built-in flash and SB-900, SB-800, SB-600, or SB-400 (i-TTL balanced fill-flash is available when matrix or center-weighted metering is selected) · Auto aperture: Available with SB-900/SB-800 and CPU lens · Non-TTL auto: Supported flash units include SB-900, SB-800, SB-80DX, SB-28DX, SB-28, SB-27, and SB-22S · Distance-priority manual: Available with SB-900 and SB-800 Auto, auto with red-eye reduction, fill-flash, auto slow sync, auto slow sync with red-eye correction, and rear curtain with slow sync -3 to +1 EV in increments of 1/3 EV Lights when built-in flash or optional flash unit such as SB-900, SB-800, SB-600, SB-400, SB-80DX, SB-28DX, or SB-50DX is fully charged; blinks for 3 s after flash is fired at full output ISO 518 hot-shoe with sync and data contacts and safety lock Advanced Wireless Lighting supported with SB-900, SB-800, or SU-800 as commander; Flash Color Information Communication supported with built-in flash and all CLS-compatible flash units Sync Terminal Adapter AS-15 (available separately) Effective pixels Image sensor 14.2 million Image sensor Total pixels Dust-reduction system Storage Image size (pixels) File format White balance Auto, incandescent, fluorescent (7 types), direct sunlight, flash, cloudy, shade, preset manual, all except preset manual with fine tuning. Picture Control System Media File system Live View Lens servo AF-area mode Autofocus Scene Auto Selection Movie · Autofocus (AF): Single-servo AF (AF-S); Full-time-servo AF (AF-F) · Manual focus (MF): Electronic rangefinder can be used Face-priority AF, wide-area AF, normal-area AF, subject-tracking AF Contrast-detect AF anywhere in frame (camera selects focus point automatically when face-priority AF or subject-tracking AF is selected) Available in auto and auto (flash off) modes Viewfinder Viewfinder Frame coverage Magnification Eyepoint Diopter adjustment Focusing screen Reflex mirror Lens aperture Lens Eye-level pentamirror single-lens reflex viewfinder Approx. 95% horizontal and 95% vertical Approx.

0.8 x (50 mm f/1.4 lens at infinity, -1.0 m -1) 18 mm (-1.0 m -1) -1.

7 to +0.5 m-1 Type B BriteView Clear Matte Mark VII screen Quick return Instant return, electronically controlled Metering Metering method Frame size (pixels) and frame rate Maximum recording time File format Video compression Audio recording format Audio recording device Monitor TTL exposure metering using main image sensor Matrix · 1,920 x 1,080 (24p): 24 fps (23.976 fps) · 1,280 x 720 (30p): 30 fps (29.97 fps) · 1,280 x 720 (25p): 25 fps · 1,280 x 720 (24p): 24 fps (23).



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976 fps) · 640 x 424 (24p): 24 fps (23).

976 fps) 10 min. MOV H.264/MPEG-4 Advanced Video Coding Linear PCM Built-in monaural microphone Compatible lenses · AF-S and AF-I NIKKOR: All functions supported. · Type G or D AF NIKKOR without built-in autofocus motor: All functions except autofocus supported. IX NIKKOR lenses not supported. · Other AF NIKKOR: All functions supported except autofocus and 3D color matrix metering II. Lenses for F3AF not supported. · Type D PC NIKKOR: All functions supported except autofocus and some shooting modes. @ · Non-CPU: Autofocus not supported. Can be used in exposure mode M, but exposure meter does not function.

@ · @ · @ · 1 EV above ISO 3200 (ISO 6400 equivalent) or to approx. @ · @ (ISO 1222) Dimensions (W x H x D) Weight Approx. 124 x 96 x 74.5 mm (4.9 x 3.8 x 2.9 in.) Approx. 455 g (1lb.) (camera body only); 505 g (1lb.)

1.8 oz.) with battery and memory card but without body cap Operating environment Autofocus Detection range Lens servo Nikon Multi-CAM 1000 autofocus sensor module with TTL phase detection, 11 focus points (including one cross-type sensor), and AF-assist illuminator (range approx. 0.5 to 3m/1 ft.

8 in. to 9 ft. 10 in.) -1 to +19 EV (ISO 100, 20°C/68°F) · Autofocus (AF): 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 Can be selected from 11 focus points Single-point AF, dynamic-area AF, auto-area AF, 3D-tracking (11 points) Focus can be locked by pressing shutter-release button halfway (single-servo AF) or by pressing AE-L/AF-L button Temperature Humidity Accessories 0 to 40°C (32 to 104°F) Less than 85% (no

condensation) Supplied accessories Rechargeable Li-ion Battery EN-EL14, Battery Charger MH-24, Eyepiece Cap DK-5, Rubber Eyecap DK-20, (may differ by country or area) Camera Strap AN-DC3, Accessory Shoe Cover BS-1, Body Cap BF-1B, ViewNX 2 CD-ROM, Ferrite Core (2 types) Focus point AF-area mode Focus lock Flash Built-in flash Guide number Auto, Portrait, Child, Close up, Night portrait: Auto flash with auto pop-up P, S, A, M: Manual pop-up with button release Approx. 12/39, 13/43 with manual flash (m/ft, ISO 100, 20°C/68°F) · Microsoft and Windows, Windows 7 are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries · Macintosh and QuickTime are registered trademarks or trademarks of Apple Inc.

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