**Nikon Digital SLR Camera D7100 Specifications**

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<th>Feature</th>
<th>Details</th>
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<td><strong>Effective angle of view</strong></td>
<td>With DX-format angle of view  with 1.3× (18×12) selected for image area: 6000 × 4000 [L], 4496 × 3000 [M], 2992 × 2000 [S] • 1.3× (18×12) image area: 6000 × 4000 [L], 4496 × 3000 [M], 2992 × 2000 [S]</td>
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Take advantage of the agility and high-performance features built into the compact and lightweight DX-format body of the D7100. Enjoy the kind of breathtaking, high-resolution images that are only possible when the EXPEED 3 image-processing engine is paired with a powerful CMOS image sensor unit that's designed without an optical low-pass filter. Now you can have all the mobility, resolution and power you need to close in on your target and capture it exquisitely — all yours, via the Nikon DX format. The D7100 is ready to go wherever inspiration calls you. Your hunt for spectacular images starts here.

THE POWER AND AGILITY TO LEAP FORWARD

- Lens: AF-S NIKKOR 70-200mm f/4G ED VR
- White balance: Direct sunlight
- Sensitivity: ISO 100
- Picture Control: Landscape
- Exposure: [M] mode, 1/180 second, f/8

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Glass pentaprism optical viewfinder realizing approx. 100% frame coverage. The optical viewfinder, that features clear viewing with approx. 100% frame coverage and magnification ratio of 0.94×, supports comfortable and precise composition.

The high-contrast, high-contrast, high-contrast, high-sensitivity optical display element, newly employed for the viewfinder information display beneath the image area, also contributes to the excellent visibility. The response of the image sensor in low-temperature conditions has been further improved.

*Approximate viewfinder magnification of 0.94×.

Newly employed, wide-angle viewing, 8-cm/3.2-in., approx. 1229k-dot, LCD monitor with an RGBW alignment for enhanced visibility [NEW]

Thanks to its new RGBW alignment, the newly employed, large, high-resolution LCD monitor features improved brightness. Combined with the integrated grid-and-panel structure, it greatly enhances visibility, even under bright conditions.

*Equivalent to that utilized in the D4, D800 series and D600.

High-performance EXPEED 3 image-processing engine [NEW]

Nikon’s exclusive image-processing engine EXPEED 3 handles multiple tasks at ultra-fast speed while maintaining high precision in order to maximize the potential of 24.1 megapixels in stills and movies. The result: superior color reproduction, rich tonal gradation and high image quality at high ISO.

RELIABILITY BEYOND ITS CLASS CONCENTRATED IN A COMPACT, LIGHTWEIGHT DX-FORMAT SYSTEM

1. Compact and lightweight body, lighter than the D700, allows dynamic magnesium alloy and superior weather and dust sealing

2. High-speed, highly precise sequential control mechanism

The driving mechanism, that powers aperture and mirror independently, enables continuous shooting of up to approx. 7 fps*, a release time lag of 0.052 s*, and smooth, quiet live view photography. Incorporating a mirror balancer has contributed to a more stable handling performance of the shooting data. The result: superior color reproduction, rich tonal gradation and high image quality at high ISO.

Always gives you direct access to frequently used functions.

5. Built-in flash with a commander function supports Advanced Wireless Lighting

6. Double SD card slots compatible with UHS-I

The D7100’s double SD card slots compatible with the SDXC UHS-I standard support smooth continuous shooting and drive until the batteries run out.

7. MB-D15 Multi-Power Battery Pack (optional) [NEW]

Provides EN-EL15 Rechargeable Li-ion Battery or AA-size alkaline, Ni-MH or lithium batteries. Advanced multifunctional, WR-1 Wireless Remote Controller (optional) [NEW]

The WR-1 (transceiver) is an advanced multifunctional remote controller that allows you to view the status of or change settings* of the D7100. Utilizing radio waves, the communication range between WR-1 units is up to 120 m/394 ft*. Numerous channels are available. You can not only remotely control a camera with a WR-1.