COOLPIX. P5100

At the heart of the image

COOLPIX. PERFORMANCE
passion made powerful

12.1 Effective Megapixels
3.5X Optical Zoom-Nikkor Glass Lens
2.5” Incredible, Bright LCD Screen
VR Optical Image Stabilization
3200 ISO Capability
Unleash the Photographer in You

12.1 Megapixels for stunning prints as large as 20 x 30 inches

3.5x Optical Zoom-Nikkor Glass Lens – quality optics provide exceptional images

VR Optical Image Stabilization minimizes the effect of camera shake

Incredible, Bright 2.5-inch High Resolution LCD and Optical Viewfinder make it easy to compose and share your pictures

Program, Aperture, Shutter and Manual Exposure Modes give you greater creative control over camera operation

Auto adjusts up to ISO 3200 (5MP or lower) – keep shooting, even in lower light

Available Telephoto and Wide Angle Converters expand the camera’s capabilities, along with your own

Hot Shoe for i-TTL compatible Nikon Speedlights
Nikon In-Camera Innovations Makes taking powerful pictures easy!

**In-Camera Red-EyeFix™**
This in-camera feature automatically fixes most typical occurrences of red-eye.

**D-Lighting**
Compensates for underexposed images or insufficient flash by automatically adding light and detail to selected shots where needed, without affecting properly exposed areas.

**Face-Priority AF**
Automatically finds and focuses on up to 12 faces to ensure superb portraits with clear, crisp focus.

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**VR Optical Image Stabilization**
VR Optical Image Stabilization compensates for camera shake to prevent blur and produce clearer, sharper results in lower lighting or unsteady conditions. The benefits of full-time VR also extend to faster framing on the monitor and smoother action in movies.

**ISO 3200 capability**
Extended light sensitivity range of ISO 64 to ISO 3200* and the new image-processing engine’s ability to preserve high image quality at high ISO settings provide new opportunities to shoot more with faster shutter speeds effectively in lower lighting conditions.

*ISO 3200 is available only for image sizes of 5M (2592 x 1944) or smaller.

**Advanced Shooting Modes**
The new improved Mode dial provides quick access to greater personal control over camera operation and the unlimited creative possibilities offered by Programmed Auto [P], Shutter-priority Auto [S], Aperture-priority Auto [A], and Manual [M] exposure modes.

**System expandability**
Optional Wide-angle (24mm) and Telephoto (369mm) Converter lenses further extend focal and creative range, as does a built-in accessory shoe that supports Nikon’s advanced i-TTL flash control for external flashes, including the Speedlight SB-400, SB-600 and SB-800.

**12.1 Megapixels of Pure Imaging Power**
That’s plenty of sharp resolution to capture the finest details, crop creatively and produce beautiful enlargements. Optimizing performance and color reproduction is an advanced new image processing engine. Plus, the quality optics of a 35-123mm Zoom-Nikkor lens (equivalent with 35mm format picture angle) maximizes compositional freedom.
## Digital Camera Specifications

### Effective pixels:
12.1 million

### Image sensor:
1/1.72-in. CCD; total pixels: approx. 12.43 million

### Lens:
3.5x Zoom-NIKKOR; 7.5-26.3mm (35mm [135] format picture angle: 35-123mm); f/2.7-5.3; 7 elements in 6 groups; Digital zoom: up to 4x (35mm [135] format picture angle: 492mm)

### Focus range:
30cm (1 ft.) to infinity (∞); Macro close-up mode: 4cm (1.6 in.) to infinity (∞)

### Monitor:
2.5-in., 230,000-dot, wide viewing angle TFT LCD with anti-reflection coating

### Storage media:
Internal memory (approx. 52 MB), SD/SDHC memory card compatible

### Image size:

<table>
<thead>
<tr>
<th>Pixels</th>
<th>Image Size</th>
</tr>
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<tbody>
<tr>
<td>4000x3000 (12M)</td>
<td>4920 x 3590 (3:2)</td>
</tr>
<tr>
<td>3264x2448 (8M)</td>
<td>4920 x 3590 (3:2)</td>
</tr>
<tr>
<td>2592x1944 (5M)</td>
<td>4920 x 3590 (3:2)</td>
</tr>
<tr>
<td>2048x1536 (3M)</td>
<td>4920 x 3590 (3:2)</td>
</tr>
<tr>
<td>1600x1200 (2M)</td>
<td>4920 x 3590 (3:2)</td>
</tr>
<tr>
<td>1280x960 (1M)</td>
<td>4920 x 3590 (3:2)</td>
</tr>
<tr>
<td>1024x768 (0.5M)</td>
<td>4920 x 3590 (3:2)</td>
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</tbody>
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### Vibration Reduction:
VR Optical Image Stabilization

### ISO sensitivity:
ISO 64, 100, 200, 400, 800, 1600, 2000, 3200,
Auto (auto gain ISO 64-800)

### Interface:
USB

### Power sources:
Rechargeable Li-ion Battery EN-EL5 (supplied),
AC Adapter EH-62A (optional)

### Battery life:
Approx. 240 shots with EN-EL5 battery
(based on CIPA standard)

### Dimensions:
(Appx.HxWxD)
Approx. 98 x 64.5 x 41 mm (3.9 x 2.5 x 1.6 in.) excluding projections

### Weight:
Approx. 200 g (7.1 oz.) without battery and SD memory card

### Supplied accessories*:
USB Cable UC-E6, Audio Video Cable EG-CP14, Rechargeable Li-ion Battery EN-EL5, Battery Charger MH-61, Strap AN-CP16,
COOLPIX Software Suite CD-ROM

### Optional accessories:
AC Adapter EH-62A, Wide-angle Converter WC-E67,
Telephoto Converter TC-E3ED, Adapter Ring UR-E20,
Speedlight SB-400, Speedlight SB-600, Speedlight SB-800

*Supplied accessories may differ by country or area.

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**System Requirements:**

<table>
<thead>
<tr>
<th>OS</th>
<th>Macintosh: Mac OS X version 10.3.9, 10.4.x</th>
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</thead>
<tbody>
<tr>
<td>Windows</td>
<td>Windows Vista (32bit), Windows XP Home Edition/Professional pre-installed models</td>
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**Note:** CD-ROM drive required for installation. Only built-in USB ports are supported.

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