

Nikon

3x Zoom Digital Camera with 5.0 Effective Megapixels

COOLPIX5000



Something truly special in digital photography

Remarkable image quality with 5.0 effective megapixels

At the heart of the rugged cast-magnesium alloy body lies a 2/3-inch type CCD. **5.0 effective megapixels** can capture razor-sharp pictures at a recording image size of up to 2,560 x 1,920 pixels. Nikon makes this new image-sensing CCD even more powerful using the latest image processing technology — an area in which Nikon is the undisputed leader — rendering crisp, brilliant images that leap off the page at print sizes as large as A3 size (297 x 420mm; 11 x 14 in.).

Superfine Zoom-Nikkor lens

Visibly different, the large, bright Nikkor lens confirms that, when the aim is perfection, optics come first. Indeed, Nikon lens designers responded to the challenge of this new camera by incorporating no less than **three aspherical lens elements** in an outstanding execution. Light is introduced via a large-diameter aspherical lens that pares image distortion to an absolute minimum. The resulting 3x Zoom-Nikkor lens is the embodiment of Nikon optical performance, offering a focal range of 7.1-21.4mm (equivalent to 28-85mm in 35mm [135] format).

Rapid response

The COOLPIX 5000 is surprisingly fast: instant startup, high-speed autofocus, rapid zoom, and a shutter release that conveys the easy confidence of an AF SLR film camera. For Nikon, speed is a prerequisite, and with the COOLPIX 5000, speed has been engineered into every function and feature to create a camera that produces the results your photography demands and rival cameras can only strive to attain.

Creative potential

A photographer's camera, the COOLPIX 5000 is ready to extend your creative possibilities with a host of digital features: versatile exposure and image controls such as **white balance setting**; an all-new **clear image mode**; noise reduction mode; numerous auto and manual focus functions; an **extensive shutter speed range of 1/4,000 to 8 seconds**; and precision aperture settings. Lighting needs are handled with a built-in Speedlight and an **accessory shoe** for an external Nikon Speedlight.

More features

- Durable, **professional-grade magnesium alloy body** combines refined ergonomics with a compact size
- **Vari-angle LCD** for total convenience in every shooting position
- Shutter speeds from **1/4,000 to 8 sec.**
- Macro shooting down to **2cm (0.8 in.)**
- Versatile white balance settings and **White Balance Bracketing**
- **Saturation control** (4 steps and B&W) for in-camera color control, enabling direct connection to a printer
- **Clear image mode** for ultra-smooth color gradation for images up to 1,280 x 960 pixels (SXGA size)
- **Noise Reduction mode** for long-time exposures
- Multiple **capture modes**, including Continuous shooting of up to **3 frames per second in full-size** and Ultra High-speed Continuous shooting of up to **30 fps at 320 x 240 pixels (QVGA size)**
- **Movies with audio** (up to 60 sec.) and a built-in speaker for confirmation playback
- **Quick Review button** to check any captured image while in record mode (both captured photos and your current subject are displayed in the LCD monitor); pressing the shutter button once reactivates record mode
- **Plug-and-play USB interface** for connection to computer (USB Mass Storage Class)
- Full line of **system accessories** including a new "19mm" (35mm [135] format equivalent) wideangle converter lens, along with an optional power pack that uses six 1.5V LR6 (AA-size alkaline) batteries and enables easier vertical shooting

Nikon Digital Camera COOLPIX 5000 Specifications

Type of camera	Digital camera E5000	Exposure control	1) Programmed Auto with Flexible Program, 2) Shutter-Priority Auto, 3) Aperture-Priority Auto, 4) Manual; Exposure Compensation (± 2 EV in 1/3 EV steps); Auto Exposure Bracketing (3 or 5 frames within ± 2 EV)
Effective pixels	5.0 million	Exposure range	EV -2.0 ~ +18.0 (W), EV -0.5 ~ +17.0 (T) (ISO 100 equivalent)
CCD	2/3-inch type (5.24 million total pixels)	Sensitivity (approx.)	ISO 100 equivalent; 100, 200, 400, 800, Auto (can be controlled in any exposure mode)
Image size	2,560 x 1,920 pixels (4.92 million pixels), UXGA-size (1,600 x 1,200), SXGA-size (1,280 x 960), XGA-size (1,024 x 768), VGA-size (640 x 480), 3:2 (2,560 x 1,700) selectable	White balance	1) Matrix Auto White Balance with TTL control, 2) 5-mode Manual with fine tuning (Fine/Incandescent/Fluorescent/Cloudy/Speedlight), 3) Preset, 4) White Balance Bracketing
Lens	3x Zoom-Nikkor; f=7.1-21.4 mm [35mm (135) format equivalent to 28-85mm] /F2.8-4.8 with macro; 9 elements in 7 groups	Self-timer	10 sec. or 3 sec. duration
Digital zoom	Up to 4x	Built-in Speedlight	Guide number: 10 (when sensitivity is at ISO 100 equivalent) Flash control: Sensor flash system Flash modes: 1) Auto Flash, 2) Flash Cancel, 3) Anytime Flash, 4) Slow Sync, 5) Red-Eye Reduction
Autofocus	Contrast-detect TTL AF; 5-Area Multi AF or Spot AF selectable	Accessory shoe	Standard ISO 518
Focus modes	1) Continuous AF mode (when using LCD monitor), 2) Single AF mode (when not using LCD monitor and/or selectable from shooting menu), 3) Manual	External Speedlight	Hotshoe connects to external Nikon Speedlight SB-50DX/28DX/28/27/26/25/24/23/22s; built-in Speedlight can be canceled when using external Speedlight(s)
Focus range	50cm (19.7 in.) to infinity (∞); 2cm (0.8 in.) to infinity (∞) in Macro mode	Playback menu options	1) 1 frame, 2) Thumbnail (4/9 segments), 3) Slide show, 4) Movie with audio, 5) Enlarged playback (up to 6x); Shooting information; Histogram indication and highlight point display; Hide and protect attributes can be set to each image; Focus confirmation indication
Optical viewfinder	Real-image zoom viewfinder; diopter adjustment available	Interface	USB 1.1 interface
LCD monitor	1.8-in., 110,000-dot, low-temp. polysilicon TFT LCD (LED backlight); brightness/hue adjustment	I/O terminal	Power input, Video output (NTSC or PAL selectable), Digital output terminal (USB/Remote Cord)
Storage	System: EXIF 2.1 file (uncompressed TIFF or compressed JPEG) Design rule for Camera File system (DCF), Digital Print Order Format (DPOF), Quicktime Motion JPEG (Movie) Media: CompactFlash™ (CF) Card Type I/II	Power requirements	One Rechargeable Li-ion Battery EN-EL1 (included), One 6V 2CR5/DL245 lithium battery (optional), Six 1.5V LR6 (AA-size alkaline), 1.5V Lithium, 1.5V NiMH, or 1.2V NiCd batteries with Power pack (optional), AC adapter (optional)
Shooting modes	Automatic [A] mode (default); Custom [CSM] mode (#1-#3) (combinations of mode settings can be memorized)	Battery life	Approx. 100 min. when using LCD monitor and EN-EL1 battery at normal temperature (20°C [68°F])
Shooting menu options	1) White Balance, 2) Exposure Metering, 3) Continuous, 4) Best-Shot Selector (BSS), 5) Lens, 6) Image Adjustment (Auto/Normal/More Contrast/Less Contrast/Lighten/Darken/Monochrome), 7) Image Sharpening, 8) Digital Zoom (up to 4x), 9) Noise Reduction, 10) Clear Image 11) Saturation Control	Dimensions (W x H x D)	Approx. 101.5 x 81.5 x 67.5mm (4.0 x 3.2 x 2.7 in.)
Capture modes	1) Single, 2) Continuous H (3 fps; up to 3 frames), 3) Continuous L (1.5 fps; up to 10 frames), 4) High-speed Continuous (SXGA, XGA, VGA-size images; 3 fps), 5) Ultra High-speed Continuous (QVGA-size images; 30 fps; number of frames selectable, up to 100 frames), 6) Multi-Shot 16 (3 fps; 16 frames), 7) Movie with audio (QVGA-size images; 15 fps; up to 60 sec.)	Weight (without battery)	Approx. 360g (12.6 oz.)
Exposure metering	4-mode TTL metering; 1) 256-segment Matrix, 2) Center-Weighted, 3) Spot, 4) Spot AF Area	Accessories included*	Lens cap, Neck strap, AV cable, CompactFlash™ Card, USB cable, Rechargeable Li-ion Battery EN-EL1, Battery Charger, Nikon View 4 CD-ROM
Shutter	Mechanical and charge-coupled electronic shutter; 1/4,000 to 8 sec. and Bulb (time limit: 60 sec.)	Optional accessories	Fisheye Converter FC-E8, Wideangle Converter WC-E68, Telephoto Converter TC-E2, Telephoto Converter TC-E3ED**, Adapter Rings UR-E5, UR-E6, Lens Hood HN-E5000, Power Pack MB-W5000, Remote Cord MC-EU1
Aperture	7-blade iris diaphragm; 10 steps in 1/3 EV increments		

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COOLPIX 5000 is supporting EPSON's "PRINT Image Matching (PIM)".

"PIM" is a technology which assists in producing vivid photo-quality prints from PIM-enabled digital cameras.

To obtain this benefit, a digital camera and printer that are compatible with "PIM" are required.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. September 2001
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*Standard accessories may differ by country or area.

**Nikon recommends use of the TC-E3ED with digital zoom 1.2x or higher.



WARNING

TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT. SOME DOCUMENTATION IS SUPPLIED ON CD-ROM ONLY.

NIKON CORPORATION

FUJI BLDG., 2-3, MARUNOUCHI 3-CHOME, CHIYODA-KU, TOKYO 100-8331, JAPAN

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