

Nikon

COOLPIX®

800

*High quality
2x optical zoom with
the ease of a
point and shoot*



- This easy to use compact digital camera doesn't sacrifice image quality or features for size.
- New 2.11 Megapixel 1/2 inch CCD and sharp 2x Zoom-Nikkor lens (38-76 mm) for incredible image quality
- Print large, 11 x 14 high quality prints from this lightweight powerhouse.
- Fully automatic focus, flash, metering and white balance for great pictures
- Shoot up to 40 images at 30 frames per second in Ultra High-speed Continuous mode
- 2.5x digital zoom
- Uses Nikon's optional wide-angle, fisheye, and telephoto lenses
- Saves images in uncompressed TIFF or one of 3 JPEG modes
- Supplied 8MB CompactFlash memory card stores up to 200 images

COOLPIX® Digital Cameras
Designed for the photographer in you



COOLPIX[®] 800 Specifications:

Type of camera	Digital Camera E800
CCD	1/2 inch high density CCD: Total number of pixels: 2.11 million
Image Size	Choice of 2 pixel sizes: 1) 1,600 x 1,200 (UXGA), 2) 640 x 480 (VGA)
Lens	2x Zoom-Nikkor Lens: f=7-14mm (35mm equivalent to 38-76mm), F3.5-4.8 with macro; All glass, multi-coated 7 elements in 5 groups, with aspherical elements. Fisheye, Wide Angle, and Telephoto lenses may be attached (optional).
Digital zoom	4 step digital zoom: 1.25x / 1.6x / 2x / 2.5x
Autofocus	Contrast-detect TTL autofocus, 480 step autofocus control
Focus mode	Selectable by menu on LCD: 1) Continuous AF mode, 2) Single AF mode, 3) Manual
Shooting distance	12 inch (30cm) to ∞, 2.8 inch (7cm) to ∞ in macro mode
Exposure metering	3 mode TTL metering, 256-element Matrix, Spot and Center-Weighted
Shutter	Mechanical and charge-coupled electronic shutter 1/750 to 8 sec.
Aperture	Electro-magnetic drive rounded diaphragm F3.5(W)-4.8(W) — 8(W)-11(T)
Exposure control	Programmed Auto Exposure (AE), Manual exposure compensation (±2EV in 1/3 EV steps)
Exposure range	EV+0.5-16.5 ISO 100 equivalent
Sensitivity	ISO 100
Gain increase available	1) AUTO, 2) ISO 100, 3) ISO 200, 4) ISO 400
White balance	Automatic TTL homing system, can be set manually for 1) sunny, 2) cloudy, 3) incandescent, 4) fluorescent, and 5) flash conditions. Preset white balance available, which allows users to set white balance using a white subject, such as a white card or sheet of white paper, prior to actual shooting
Tone curve selection	5 User selectable image tone curve settings: 1) Standard, 2) Contrast+, 3) Contrast-, 4) Brightness+, 5) Brightness-
Self-timer	Selectable 10 seconds or 3 seconds duration
Viewfinder	Real image optical viewfinder; Magnification: 0.32-0.6x; Frame coverage approx. 85%; LED indication for Speedlight Ready and Focus Ready
LCD monitor	1.8-inch, 112,000-dot, TFT LCD Adjustable back light Update rate: 30 frames / sec.; Frame coverage: approx. 97%
Auto power save	Factory default 30 seconds auto shut off; can be changed to 1, 5 or 30 minutes
Image recording	File Format TIFF RGB (Uncompressed) or JPEG (Exif 2.1); 24 bit RGB color Multiple folders supported Folders except for the default folder can be renamed Mode Hi = Uncompressed RGB TIFF, Fine = 1:4 JPEG, Normal = 1:8 JPEG, Basic = 1:16 JPEG (Approx.)
Storage	Media Capacity* Removable CompactFlash™ card Hi = 1 img., Fine = 8 imgs., Normal = 16 imgs., Basic = 32 imgs. (8MB) * Number of images may vary depending on the image captured and the resolution selected.
Shooting mode	Fully automatic mode (A-REC) Programmable manual mode (M-REC); allows choice of 3 custom settings from among shooting menu
Shooting menu	1) Metering, 2) Capture mode, 3) Sensitivity, 4) White balance, 5) Tone compensation, 6) Best-shot selector, 7) Monochrome, 8) Digital zoom, 9) Converters (for adapter lenses), 10) Auto file numbering
Best-shot selector	Camera takes up to 10 shots automatically (within approx. 1.5 fps) and records the most detailed image of the 10 shots using anti-jitter logic, which is effective for telephoto shooting and macro shooting. Not available when the Speedlight is on
Capture mode	1) Single, 2) Continuous, 3) High speed continuous, 4) Multiple continuous 5) Ultra High Speed Continuous
Capture Speed	1) Single mode: Approx. 1 fps for full size or smaller size images. Users need to release the shutter button after every shot. 2) Continuous mode: Approx. 1.5 fps for full size or smaller size images up to 10 images. Camera captures 1 frame every 0.8 sec. when the shutter button is depressed. 3) High speed continuous mode: Approx 2 fps for VGA size images up to 60 images. Camera captures 1 VGA size image every 0.5 sec. when the shutter button is depressed. Image size is fixed in VGA in this mode. 4) Multiple continuous: Approx. 2 fps. Camera captures 16 continuous images and puts all 16 into 1 full size image frame. 5) Ultra high speed continuous: 30 fps up to 40 frames at 320 x 240 (QVGA) Resolution.

Built-in Speedlight	Guide number 26 feet (at ISO 100) Flash modes 1) Auto-flash, 2) Flash-off, 3) Force fill flash, 4) Slow-sync and 5) Red-eye reduction Flashes for 0.8 sec. before main flash
Playback function	1) 1 Frame, 2) Thumbnails, 3) Slide show, 4) 2x or 3x zoom playback. Hide and protect attributes can be set for each image
Delete function	Deletes all frames or selected frames
Platform	Windows 95/98, NT4.0 or later, Macintosh OS 7.6 or later
Interface	Serial interface (Windows: 115 kbps, Macintosh: 230 kbps)
Video output	NTSC video signal output for image display on standard TV set
I/O terminal	Power input, video output, Serial port
Power requirements	4 x Alkaline, 1.2V Ni-Cd, 1.5 NiMH or 1.5V FR-6 Lithium AA batteries, AC adapter (optional)
Battery life	Approx. 100 min. with LCD monitor on using alkaline batteries at room temperature.



*Coolpix™ 800
real-time LCD
viewfinder*

Dimensions (W x H x D)	4.7 x 2.7 x 2.4 in.	
Weight	Approx. 9.5 oz. without batteries	
Tripod mount	Built-in	
Warranty	1 year	
Accessories included	Soft case, Strap, Video Cable: 8MB CompactFlash™ Card, Serial Cable (Mac & Windows): NikonView Version 2.5 CD ROM, Lens cap, 4 AA batteries, "Open me first" envelope; Registration/Warranty card, Fast Track Guide; Hardware & Software Manuals	
Bundled software	NikonView Version 2.5, Hotshot (PictureWorks), IPIX (Interactive Pictures)	
Product Number	25033	
Optional accessories	Wide angle adapter	WC-E24 Number of lenses: Two elements in two groups Magnification: x0.66 Combined focal length: 24mm (35 mm equivalent) Combined F number: 2.4 at maximum angle Angle: 88° at maximum angle Minimum distance: Approximately 2 inch from the lens Dimension: 1.95 inch diameter x 0.98 inch length Weight: 2.04 oz. Fish eye lens: Number of lenses: Five elements in four groups Magnification: x0.209 Combined focal length: 8 mm (35 mm equivalent) Combined F number: 2.4 Angle: 183° Teleconverter: Number of lenses: Four elements in three groups Magnification: x2.0 Combined focal length: 152mm (35 mm equivalent) Angle: 11° Dimension: 1.77 inch diameter x 2.56 inch length Weight: Approximately 5.29 oz. AC adapter EH-30 CompactFlash™ cards EC-64CF, EC-96CF PC card adapter EC-AD1 USB CompactFlash™ Card Reader Coolpack Case, rechargeable batteries and filters

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