

Nikon

COOLPIX®

990

PRELIMINARY
February 2000

Advanced photographic performance with unrivaled digital image quality

■ 3.34 Megapixel CCD with true [non-interpolated] image resolution of 2048 x 1536 for easy cropping and incredible print quality

EXCLUSIVE!

Superior 3x Zoom-Nikkor lens with 38-115mm coverage (35mm equivalent) for clear, sharp images plus 4x stepless digital zoom

EXCLUSIVE!

256 Element Matrix Metering and White Balance for outstanding exposure and color balance in every image

EXCLUSIVE!

4,896 step Multi-Area Auto-focus for quick composition without interruption

■ 50 Step Manual focus for complete creative control plus Macro focus as close as 0.8 inches

■ Fully Automatic, Shutter Priority and Aperture Priority Exposure Modes for great photos without hassle

■ Full Manual Exposure Control for unlimited creative uses

■ 2 Frame Per Second full resolution image capture, 30 fps QVGA, and 15 fps QVGA Movies for 40 seconds in Motion-JPEG mode.

■ High Speed USB Connectivity for plug and play simplicity

EXCLUSIVE!

Accepts all optional Coolpix Lenses and accessories including Fisheye, Wide-Angle and Telephoto for the greatest expandability and versatility in any situation

EXCLUSIVE!

Connect up to 5 Nikon Speedlights with optional bracket to light up any scene

COOLPIX® Digital Cameras
Designed for the photographer in you

3.3 MegaPixel
COOLPIX®

COOLPIX 990 Specifications:

Type of camera:	Digital camera
CCD:	1/1.8-in. high-density CCD; total number of pixels: 3.34 million
Image size:	2,048 x 1,536 pixels; XGA-size (1,024 x 768), VGA-size (640 x 480), 3:2 (2,048 x 1,360) selectable
Lens:	3x Zoom-Nikkor: f = 8-24mm [35mm (135) format equivalent to 38-115mm]/F2.5-4 with macro; 9 elements in 8 groups; all elements are made of environment-friendly glass; Nikon Super Integrated Coating (SIC) applied; glass-molded aspherical lens element included
Autofocus:	Contrast-detect TTL AF; 4,896-step autofocus control including macro range; 5-area Multi AF or Spot AF selectable
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 (50 steps from 0.8 in. to infinity (∞) with Peaking indication)
Shooting distance:	11.8 in. to infinity (∞); 0.8 in. to infinity (∞) in Macro mode
Optical viewfinder:	Real-image zoom viewfinder; magnification: 0.4-1.1x; frame coverage: approx. 85%; diopter adjustment: -2+1 DP; LED indication
LCD monitor:	1.8-in., 110,000-dot, low-temp. polysilicon TFT LCD; brightness/hue adjustment; frame coverage: approx. 97% (through/freeze image)
Auto OFF mode:	30 sec.; can be set manually (1/5/30 min.)
Storage:	File format: Uncompressed TIFF or compressed JPEG Media: CompactFlash™ (CF) Card
Shooting modes:	Fully automatic ([A]-REC) mode; Custom ([M]-REC) mode (three combinations of mode settings can be memorized)
Shooting menu:	1) White balance, 2) Exposure metering, 3) Continuous, 4) Best-Shot Selector (BSS), 5) Converters, 6) Tone compensation (Auto/Normal/More Contrast/Less Contrast/Lighten/Darken/Monochrome), 7) Image Sharpening 8) Digital zoom (stepless, up to 4x)
Capture modes:	1) Single, 2) Continuous, 3) Multi-Shot 16 (16 frames in 1/16 size), 4) VGA Sequence, 5) Ultra High-speed Continuous (approx. 30 fps for 80 QVGA-size images), 6) Movie (40 sec. for QVGA-size images at 15 fps)
Exposure metering:	4-mode TTL metering: 1) 256-segment Matrix, 2) Center-Weighted, 3) Spot and 4) Spot AF Area
Shutter:	Mechanical and charge-coupled electronic shutter; 8 to 1/1,000 sec.
Aperture:	7-blade iris diaphragm; 3 EV range in 1/3 EV steps
Exposure control:	1) Programmed Auto with Flexible Program, 2) Shutter-Priority Auto (with Sensitivity control), 3) Aperture-Priority Auto, 4) Manual; Exposure Compensation (±2 EV in 1/3 EV steps); Auto Bracketing (5 steps within ±2/3 EV)
Exposure range:	EV -2~+15.5 (W), EV -0.8~+16.7 (T) (ISO 100 equivalent)

White balance:	1) Matrix Auto White Balance with TTL control, 2) 5-mode Manual with 7-step fine tuning (Fine/Incandescent/Fluorescent/Cloud/Speedlight), 3) Preset
Self-timer:	10 sec. or 3 sec. duration
Built-in Speedlight:	Guide number: 30 (at ISO 100, ft.) Flash control: sensor flash system Flash modes: 1) Auto Flash, 2) Flash Cancel, 3) Anytime Flash, 4) Slow Sync, 5) Red-Eye Reduction
External Speedlight:	Multi-flash sync terminal connects to external Nikon Speedlight SB-28/28DX/26/25/24/22s through the Multi-Flash Bracket Unit SK-E900; built-in Speedlight can be turned off when using external Speedlight(s)
Playback menu:	1) 1 frame, 2) Thumbnail (4/9 segments), 3) Slide show, 4) Zoom playback (stepless up to 3x); Histogram indication & highlight point display; Peaking indication; Hide and protect attributes can be set to each image
Delete function:	Deletes all frames or selected frames
Interface:	USB interface; Serial interface (Windows®: 115kbps, Macintosh®: 230kbps)
Video output:	NTSC or PAL (selectable)
I/O terminal:	Power input; Video output; Digital output terminal (USB/Serial); Sync terminal for external Speedlight
Power requirements:	4 x 1.5V [alkaline "AA"-size (L40)] batteries; 1.5V FR6 lithium, 1.2V Ni-MH or 1.2V NiCd "AA"-size batteries can also be used; AC adapter (optional)
Battery life:	Approx. 1.5 hrs. when using LCD monitor and four 1.5V LR6 [alkaline "AA"-size (L40)] batteries at normal temperature (68 F)
Dimensions (W x H x D):	Approx. 5.9 x 3.1 x 1.5 in.
Weight (without battery):	Approx. 13.1 oz.

**Standard accessories may differ in each country or area.*

In addition to Nikon's EC-CF series, the Coolpix 990 may be used with the following CompactFlash™ Cards: SanDisk Corporation's SDC-FB4/8/15/30/40/48/64/96 and Lexar Media Corporation's 4X (8MB).

For more details, please contact the respective company.



*Coolpix™ 990
real-time LCD
viewfinder*

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

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