

COOLPIX 4500

Swivel magic

- Exciting swivel design that allows you to shoot at virtually any angle
- Refined ergonomics in a compact, magnesium-alloy body
- Auto pop-up Speedlight ensures bright, colorful pictures while minimizing red-eye effect
- 16 versatile [SCENE] Modes
- 5-Area Multi Autofocus for easier photo composition
- Noise Reduction mode for long time exposures
- Color saturation adjustment gives you 5-step image saturation control
- Movies with audio (up to 35 seconds), built-in speaker for confirmation playback
- Macro shooting as close as 2cm (0.8 in.)
- Voice Memo simplifies image management
- Perspective Control



Type of camera: Digital camera E4500
Effective pixels: 4.0 million
CCD: 1/1.8-inch type (4.13 million total pixels)
Image size: 2272 (2,272 x 1,704); 1600 (1,600 x 1,200); 1280 (1,280 x 960); 1024 (1,024 x 768); 640 (640 x 480); 3:2 (2,272 x 1,520) selectable
Lens: 4x Zoom-Nikkor; 7.85 – 32mm [35mm (135) format equivalent to 38mm – 155mm] f/2.6 – 5.1 with macro; 10 elements in 8 groups
Digital zoom: Up to 4x
Autofocus: Contrast-detect TTL AF; 5-area Multi AF or Spot AF selectable
Focus modes: Single AF mode; Continuous AF mode also available
Focus range: Manual Focus (50 positions, focus confirmation image)
 30cm to infinity (50cm at widest zoom setting),
 2cm to infinity in Macro mode
Optical viewfinder: Real-Image zoom viewfinder
 Frame coverage: approx. 80%; Dioptre adjustment: –2 ~ +2m⁻¹
LCD monitor: 1.5-in., low-temp. polysilicon TFT (LED-BKL) 110,000-dot; bright-ness (5 levels) adjustment, Frame coverage: approx. 97%
Storage system: Exif 2.2 file (uncompressed TIFF-RGB or compressed JPEG)
 Design rule for camera file system (DCF), Fine: approx. 1/4;
 Normal: approx. 1/8; Basic: approx. 1/16; uncompressed mode
 TIFF-RGB
 Quick Time Motion JPEG (Movie, Audio)
Media: CompactFlash™ (CF) Card Type I and Type II (compatible with 512MB/1GB Microdrive™)
 No. of frames with 16MB CF Card (approx.)

| Image quality | Image size | 2272 | 1600 | 1280 | 1024 | 640 | 3:2 |
|---------------|------------|------|------|------|------|-----|-----|
| HI | | 1 | - | - | - | - | 1 |
| FINE | | 8 | 16 | 24 | 37 | 86 | 9 |
| NORMAL | | 16 | 31 | 47 | 69 | 144 | 17 |
| BASIC | | 32 | 59 | 86 | 121 | 229 | 34 |

Shooting modes: AUTO, SCENE, P, S, A, M
Scene modes: Portrait, Party/Indoor, Night Portrait, Beach/Snow, Landscape, Sunset, Night Landscape, Museum, Fireworks Show, Close Up, Copy, Back Light, Sports, Panorama Assist, Dawn/Dusk and Multiple Exposure
Shooting menu options: Single, Continuous, Ultrahigh-speed Continuous (approx. 30 fps for 70 QVGA-size images), Movie with audio (35 seconds for QVGA-size images at 15 fps), Multi-Shot 16 (5 fps; 16 frames in 1/16 size), Image Adjustment (Auto / Normal / More Contrast / Less Contrast / Lighten / Darken), Image sharpening (Auto/High/Normal/Low/Off), Saturation control, Self-timer
Exposure metering: 4-mode TTL metering: 1) 256-segment Matrix, 2) Center-Weighted, 3) Spot, 4) AF Spot
Shutter: Mechanical and charge-coupled electronic shutter; 8 to 1/2,300 s, and Bulb (up to 5 min.)
Aperture: 7-blade iris diaphragm; 10 steps in 1/3 EV increments
Exposure control: 1) Programmed Auto with Flexible Program [P], 2) Shutter-Priority Auto [S], 3) Aperture-Priority Auto [A], 4) Manual [M]; Exposure Compensation (±2 EV in 1/3 EV steps); Auto Exposure Bracketing EV –2.2 ~ +17 (W), EV –0.3 ~ +18.1 (T) (ISO 100 equivalent)
Exposure range: EV –2.2 ~ +17 (W), EV –0.3 ~ +18.1 (T) (ISO 100 equivalent)
Sensitivity (approx.): Auto or Manual (ISO 100, 200, 400, 800 equivalent); can be controlled in any exposure mode
White balance: 1) Matrix Auto White Balance with TTL control, 2) 5-mode Manual with fine tuning (Daylight/Incandescent/Fluorescent/Cloudy/Speedlight), 3) Preset, 4) White Balance Bracketing
Self-timer: 10 or 3 seconds duration
Auto OFF mode: 1 min.; can also be set manually (30 seconds, 1/5/30 min.)

Built-in Speedlight: Auto pop-up type
 Shooting range: approx. 0.5 – 3.0m (W), approx. 0.5 – 1.6m (T)
 Flash control: Sensor flash system
 Flash modes: 1) Auto Flash, 2) Anytime Flash, 3) Night Portrait (Slow Sync. Flash), 4) Red Eye Reduction with pre-Flash, 5) Flash Cancel
External Speedlight: Multi-flash sync terminal connects to external Nikon Speedlight SB-800/30/22s through the Multi-Flash Bracket Unit SK-E900; built-in Speedlight can be cancelled when using external Speedlight(s)
Playback menu options: 1) 1 frame, 2) Thumbnail (4/9 segments), 3) Slide show, 4) Enlarged playback (up to 6x); Histogram indication and highlight point display; Focus confirmation indication; Hide and protect attributes can be set to each image
Interface: USB
I/O terminal: Power input; Audio/Video output (NTSC or PAL selectable); Digital terminal (USB/Remote Cord); Sync terminal for external Speedlight
Power requirements: One Rechargeable Li-ion Battery EN-EL1 (included), One 6V 2CR5 (or DL245) lithium battery (optional), AC adapter EH-53 (optional)
Battery life: Approx. 100 min. (as measured at room temperature (20°C [68°F]) under standard Nikon test conditions: monitor on, zoom adjusted with each shot, flash used in approx. one third of photographs, image quality set to NORMAL, image size 2,272 x 1,704)
 130 x 73 x 50mm (5.1 x 2.9 x 2.0 in.)
Dimensions (W x H x D): 130 x 73 x 50mm (5.1 x 2.9 x 2.0 in.)
Weight: Approx. 360g (12.7 oz.) (without battery and storage media)
Accessories included*: Lens cap, Neck strap, Audio Video cable, 16MB CompactFlash™ Card, USB cable UC-E1, Rechargeable Li-ion Battery EN-EL1, Battery Charger MH-53, Nikon View CD-ROM
Optional accessories: Fisheye Converter FC-E8, Wideangle Converter WC-E63/WC-E68, Telephoto Converter TC-E2/TC-E3ED, Slide Copy Adapter ES-E28, Step Down Ring Lens Adapter UR-E7, Multi-Flash Bracket Unit SK-E900, Rechargeable Li-ion Battery EN-EL1, AC Adapter EH-53, DC Charger MH-53C, Remote Cord MC-EU1, Various size CF cards, LCD Hood HL-CP10

*Standard accessories may differ by country or area

Nikon View System Requirements

| Macintosh | | Windows | |
|------------------|---|------------------|---|
| OS | Mac® OS 9.0 – 9.2 (only built-in USB ports supported), Mac® OS X (10.1.3 or later) | OS | Windows® 98SE, Windows® Me, Windows® 2000 Professional, Windows® XP Home Edition, Windows® XP Professional pre-installed model |
| Models | iMac™, iMac™ DV, Power Macintosh® G3 (Blue & White), Power Mac™ G4 or later; iBook™, PowerBook® G3 or later (only built-in USB ports supported) | Models | Only models with built-in USB ports supported |
| RAM | 64MB or more recommended | CPU | Pentium® 300MHz or faster |
| Hard disk | 60MB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when Nikon View is running | RAM | 64MB (128MB or more recommended) |
| Display | 800 x 600 with thousands of colors (millions of colors recommended) | Hard disk | 60MB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when Nikon View is running |
| Others | CD-ROM drive required for installation | Display | 800 x 600 with High Color (True Color recommended) |
| | | Others | CD-ROM drive required for installation |

•Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
 •Macintosh® and QuickTime® are either registered trademarks or trademarks of Apple Computer Inc. in the United States and/or other countries.
 •CompactFlash™ is a trademark of SanDisk Corporation. •Microdrive™ is a trademark of Hitachi Global Storage Technologies in the United States and/or other countries. •Products and brand names are trademarks or registered trademarks of their respective companies.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.

© 2002-2004 NIKON CORPORATION



NIKON CORPORATION
 Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku,
 Tokyo 100-8331, Japan
<http://nikonimaging.com/>