COOLPIX 8700

DIGITAL CAMERA

Nikon

the power of 8ography™

8.0 Effective Megapixels
8x Zoom Nikkor Lens
Mg Magnesium Alloy Body
12 Scene Modes
Key Features and Benefits

- **8.0 Effective Megapixels**
  for 23MB files that produce stunning 20" x 30" prints

- **8x Optical Zoom-Nikkor ED Lens**
  for focal length range of 35-280mm. Includes ED glass for incredible color, contrast and sharpness

- **Electronic Viewfinder** and Vari-Angle LCD provide for enhanced frame coverage and bright viewing

- **12 Scene Modes**
  automatically adjust settings for great pictures instantly

- **TV-quality Movies**
  up to 35 seconds at 30 fps with audio

- **Time-lapse Movie Mode**
  creates QuickTime movies from images taken using the time-lapse feature

- **RAW Image Data Recording Mode**
  for maximum image control

- **AF Assist**
  helps to ensure accurate focus when shooting in dark lighting situations

- **PictBridge Compatible**
  print directly to any PictBridge or USB direct enabled printer

- **Superior Exposure, Image and Metering Controls**
  to maximize the possibilities and make the most of every photo opportunity

Here’s what’s included:
- Lens Cap
- Camera Strap
- AV Cable
- UC-E1 USB Cable
- EN-EL1 Rechargeable Li-ion Battery
- MH-53 Battery Charger
- Nikon Browsing Software (Coolpix) CD-ROM

Auto Built-in Pop-up Flash
minimize red-eye with Built-in Pop-up Flash

Rugged Magnesium AlloyBody

ED glass Lens
(Extra-low Dispersion)
minimizes chromatic aberrations for crisp, clear shots

Quick Review
1.8" LCD Monitor with Quick Review lets you instantly confirm a shot you just took or review any of the other images stored on the CompactFlash™ Card.

Vari-Angle LCD monitor
lets you shoot at any angle

5-Area Multi Autofocus
**NEW! Time Lapse feature in Movie Mode**

Camera takes a series of still images at specified intervals (30 seconds to 60 minutes) and joins these frames together to create a Quicktime™ movie with a frame rate of 30 frames per second.

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**Super Telephoto Macro**

Increase your Macro working distance or get as close as 1.2”

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**Hot Shoe**

Attach additional speedlights

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**Enhanced electronic through-the-lens viewfinder**

235,000-dot TFT Color LCD viewfinder with diopter adjustment

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**AF-assist illuminator**

To ensure sharp focusing in difficult compositions and low light

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**Compatible with CF Cards**

Including 2GB and larger, as well as Microdrive™

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**Show photos on your TV**

Hot Shoe attach additional speedlights

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**Optional Accessories:**

- FC-E9** Fisheye Lens
- WC-E60 Wide Angle Converter Lens
- TC-E15ED Telephoto Converter Lens
- UR-E12 Step Down Ring Lens Adapter
- UR-E8 Step Down Ring Lens Adapter
- WC-E80* Wide Angle Converter Lens
- FC-E9** Fisheye Lens
- LE-E8 HD Lens Adapter
- LE-E8 HD Lens Adapter
- HN-CP11 Lens Hood
- MB-E1 Battery Pack
- EH-E3 AC Adapter
- MH-53C Car Battery Charger
- MC-EU1 Remote Cord
- Leather Carrying Case

* requires UR-E8  ** requires UR-E12
Portrait
Emphasizes a subject with natural skin tones against a soft, pleasing background.

Versatile 12 Scene Modes

Twelve programmed Scene Modes make it easy to capture optimal results in the most diverse shooting situations.

- Portrait
- Panorama Assist
- Sunset
- Copy
- Night Portrait
- Night Landscape
- Landscape
- Beach/Snow
- Close Up
- Fireworks Show
- Back Light
- Panorama Assist

NikonView Software

NikonView software comes with every Nikon Coolpix Digital Camera. This powerful application provides all the functionality you need to send, share, save and edit your pictures.

NIKONVIEW FEATURES INCLUDE:

- Edit & Enhance Shots
- Make Web Pages
- Print
- Upload to the Web
- Send E-mail
- Rename Files
- Create Slide Shows
- Burn CDs

One-Touch Red-Eye Fix™
automatically removes most typical occurrences of red-eye with the click of a mouse

BEFORE

AFTER

Noise Reduction Mode
Minimize digital artifacts in long exposures

White Balance Bracketing
Ensure proper color balance

Continuous shooting at 2.5fps
Now you can take up to five full-size, 8-megapixel (3,264 x 2,448) images at 2.5 frames per second.

Accessible through the Shooting Menu

Saturation Mode
Control color saturation

Five Area AF Multi-Selector/Menu Control

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8-megapixel resolution
The COOLPIX 8700 and its newly developed CCD offer 8.0 effective megapixels for an astounding high resolution of 3,264 x 2,448 pixels. Quality like this makes images of exceptionally high definition possible — even when cropped.

8x Zoom-Nikkor lens
The 8x zoom gives you the power of a 35-280mm (35mm [135] equiv.) lens, while Macro capability lets you get as close as 1.2 in. (3cm). This combination is supported by Nikon’s world-renowned optical technology, with two ED glass elements delivering crisp, clear images while minimizing chromatic aberration — all of which helps realize the full potential of 8.0 effective megapixels.

Lifelike image reproduction
The COOLPIX 8700’s exclusive image processing technology takes true-to-life images a step closer to reality. A 256-segment Matrix Metering system enables optimal exposures in even the most challenging lighting environments, while Matrix Auto White Balance neutralizes color deviations created by ambient light sources. Both advanced features allow the COOLPIX 8700 to preserve a faithful reproduction of color, detail and gradation.
Digital Camera Specifications

- **Type of camera**: Digital camera E8700
- **Effective pixels**: 8.0 million
- **CCD**: 2/3-inch-type CCD (total pixels: 8.31 million)
- **Image size (pixels)**: 6M (3,264 x 2,448), 5M (2,952 x 1,984), 3M (2,048 x 1,536), 2M (1,600 x 1,200), 1M (1,280 x 960), PC (1,024 x 768), TV (640 x 480), 32 (2,364 x 1,776) selectable
- **Lens**: 8x Zoom-Nikon 8-77.2mm (35mm format equivalent to 35-288mm) (f/8 - 4.2 with macro, 14 elements in 10 groups; all elements are made of environmentally friendly glass; Nikon Super Integrated Coating (SIC) applied; two glass molded ED lens elements included
- **Digital zoom**: Up to 4x
- **AF system**: Contrast-detect TTL AF with AF-assist illuminator; 5-area Multi AF or 11-area Multi AF with focus confirmation indication
- **Focus range**: 1.2 in. (3cm) to infinity (+∞) with focus confirmation indication
- **Viewfinder**: 0.44-inch type, 235,000-dot, polycrystalline TFT color LCD viewfinder; Diopter adjustment: +4 to -4 diopters
- **LCD monitor**: 1.8-inch type, 134,000-dot High Transmissive Advanced TFT LCD monitor with brightness and hue adjustment; frame coverage: approx. 97% (Through, Freeze), 100% (Play)
- **Storage**: System: Ext 2.2 Hard Drive (uncompressed RAW [NEF] and TIFF-RGB or compressed JPEG), Design rule for Camera File System (DCF), Digital Print Order Format (DPOF), Exif 2.2 file (uncompressed RAW [NEF] and TIFF-RGB or compressed JPEG), QuickTime Motion JPEG (Movie, Audio), Media: CF Card Type I, Microdrive™ Card
- **Number of frames with optional 256MB CF Card (approx.)**
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- **Shooting modes**: AUTO, SCENE, Custom 1, Custom 2
- **Scene modes**: Portrait, Party/Indoor, Night Portrait, Beach/Snow, Landscape, Sunset, Night landscape, Fireworks show, Close up, Copy, Close up, Copy, Back light, and Panorama assist
- **User setting**: 1) Single, 2) Continuous H (2.5 fps; up to 5 frames), 3) Continuous L (7.2 fps, up to 12 frames), 4) Multi-shot 16 (consecutive 16 frames at 1.5 fps), 5) Ultra HS (high-speed) (640 x 480 pixels, 30 fps, up to 100 frames), 6) 5-shot buffer (1 fps), 7) Interval Timer Shooting, 8) Movie: Movie (640 x 480 pixels) with audio at 15 fps; up to 180 seconds, Time-lapse movie (640 x 480 pixels) at 30 fps; up to 35 seconds, or Movie (320 x 240 pixels) with audio at 15 fps, up to 180 seconds
- **Exposure metering**: 4-mode TL metering, 1) 256-segment matrix, 2) Center-Weighted, 3) Spot, 4) Spot AF area
- **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 increments), AE-BS (three modes: Highlight, Shadow, Highlight)
- **Exposure range**: EV -1.0 to +19.0 (W), EV +0.5 to +19.0 (T)
- **Shutter**: Mechanical and charge-coupled electronic shutter; 1/4,000 (with minimum aperture) to 2 s (in AUTO mode) or Programmed Auto (P); 1/4,000 to 8 s in Shutter-Priority Auto (S) and Aperture-Priority Auto (A), 1/4,000 to 8 s and Bulb/Time (up to 10 minutes) in Manual (M), 1/8,000 to 1/0.01 s in Ultra HS (high-speed mode). At some apertures, maximum shutter speed is 1/0.002 s.
- **Aperture**: 7-blade iris diaphragm, 10 steps in 1/3 EV increments (to minimum of f/8)
- **Sensitivity**: Approximately equivalent to ISO 50, 100, 200, 400, and Auto (gain to ISO 250 equivalent)
- **White balance**: 1) Auto White Balance with TTL control, 2) 6-mode Manual with fine tuning (Daylight/Incandescent/Fluorescent/Cloudy/Speedlight/Shade), 3) Preset, 4) White Balance Bracketing
- **Self-timer**: 10 or 2-second duration

- **Built-in Speedlight**: Shooting range: approx. 1.6 - 13.5 ft. (0.5 - 4.1m) (W), approx. 1.6 - 8.9 ft. (0.5 - 2.7m) (T) (Flash modes: 1) Auto Flash, 2) Flash Cancel, 3) Red Eye Reduction, 4) Slow shutter Flash, 5) Night Portrait (Slow Sync Flash)
- **Accessory shoe**: Standard ISO hot-shoe contact with safety lock
- **External Speedlight**: Hotshoe connects to external Nikon Speedlight SB-800/80DX/202/22; built-in Speedlight can be canceled when using external Speedlight(s)
- **Playback menu options**: 1) Full-frame, 2) Thumbnail (4/9 segments), 3) Slides show, 4) Movie with audio, 5) Playback zoom (up to 6x), 6) File information, 7) Shooting information, Histogram indication and highlight point display, Hides and protects attributes can be set to each image; Focus confirmation indication; RAW image playback
- **Interface**: USB
- **I/O terminal**: DC in, Audio/Video (NTSC or PAL selectable) out, Digital I/O (USB/Remote cord)
- **Power requirements**: One EN-EL1 Rechargeable Li-ion Battery (included), MB-E5700 Battery Pack (optional) with six 1.5V LR6 (AA-size alkaline) batteries, one 2CR5 (ULH5) lithium battery (optional), EH-53 AC Adapter (optional)
- **Battery life**: 210 images (EN-E1) or 240 images (2CR5) Measured at 20°C (68°F) with fully-charged batteries under standard Nikon test conditions; monitor on, zoom adjusted with each shot, flash used about once every three shots, image quality set to Normal
- **Dimensions (W x H x D)**: 4.4 x 1 x 3.1 in. (113 x 105 x 79mm)
- **Weight**: Approx. 17 oz. (480g) (without battery and storage media)
- **Accessories included****: Lens Cap, Camera Strap, AV Cable, UC-E1 USB Cable, EN-EL1 Rechargeable Li-ion Battery, MH-53 Battery Charger, NikonView CD-ROM
- **NikonView 6**: System requirements for Macintosh: OS: Mac® OS 9.0 - 9.2 (only built-in USB ports supported), Mac® OS X (10.1.3 or later)
  - Models: Mac®, Mac® DV, Power Macintosh® G3 (Blue & White), Power Mac® G4 or later, PowerBook® G3 or later (only built-in USB ports supported)
  - RAM: 64MB or more recommended
  - Hard disk: 40GB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when NikonView 6 is running
  - Others: CD-ROM drive for installation
- **NikonView 6**: System requirements for PC:
  - Models: Only models with built-in USB ports supported
  - CPU: Pentium® or faster
  - RAM: 64MB or more recommended
  - Hard disk: 40GB required for installation, with additional amount equivalent to twice the capacity of the camera memory card plus 10MB required when NikonView 6 is running
  - Others: CD-ROM drive for installation
- **Product Number**: 25515

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