### Nikon





FEEL RIGHT. FEEL COMPLETE.

## Totally *electrifying.*Totally *captivating.*

# Totally Nikon.

Nikon: A company ready to embrace the toughest of challenges and respond with innovative solutions.

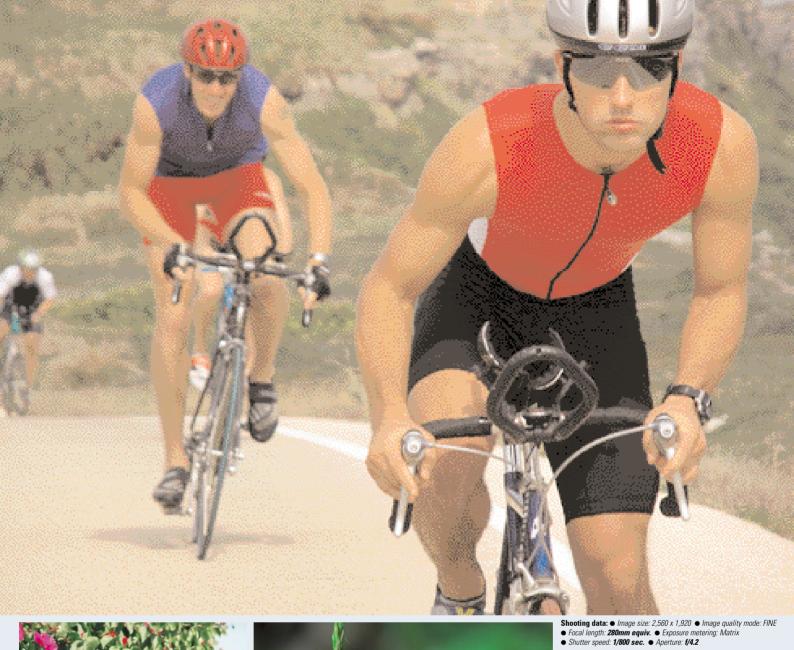
Solutions such as a fast, powerful and class-leading digital camera, which is also controllable and functional, creative and inspiring. A challenge indeed, now met and conquered in the realization of the new COOLPIX 5700.

The best way to appreciate the true value and beauty of this camera is to actually hold it in your hands. You'll feel as if it was designed specifically for you, with its smooth contours and intelligent, ergonomic design. You'll want to immediately take the COOLPIX 5700 out and push your creative abilities to the limit... and beyond.

The COOLPIX 5700, along with awesome digital power, world-class optics and the deft balance of a truly innovative design, possesses that "feel" that you've longed for in a digital camera. Pick up the COOLPIX 5700 for the total digital photography experience.

- 8x Zoom-Nikkor lens with focal range of 35 ~ 280mm\*, two ED lens elements
- 5.0 effective megapixels plus Nikon's advanced image-processing algorithm and large-size 2/3-in.-type CCD
- Magnesium-alloy body offers refined feel and ergonomics in a compact size
- New **Electronic Viewfinder (EVF)** offers bright, accurate through-the-lens frame coverage; **Vari-angle LCD** presents images almost immediately and affords convenience in virtually any shooting position, plus LCD monitor protection; both present images almost immediately
- Improved response thanks to shutter release lag time of only 70msec.
- Shutter speeds from 1/4,000\*\* to 8 sec.
- New RAW image data (NEF format) recording mode
- Movies with audio (up to 60 sec.); built-in speaker for confirmation playback
- Built-in Speedlight featuring selectable auto/manual pop-up; accessory shoe for external Speedlight attachment
- Easy-to-use **Nikon View 5** software affords smooth image transfer, management
- Optional Nikon Capture 3 software provides dedicated, high-performance post-processing image control tools
- Optional **system accessories** including wideangle, telephoto converter lenses, battery pack, lens hood
- \* 35mm (135) format equiv
- \*\* Available when aperture is stopped down more than 1 1/3 steps from maximum aperture.







Shooting data: ● Focal length: 280mm equiv. ● Exposure metering: Matrix ● Shutter speed: 1/290 sec. ● Aperture: f/4.2



Shooting data: ● Focal length: 280mm equiv. (Super-telephoto macro) ● Focus range: 50cm ● Exposure metering: Matrix ● Shutter speed: 1/76 sec. ● Aperture: f/4.2



Shooting data: ● Focal length: 35mm equiv.
● Exposure metering: Matrix ● Shutter speed: 3.9 sec.
● Aperture: f/4.5 ● Noise Reduction Mode ON



Shooting data: • Focal length: 280mm equiv.

- Exposure metering: Matrix Shutter speed: 1/358 sec.
   Aperture: f/4.2

   Exposure metering: Matrix Shutter speed: 1/55 sec.
   Aperture: f/5.5

   Exposure metering: Matrix Shutter speed: 1/55 sec.
   Aperture: f/5.5



Shooting data: ● Focal length: 66mm equiv.



- Shooting data: Focal length: 83mm equiv.

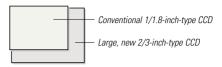
### UNBELIEVAB

#### High-performance 8x Zoom-Nikkor lens

Nikon has applied its world-renowned optical technology to the creation of this new lens, which features a focal range of **8.9~71.2mm (35~280mm in** 35mm [135] equiv.), giving you the freedom to

capture life's moments. The lens' two ED lens elements minimize chromatic aberration, giving you crisp, clear images from almost any perspective. The COOLPIX 5700 further features 4x digital zoom capability, extending the focal length to an amazing approx. 1,120mm equivalent.

#### 5.0 Effective Megapixels



A 2/3-inch type CCD offering a wider dynamic range combines with the 8x Zoom-Nikkor ED lens and 5.0 effective megapixels to deliver smooth, highly detailed, brilliantly colorful images.

The maximum recording image size of 2,560 x 1,920 pixels enables the reproduction of minute details in prints well beyond A3 size (297 x 420mm).

#### Nikon's advanced image processing algorithm

Nikon's tireless research and analysis into image processing have resulted in an algorithm that enables superior color reproduction and white balance. This allows the COOLPIX 5700 to capture broad tonal ranges as well as highly subtle nuances. One look at the images you capture, and you will immediately recognize the benefits of Nikon's advanced technology.





#### **Exposure metering**

For optimal exposures in even the most difficult lighting conditions, the COOLPIX 5700 incorporates Nikon's exclusive 256-segment Matrix Metering [23], along with Center-Weighted [19] and **Spot Metering** [...] for enhanced versatility. In Spot AF Area Metering, the metering automatically targets your selected focus area as the area of optimal exposure.

#### Shooting data:

- Image size: 2,560 x 1,920
- Image quality mode: FINE
- Focal length: 100mm equiv.
  Exposure metering: Matrix
- Aperture: f/4.6

### COOLPIX5700

## LE QUALITY

#### New RAW data recording mode

The COOLPIX 5700 is the first in the series to offer **RAW image data recording mode**, a feature commonly found in professional digital SLR (Single-Lens Reflex) cameras. RAW images can be viewed on the LCD monitor. This mode is very valuable to photographers who may not have time to make detailed camera settings prior to shooting, and want to adjust images after they have been captured.

By using the optional **Nikon Capture 3** software application, all digital aspects of the image can be adjusted afterwards (such as white balance of RAW image data [NEF format] and exposure) on a personal computer. Post-processing potential and image quality are greatly enhanced.

### Flexible exposure controls with top shutter speed of 1/4,000 sec.\*

The newest COOLPIX offers four exposure modes — **Programmed Auto [P]** with Flexible Program, **Shutter-Priority Auto [S], Aperture-Priority Auto [A]** and **Manual [M]**, covering a wide range of creative control requirements.

With the maximum aperture selected, 1/4,000 sec. shutter speed is possible in all exposure modes\*

Extremely accurate aperture value control is enabled by a **seven-blade precision-rounded iris diaphragm**.

Manual shift from -2 to +2 in 1/3 EV steps with **Exposure Compensation**, or the selection of **Auto Exposure Bracketing** permits full flexibility in Auto and manual modes.

 $^{\ast}$  1/4,000 sec. available when aperture is stopped down more than 1 1/3 steps from maximum aperture.



#### Shooting data

- Focal length: 70mm equiv.
   Fxnosure metering: Matrix
- Shutter speed: 1/4000 sec.
- Aperture: f/5.2

#### **TTL White Balance**

For excellent, automatic measurement of a scene's white balance, and automatic adjustment according to the prevailing conditions, the COOLPIX 5700 incorporates **Matrix Auto White Balance**.

**Five Manual settings** (Fine/ Incandescent/ Fluorescent/Cloudy/Speedlight) give you precise and creative control.

And **Preset mode** measures, analyzes and memorizes white balance values from any available neutral reference.

#### **White Balance Bracketing**

The COOLPIX 5700 offers White Balance

**Bracketing**, which automatically captures the same scene at three different white balance settings (reddish, selected value, bluish) with a single release of the shutter, giving you more creative freedom during editing.

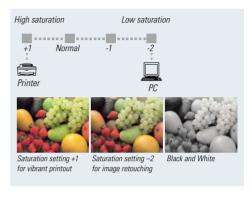
This feature is ideal for shooting in more difficult conditions, such as a scene with mixed light sources.



#### **Saturation Control**

High color saturation suitable for home prints, and low color saturation which offers a wider tonal range and facilitates retouching via computer, are enabled by **four steps of color saturation adjustment** 

There's even a **Black and White** mode for beautiful gray tone images.



#### **Noise Reduction Mode**

This advanced feature employs a multiple exposure technique which eliminates the buildup of intrusive background noise from the CCD, making extended time exposure images possible.

Noise Reduction

Noise Reduction

Noise Reduction Mode includes a **Clear Image Mode\***, which gives you a **wider dynamic range** and **superior S/N ratio**, for outstanding images with ultra-smooth gradation at sizes up to 1,280 x 960 pixels (SXGA size).

\* This feature is not recommended for moving subjects. Camera shake or subject movement may result in a blurry image. Use of a tripod is recommended.

Mode OF

Shooting data: ● Image size: 2.560 x 1,920 ● Focal length: 46mm equiv.
● Exposure metering: Matrix ● Shutter speed: 8 sec. ● Aperture: 1/5.3
● Noise Reduction Mode ON

## UNCONDITIO

#### Five-Area Multi Autofocus

The COOLPIX 5700 offers unparalleled focusing precision via Five-Area Multi

**Autofocus** The thumb-operable Multi Selector lets you



Five-Δrea Multi Δutofocus

select any of five focus areas in the frame for your primary subject, making composition easier and more flexible.

And precise determination of the focus point is enabled by a 64-step Manual focus with convenient LCD monitor focus confirmation indication.

#### Quick response

The COOLPIX 5700 is designed to **respond rapidly**, with improvements having been made in shutter release time lag\* and other functions, from start-up to zoom, autofocus and image processing.

\* at Quick Response mode

#### Intelligent built-in Speedlight / Accessory shoe

When ambient light is insufficient, or when the subject is backlit, the COOLPIX 5700's intelligent builtin Speedlight pops up automatically, ready to fire. You can also easily attach an external Speedlight such as the new SB-80DX or SB-30 to the camera's accessory shoe to shed even more light on the subject.

Once an external Speedlight is attached it overrides the operation of the built-in Speedlight, but you can set the camera to fire both simultaneously in situations where more light is needed.

with Speedlight SR-30

#### **New Electronic Viewfinder (EVF) /** Vari-angle LCD

The Electronic Viewfinder (EVF), a first for the COOLPIX series, employs a 180,000-dot polysilicon TFT LCD which features an anti-reflective coating, resulting in enhanced frame coverage and a bright preview.

The Vari-angle LCD monitor makes shooting easy in virtually any position, while also featuring a design which protects the LCD from dirt and damage when not in use.

The monitor also features a Quick Response **mode**. Select this mode when shooting moving subjects, as it prevents the image from "freezing" on the monitor when the shutter release button is pressed halfway.

#### Macro and super-telephoto macro / **Best Shot Selector (BSS)**

Macro capability is a renowned feature of COOLPIXseries cameras. With the COOLPIX 5700, Macro photography as close as 3cm (1.2 in.) to your subject is possible, and you can get as near as 50cm (19.7 in.) in the 280mm equiv. telephoto range, with superb image quality and reproduction of minute details

The Best Shot Selector (BSS) automatically selects the "sharpest" image from a series of consecutive shots. This feature proves to be most valuable during macro and telephoto shooting. BSS is also available when shooting in RAW mode.

#### **Continuous shooting**

You can take up to three consecutive full-size (2,560 x 1,920-pixel) pictures at 3 frames per second in Continuous H (High) mode, or at 1.5 fps in Continuous L (Low) mode.

Multi-Shot 16 takes 16 VGA-size (640 x 480-pixel) pictures consecutively at 3 fps, and records them as a single full-size image.

For super-fast shooting, there's **Ultra High-speed Continuous** mode, which lets you take up to 100 QVGA-size (320 x 240-pixel) pictures at a rapid 30

It can also take **movies with audio** (up to 60 sec.) and has a built-in speaker for confirmation playback.



#### Shooting data:

- Focal length: 280mm equiv.
- Exposure metering: Matrix
  Shutter speed: 1/619 sec.

- Capture mode: Continuous H

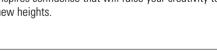
#### Magnesium alloy body

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In creating the body of the COOLPIX 5700, Nikon designers specified a tough yet lightweight magnesium alloy, and have strived to ensure a highly ergonomic design.

From the delicate curves to the finely textured finish, the COOLPIX 5700 is the pinnacle of digital camera

What's more, the intelligent layout of the dial and buttons makes operation incredibly easy and inspires confidence that will raise your creativity to new heights.



#### **Quick Review / Various playback modes**

While still in record mode, you can check any previously captured images in quarter-screen simply by pressing the Quick Review button. Press again to see a single full-frame image, and press the shutter release button if you wish to reengage record mode. A variety of playback modes confirmed as standard features essential for digital photography in earlier COOLPIX models can also be found in the COOLPIX 5700 — zoom playback, thumbnail, histogram indication, focus confirmation indication and highlight point display are all available.





hotshoe





### COOLPIX5700

### NAL CONTROL

#### **USB** interface / **Driver, Imaging software**

Connect your camera to a computer via the USB 1.1 interface and it shows up on your screen as another hard disk, for fast, easy transfer.

Dedicated driver software. Nikon View 5 (for Windows & Macintosh) launches automatically when the camera is connected to a PC with the USB cable. Nikon View 5 can also be used to confirm RAW



images, available for the first time in a COOLPIX camera. And for total image control. there's the optional Nikon Capture 3 — the post-production imaging tool that's a key element to any digital imaging workflow.

#### **Power source**

The COOLPIX 5700 comes with the Rechargeable Li-ion Battery EN-EL1 which, when fully charged. enables approximately 90 min. of continuous oper-

The optional Battery Pack MB-E5700 uses six 1.5V LR6 (AA-size alkaline) batteries for extended battery life, and features its own shutter release button. making it particularly well-suited for vertical shooting.

#### **System Accessories**

Nikon offers a wide range of quality accessories compatible with the COOLPIX 5700, including the new 28mm\* Wideangle Converter WC-E80, the 1.5x TC-E15ED (approx. 420mm equiv. with converter), Remote Cord MC-EU1 and a variety of Nikon Speedlights, as well as Lens Hood HR-E5700

\* 35mm (135 format) equiv

#### **Recording media**

In addition to the supplied Nikon EC-CF CompactFlash™ Card, the COOLPIX 5700 is compatible with the other cards in the EC-CF series, as well as IBM Corporation's Microdrive™ Cards, giving you a wide range of storage options.

In addition to Nikon's EC-CF series, the COOLPIX 5700 can be used with the following CompactFlash™ Cards SanDisk Corporation's SDC-FB16/32/48/64/96/128, and Lexar Media

Corporation's CF008/016/032/048/064/080 4X USB CF008/016/032/048/064/080 8X USB and CF128/160 10X USB. IBM Corporation's DSCM-10512 (512MB) and DSCM-11000 (1GB) are also

For more details, please contact the respective company



With Wideangle Converter WC-E80

Shooting data: ● Image size: 2,560 x 1,920

• Focal length: Approx. 28mm equiv. (with converter) ● Exposure metering: Matrix ● Shutter speed: 1/446 sec. ● Aperture: f/6.3

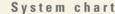


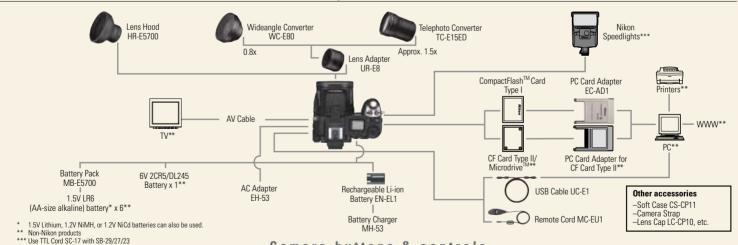
With Telephoto Converter TC-15ED

Shooting data: ● Image size: 2,560 x 1,920

• Focal length: Approx. 420mm equiv. (with converter)

Exposure metering: Matrix ● Shutter speed: 1/569 sec. ● Aperture: f/5.3





Camera buttons & controls





#### **Nikon Digital Camera COOLPIX 5700 Specifications**

Type of camera Effective pixels CCD CD Image size Digital camera E5700 2,3-inch-type CCD (to 2560 (2,560 x 1,920),

Lens

2/3-inch-type CCD (total pixels: 5.24 million)

2/560 (2,560 x 1,920), 1600 (1,600 x 1,200), 1280 (1,280 x 960), 1024 (1,024 x 768), 640 (640 x 480), 3:2 (2,560 x 1,704) selectable 8x Zoom-Nikkor; f=8.9~71.2mm [35mm (135) format equivalent to

35~280mm] /F2.8~4.2 with macro; 14 elements in 10 groups; all elements are made of environmentally

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
Autofocus Contrast-detect

Contrast-detect TTL AF; 5-Area Multi AF or Spot AF

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 (64 steps from 3cm [1.2 in.] to infinity ( $\infty$ ) with

Focus Confirmation Indication) 50cm (19.7 in.) to infinity ( $\infty$ );

3cm (1.2 in.) to infinity (∞) in Macro mode **Viewfinder** 180,000-dot Electronic viewfinder (EVF); Diopter adjus

Viewfinder

180,000-dot Electronic viewfinder (EVF); Diopter adjustment: -4 ~ +1m<sup>-1</sup>;
Frame coverage: Approx. 97% (Through, Freeze), 100% (Play)

1.5-in., 110,000-dot, Low-temp. polysilicon TFT LCD (LED backlight);
brightness/hue adjustment; Frame coverage: Approx. 97% (Through,

Freeze), 100% (Play)

Storage System: EXIF 2.2 file (uncompressed TIFF and RAW or compressed JPEG)
Design rule for Camera File system (DCF), Digital Print Order

Format (DPOF), QuickTime Motion JPEG (Movie) Media: CF Card Type I/II, 512MB/1GB Microdrive™ Card

#### Number of frames with 32MB CF Card (approx.)

Image size	2560	1600	1280	1024	640	3:2
Image quality						
RAW	3	-	-	-	-	-
HI	2	-	-	-	-	2
FINE	13	32	50	75	173	14
NORMAL	26	62	95	139	289	28
BASIC	51	118	173	243	459	55

**User setting** 

1) Automatic mode (default); Custom mode (three combinations of mode setting can be memorized in #1-#3), 2) White Balance, 3) (Exposure) Metering, 4) Continuous (Shooting), 5) Best Shot Selector (BSS), 6) Image Adjustment (Auto/Normal/More Contrast/Less Contrast/Lighten/Darken, 7) Saturation Control (-2 ~ +1/Black & White), 8) Lens, 9) Exposure Options (AE Lock, Maximum bulb duration 1 min./5 min.), 10) Focus Options, 11) Image Sharpening, 12) Auto Bracketing, 13) Noise Reduction, Clear Image 14) Quick Response

**Capture modes** 

1) Single,

2) Continuous H (3 fps; up to 3 frames),

3) Continuous L (1.5 fps),

4) Multi-Shot 16 (consecutive 16 frames at 3 fps),

5) Ultra High-speed Continuous (QVGA-size images; 30 fps; number of frames selectable, up to 100 frames),

6) Movie with audio (QVGA-size images; 15 fps; up to 60 sec.)

**Shutter** Mechanical and charge-coupled electronic shutter;

1/4,000 to 8 sec. (when aperture is stopped down to within 1 1/3 steps

from maximum aperture); Bulb time limit (up to 5 minutes)
7-blade iris diaphragm; 10 steps in 1/3 EV increments
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 (3 or 5 frames within +2 EV)

Exposure metering 4-mode TTL metering; 1) 256-segment Matrix [ ],

2) Center-Weighted (19), 3) Spot (1-1), 4) Spot AF Area (1-1)

Exposure range EV -2.0 ~ +18.0 (W), EV -0.5 ~ +18.0 (T) (ISO 100 equivalent)

Sensitivity (approx.) ISO 100 equivalent; 100, 200, 400, 800, and Auto (can be controlled in any exposure mode)

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

Self-timer 10 sec. or 3 sec. duration

Built-in Speedlight Automatic pop-up

Aperture

**Exposure** control

Accessory shoe

Flash shooting distance range: 0.5~4m (1.7~13.1ft) (W), 0.5~2.8m (1.7~9.2ft) (T)

0.5~2.8m (1.7~9.2ft) (T) Flash control: Sensor flash system

Flash modes: 1) Auto Flash, 2) Flash Cancel, 3) Anytime Flash, 4) Night Portrait (Slow Sync. Flash), 5) Red-Eye Reduction Standard ISO 518; safety lock provided prevents Nikon Speedlight

from slipping off

**External Speedlight** Hotshoe connects to external Nikon Speedlight

SB-80DX/50DX/30/29\*/28DX/28/27\*/26/25/24/23\*/22s;

built-in Speedlight can be disabled when using external Speedlight(s)

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; RAW image playback

Interface USB 1.1
I/O terminal Power in

Power input, Audio/Video output (NTSC or PAL selectable),

Digital terminal (USB 1.1/Remote Cord)

Power requirements One Rechargeable Li-ion Battery EN-EL1 (included),

One 6V 2CR5/DL245 lithium battery (optional),

Six 1.5V LR6 (AA-size alkaline) batteries\*\* with Battery Pack MB-E5700 (optional), AC Adapter EH-53 (optional) Approx. 90 min. when using LCD monitor and EN-EL1 battery at

normal temperature (20°C [68°F]) 108 x 76 x 102mm (4.3 x 3.0 x 4.0 in.)

Dimensions (W x H x D)
Weight (without battery)
Accessories included\*\*\*

**Battery life** 

Approx. 480g (16.9 oz.) Lens Cap LC-CP10, Camera strap, AV cable, CompactFlash™ Card,

USB cable UC-E1, Rechargeable Li-ion Battery EN-EL1,

Optional accessories

Battery Charger MH-53, Nikon View 5 CD-ROM
Wideangle Converter WC-E80, Telephoto Converter TC-E15ED,

Lens Adapter UR-E8, Lens Hood HR-E5700, PC Card Adapter EC-AD1, Battery Pack MB-E5700, AC Adapter EH-53, Remote Cord MC-EU1,

Soft Case CS-CP11, Nikon Capture 3 CD-ROM

\* Use with TTL Cord SC-17 for Speedlight SB-29/27/23

\*\* 1.5V Lithium, 1.2V NiMH, or 1.2V NiCd batteries can also be used.

\*\*\* Standard accessories may differ by country or area.

#### **Driver Software Nikon View 5 System Requirements**

Macintosh	OS	Mac® OS 9.0 - 9.2 (only built-in USB ports supported),	Windows	OS	Windows® 98SE, Windows® Me, Windows® 2000 Professional,
		Mac® OS X (10.1.2 or later)			Windows® XP Home Edition, Windows® XP Professional pre-installed model
	Models	iMac™, iMac™ DV, Power Macintosh® G3 (Blue & White), Power Mac™ G4 or		Models	Only models with built-in USB ports supported
		later; iBook™, PowerBook® G3 or later (only built-in USB ports supported)		CPU	Pentium® 300MHz or faster
	RAM	64MB (128MB or more recommended when using RAW data)		RAM	64MB (128MB or more recommended when using RAW data)
	Hard disk	25MB required for installation, with additional amount equivalent to twice the		Hard disk	25MB required for installation, with additional amount equivalent to twice the
		capacity of the camera memory card plus 10MB required when Nikon View 5 is			capacity of the camera memory card plus 10MB required when Nikon View 5 is
		running			running
	Display	800 x 600 with thousands of colors (Millions of colors recommended)		Display	800 x 600 with High Color (True Color recommended)
	Others	CD-ROM drive required for installation		Others	CD-ROM drive required for installation

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"Exif Print" is the industrial term for Exif 2.2, which is a newly established standard for Digital Still Camera Image File Format.



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









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