Inheriting the award-winning image quality, high performance and user-friendliness of the D70, the Nikon D70s introduces refinements that further help photographers freely capture precious moments the instant they unfold.

- 3 fps continuous shooting for up to 144 consecutive shots
- 0.2 sec. power-up and short shutter release time lag
- 1/8,000 sec. shutter speed & 1/500 sec. flash sync
- Large 2.0” LCD monitor with intuitive menus and help display
- Improved 5-area AF system
- 6.1 effective megapixel Nikon DX Format CCD image sensor
- 7 Digital Vari-Program modes
- Built-in Speedlight with flash coverage for 18mm lenses
- Optional Remote Cord MC-DC1

*When using JPEG NORMAL - Large settings, and a SanDisk SDCFH (ultra II), SDCFH (Extreme/Extreme III) or Lexar Media 80X WA CompactFlash™ card

**Image quality mode: RAW (NEF) • Lens: AF-S DX Zoom-Nikkor 12-24mm f/4G ED-IF • Exposure mode: [A] • shutter speed: 1/1000 second, f/5.6 • White balance: Auto • Sensitivity: ISO-equivalent 200
Performance capable of capturing all the action in stride

Speed and precision assure readiness when that special moment arises

Improved 5-area AF system

Nikon’s advanced 5-area Multi-CAM900 autofocus system continues to feature a cross-type sensor in the center, broad frame coverage, as well as the same class-leading low light detection and convenient AF-assist illuminator that aid shooting in dark situations. New are refinements to deliver greater precision with fast, more consistent subject acquisition and improved focus tracking when using Closest Subject Priority Dynamic AF or Dynamic AF mode with predictive focus tracking and Lock-on™.

144-picture 3 fps continuous shooting

The D70s can shoot a rapid 3 frames per second for a continuous burst of 144 pictures* thanks to optimized systems throughout the camera, including high-speed buffer memory handling, fast image processing, high-speed memory card access, and large system bus bandwidth.

Near-instant power-up and quick response

(0.2 sec. power-up and short shutter release lag)

Turn on the D70s and, with a power-up time of a mere 0.2 seconds, it’s ready to shoot immediately. Press the shutter button and it responds without hesitation. Nikon’s 5-area Multi-CAM900 autofocus with AF-assist illuminator ensures a fast and precise focus under even challenging lighting conditions. Pictures taken are processed and recorded extremely quickly. Preview images appear on the LCD monitor almost instantly. And, high-speed continuous shooting means never falling behind the pace of the action or missing the heartbeat of the moment.

Fast shutter speeds

(1/8,000 sec. maximum shutter speed & 1/500 sec. flash sync)

Shutter speeds from 30 to 1/8,000 sec. and flash-synchronized shutter speeds of up to 1/500 sec. provide a photo experience with greater breadth and creative flexibility to catch more of those precious moments.

*When using JPEG NORMAL - Large setting, and a SanDisk SDCFH (ultra II), SDCFX (Extreme/Extreme III) or Lexar Media 80X WA CompactFlash™ card

NEW

- Image quality mode: RAW (NEF)
- Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D ED-IF
- Exposure mode: [A], 1/320 second, f/2.8
- White balance: Auto
- Sensitivity: ISO-equivalent 200

The AF system automatically determines which focus area should be given priority, prevents the camera from focusing on the background, and improves the focus hit rate when tracking the intended subject.
Performance that produces great pictures with pure color fidelity

Vivid color and sharp details with high resolution and wide dynamic range

Advanced image processing engine

The D70s’s advanced System LSI processor produces images with pure, vivid colors and maximum clarity. Auto white balance, auto tone and color control are optimized, while real-time processes diminish digital noise in long exposure shots. Processed images are ready to print right from the camera, minimizing time spent to achieve pleasing results. The image processing engine also maximizes system performance to ensure fast file compression, high-speed data handling in memory, fast simultaneous recording of JPEG and NEF files, and near-instant display of images.

Nikon DX Format CCD image sensor

Optimized to deliver a wide dynamic range that produces great pictures with high resolution and sharp details, the DX Format CCD sensor’s 6.1 effective megapixels yield 3,008 x 2,000-pixel images that are suitable for making large prints, or for creative cropping to bring out detail. Micro-optics incorporated into each of the sensor’s pixels precisely align the image from the camera’s lens for maximum performance, whether using AF Nikkor lenses or high-quality, digital-dedicated DX Nikkor lenses. All Nikon digital SLR cameras employ the DX Format, establishing a level of high performance and uniformity.

Three color modes

Nikon’s advanced color reproduction system optimizes the three available color modes to best match your subject or intended use.

- Mode Ia: Renders natural-looking skin tones out of the camera. (sRGB)
- Mode II: Realizes a wider color range suited for processing or retouching. (Adobe RGB)
- Mode IIIa: Renders vivid landscape and flora colors out of the camera. (sRGB)

Nikkor lenses

The D70s employs the Nikon F lens mount for seamless compatibility with the comprehensive lineup of high-quality AF and AF-S Nikkor lenses long favored by professionals around the world for their superb color, high contrast and razor-sharp images, as well as for outstanding autofocus performance. The increasing family of DX Nikkor lenses designed for use with Nikon digital SLR cameras make the options even richer, delivering a wider variety of picture angles, higher performance, and outstanding center-to-edge-to-corner image quality.

• AF-S DX Zoom-Nikkor 18-70mm f/3.5-4.5G ED-IF
  Designed to combine top performance with outstanding value, this compact standard zoom lens covers the highly practical focal length range of 18-70mm, which is equivalent to 27-105mm in 35mm [135] format.

• AF Zoom-Nikkor 70-300mm f/4-5.6G
  With a range ready to cover everything from portraits to sports shooting, this high-power telephoto zoom lens packs a 4.3x zoom ratio into a compact and lightweight package that is ideally suited for traveling. (Equivalent to 105-400mm in 35mm [135] format.)

• AF Micro-Nikkor 60mm f/2.8D
  Nikon’s most compact micro lens excels at both close-up and general photography. The medium telephoto reach when used with the D70s (equivalent to 90mm in 35mm [135] format) provides extra working distance for elusive subjects or when supplemental illumination is required.
Automated Digital Vari-Program and exposure modes

Selecting one of the seven Digital Vari-Program selections automatically optimizes white balance, sharpening, tone (contrast), color, saturation and hue settings to best match the selected scene, making creative photography as simple as rotating the mode dial. Choose from Auto, Portrait, Landscape, Close Up, Sports, Night Landscape, or Night Portrait for automated performance that makes the D70s the right choice, whether you are still learning how to make great pictures or an experienced photographer simply in a hurry to capture precious moments. Exposure mode settings provide greater personal control over camera operation. [P] Auto Multi Program mode automatically sets the shutter speed and aperture, and includes Flexible Program for quick selection of alternate exposure combination settings. [S] Shutter-Priority Auto offers a choice of shutter speeds from 1/8,000 to 30 seconds. [A] Aperture-Priority Auto allows free selection from the complete range of aperture settings. And, [M] Manual gives full control over shutter speed and aperture.

Image enhancement options

When using Auto Multi Program [P], Shutter-Priority Auto [S], Aperture-Priority Auto [A], or Manual [M] exposure modes, easy-to-set image enhancement options optimize sharpening, tone (contrast), color, saturation and hue to best match the scene or intended use for the picture. Choices include Normal, Vivid, Sharp, Soft, Direct print, Landscape or Custom optimization.

Precise white balance control

The D70s produces natural coloration by matching white balance to the light source of the shot. Advanced Auto white balance handles most situations, but the flexible options include a choice of six specific manual settings with fine-tuning, (Incandescent, Fluorescent, Direct Sunlight, Flash, Cloudy, and Shade), as well as a preset option for using a gray or white object as a reference for white balance.

Exposure metering options

Nikon’s 1,005-pixel RGB Exposure/Color Matrix Metering Sensor evaluates brightness, color, contrast, selected focus area, and subject-to-camera distance information, references the results against an onboard database of 30,000 scenes from actual photography, and then uses high-speed processing to deliver consistently dependable automatic exposure. Variable center-weighted metering and a choice of five spot meters are also available, as is exposure compensation and auto exposure bracketing.

Built-in Speedlight with i-TTL flash control (with wider coverage)

The built-in Speedlight automatically pops up and fires when natural lighting is inadequate, or to add Balanced Fill-Flash when there is strong backlighting. With a new optimized design for the D70s, flash coverage has been increased to support lenses as wide as 18mm.

Creative Lighting System support

A major benefit of the D70s’s built-in flash is that it adopts Nikon’s highly robust and advanced i-TTL flash control, technology that leads the industry in vastly expanding the possibilities for using creative lighting in photography. The built-in Speedlight also works with the Creative Lighting System, serving as a remote commander that controls one group of multiple wireless SB-600 or SB-800 Speedlights. Alternately, attach an SB-800 and control up to 3 wireless remote groups, each consisting of any number of SB-800 or SB-600 Speedlights.
Large 2.0” LCD monitor and new menu design
A new menu design combining a carefully selected color scheme, the right amount of contrast, and larger fonts makes the user-friendly keywords of the menu displays easier to view and quicker to recognize. Playback options on the new 2.0-inch LCD monitor include single frame, 4 or 9-image thumbnail display, zoom with scroll (up to 4.7x), automatic slide show, histogram indication, and highlight point display.

New higher energy lithium-ion battery
The new EN-EL3a rechargeable lithium-ion battery increases energy capacity to deliver enough power to shoot as many as 2,500 images per charge, all while maintaining the same form factor as the EN-EL3 battery. The new Quick Charger MH-18a is smaller than the charger it replaces, and is capable of charging both the EN-EL3a and EN-EL3 batteries. When the need arises, the D70s can also be run using CR2 batteries. (Requires the optional CR2 battery holder, MS-D70).

Multi selector and Nikon ergonomics provide greater operating ease
The handy four-direction multi selector on the camera’s back makes it easy to select a specific focus area when using Single AF or Dynamic AF modes, or to navigate menus and control image playback. The light, compact camera body fits the hand well and ensures easy access to controls, which themselves are designed and logically placed for ease of use. This includes the Mode dial and Help button, as well as the Main and Sub Command Dials that facilitate easy control over settings and smooth single-handed operation. The large LCD data control panel atop the camera body allows quick confirmation of important settings. One example of attention to detail is the change in sound frequency used for D70s system beeps, making them more clearly audible.

Viewfinder
The bright optical viewfinder features Vari-Brite Focus Area display, which makes focus confirmation easier by automatically superimposing the selected focus area in black when lighting is sufficient, but momentarily illuminating it in red when shooting in dim light or focusing on a dark-colored subject. On-Demand grid lines superimpose a grid over the viewfinder that can prove helpful for architectural photography or shooting landscapes that include horizons. A digital readout along the bottom displays valuable information on settings and camera status.

Remote cord support
The new Remote Cord (MC-DC1) adds greater convenience and ease of use in a wider variety of shooting situations, including long exposures and close-ups. The optional Wireless Remote Control ML-L3 can also be used with the D70s.

Remote camera control support
Using the supplied USB cable to connect the D70s to a computer running Nikon Capture 4 software enables remote control from the computer over most shooting settings as well as triggering of the shutter release. Images can be downloaded directly to the computer, eliminating the need to change memory cards while shooting.

Performance that makes it easier to take great pictures
Improved ergonomics for efficient handling and easy operation

Notes on the following test conditions: Fully charged EN-EL3a battery; temperature of 68˚F/20˚C; Zoom-Nikkor AF-S DX 18-70mm f/3.5-4.5G ED-IF lens; continuous shooting mode; continuous-servo autofocus; image quality set to JPEG BASIC; image size set to Medium; shutter speed 1/250 sec.; shutter release pressed halfway for three seconds and focusing from infinity to minimum range three times with each shot; monitor turned on for five seconds after six shots and then turned off; cycle repeated once exposure meters have turned off.

•   Image quality mode: RAW(NEF)
•   Lens: AF-S Zoom-Nikkor 28-70mm f/2.8D ED-IF
•   Exposure mode: Shutter Priority, 10 seconds, f/8
•   White balance: Incandescent
•   Sensitivity: ISO-equivalent 200

Photo taken using the Remote Cord MC-DC1.
Versatility that makes digital photography more rewarding

Flexible settings and powerful software enhance shooting and the results

Variety of custom settings
A total of 25 custom settings help personalize the operation of the D70s to match individual shooting styles, or optimize it for use under the demands of different shooting conditions. The custom settings menu is displayed on the LCD monitor in easy-to-understand fashion, and selections are made using the handy multi selector on the camera’s back. Help dialogs that describe each setting can also be displayed with the press of a button.

Simultaneous NEF + JPEG recording
The D70s’s ability to simultaneously save NEF (RAW) and JPEG files for the same image helps optimize workflow operations for varying conditions and needs.

Storage media
(CompactFlash™ cards)
CompactFlash™ cards store memory for varying conditions and needs. JPEG files for the same image helps optimize workflow operations for varying conditions and needs.

NEF (Nikon Electronic Format) is a unique file format consisting of an image’s RAW data, along with an instruction set that provides unparalleled image editing capability. With NEF, all connections and adjustments made are saved in the file’s instruction set. The original file’s RAW data is never altered, regardless of how many times the instruction set is changed. Instruction sets can also be saved separately for all adjustments or only selected parameters, and then later applied to individual files or to a large number using automated batch processing. It’s the best of versatile image editing combined with precise savings in hard disk space.

Nikon Capture 4 processes and displays NEF files using a full 16 bits per color channel for smoother fidelity when making tonal and other color corrections. Changes can be saved to the NEF file, as a new Instruction Set, or as a TIFF or JPEG file. Version 4.2 continues to refine the power, speed and flexibility of Nikon Capture 4. Building on familiar features such as Fish-eye-to-rectilinear image transformation, Image Dust Off and batch processing, a number of new features expand the creative possibilities and improve workflow efficiency.

Nikon Capture 4 (Ver. 4.2)
Nikon Capture 4 offers a unique image-editing environment and is the only program that provides complete functionality to edit NEF (Nikon Electronic Format) files, enabling photographers to optimize output for every possible need.

• NEF difference
Nikon Electronic Format (NEF) is a unique file format consisting of an image’s RAW data, along with an instruction set that provides unparalleled image editing capability. With NEF, all connections and adjustments made are saved in the file’s instruction set. The original file’s RAW data is never altered, regardless of how many times the instruction set is changed. Instruction sets can also be saved separately for all adjustments or only selected parameters, and then later applied to individual files or to a large number using automated batch processing. It’s the best of versatile image editing combined with precise savings in hard disk space.

Nikon Capture 4 processes and displays NEF files using a full 16 bits per color channel for smoother fidelity when making tonal and other color corrections. Changes can be saved to the NEF file, as a new Instruction Set, or as a TIFF or JPEG file. Version 4.2 continues to refine the power, speed and flexibility of Nikon Capture 4. Building on familiar features such as Fish-eye-to-rectilinear image transformation, Image Dust Off and batch processing, a number of new features expand the creative possibilities and improve workflow efficiency.

• Straightening:
Rotates a picture to level it on the horizontal or vertical axis using either a simple defining mouse action, or by directly entering the amount of rotation to be applied. (±10°)

• Improved Multi Image window:
Shows more quickly and the new scrollable thumbnail image display is also faster. The interface adds new features, including simultaneous editing of multiple files, the ability to undo or redo commands, and file deletion.

• Improved color noise reduction —
Better filters cut out color noise for smoother transitions while preventing resolution loss at higher settings.

Remote Camera Control
Nikon Capture Control can control most shooting settings and trigger the D70’s shutter release remotely from a computer when the camera is connected via the USB interface to a computer with Nikon Capture 4 installed.

PictureProject
PictureProject is refined with an intuitive new user interface that makes image management, editing and sharing easier and more fun. Simply connect the camera to a computer to automatically import pictures. Quickly e-mail or Auto Enhance images, run slideshows, burn CD/DVD’s, and access other commonly used functions via practical buttons. Use drag-and-drop to organize pictures into separate collections, and quickly locate any file by name, keyword, or date. Plug-in filter support offers feature set expansion, including compatibility with the wide range of filters and effects offered by nik Color Efex Pro 2.0.

And, with support for JPEG, TIFF and NEF files, PictureProject seamlessly bridges workflow with the powerful feature set of Nikon Capture 4.

PictureProject System Requirements

CPU Speed

Windows

Mac

OS


Microsoft

Mac

Motherboard

600MHz or faster recommended

667MHz or faster recommended

RAM

512MB or more recommended

1GB or more recommended

Display

1024×768 pixels or more will be ideal. 1280×1024 is recommended.

1024×768 pixels or more will be ideal. 1280×1024 is recommended.

If your computer does not meet the recommended specifications, PictureProject may still work, but without many of the features.

The following CompactFlash™ cards can be used with the D70s:

• SanDisk Corporation
  • SDCFH (Ultra) 128/256/384/512MB/1GB, SDCFH (Ultra II) 256/512MB/1GB, SDCFX (Extreme)

• Renesas Technology (Hitachi)
  • Microdrive™

• Microdrive™
  • DSCM-11000 (1GB), 3K4-2 (2GB), 3K4-4 (4GB)

A total of 25 custom settings help personalize the operation of the D70s to match individual shooting styles, or optimize it for use under the demands of different shooting conditions. The custom settings menu is displayed on the LCD monitor in easy-to-understand fashion, and selections are made using the handy multi selector on the camera’s back. Help dialogs that describe each setting can also be displayed with the press of a button.

Simultaneous NEF + JPEG recording
The D70s’s ability to simultaneously save NEF (RAW) and JPEG files for the same image helps optimize workflow operations for varying conditions and needs.

Storage media
(CompactFlash™ cards)
CompactFlash™ cards store memory for varying conditions and needs. JPEG files for the same image helps optimize workflow operations for varying conditions and needs.

NEF (Nikon Electronic Format) is a unique file format consisting of an image’s RAW data, along with an instruction set that provides unparalleled image editing capability. With NEF, all connections and adjustments made are saved in the file’s instruction set. The original file’s RAW data is never altered, regardless of how many times the instruction set is changed. Instruction sets can also be saved separately for all adjustments or only selected parameters, and then later applied to individual files or to a large number using automated batch processing. It’s the best of versatile image editing combined with precise savings in hard disk space.

Nikon Capture 4 processes and displays NEF files using a full 16 bits per color channel for smoother fidelity when making tonal and other color corrections. Changes can be saved to the NEF file, as a new Instruction Set, or as a TIFF or JPEG file. Version 4.2 continues to refine the power, speed and flexibility of Nikon Capture 4. Building on familiar features such as Fish-eye-to-rectilinear image transformation, Image Dust Off and batch processing, a number of new features expand the creative possibilities and improve workflow efficiency.

Nikon Capture 4 (Ver. 4.2)
Nikon Capture 4 offers a unique image-editing environment and is the only program that provides complete functionality to edit NEF (Nikon Electronic Format) files, enabling photographers to optimize output for every possible need.

• NEF difference
Nikon Electronic Format (NEF) is a unique file format consisting of an image’s RAW data, along with an instruction set that provides unparalleled image editing capability. With NEF, all connections and adjustments made are saved in the file’s instruction set. The original file’s RAW data is never altered, regardless of how many times the instruction set is changed. Instruction sets can also be saved separately for all adjustments or only selected parameters, and then later applied to individual files or to a large number using automated batch processing. It’s the best of versatile image editing combined with precise savings in hard disk space.

Nikon Capture 4 processes and displays NEF files using a full 16 bits per color channel for smoother fidelity when making tonal and other color corrections. Changes can be saved to the NEF file, as a new Instruction Set, or as a TIFF or JPEG file. Version 4.2 continues to refine the power, speed and flexibility of Nikon Capture 4. Building on familiar features such as Fish-eye-to-rectilinear image transformation, Image Dust Off and batch processing, a number of new features expand the creative possibilities and improve workflow efficiency.

• Straightening:
Rotates a picture to level it on the horizontal or vertical axis using either a simple defining mouse action, or by directly entering the amount of rotation to be applied. (±10°)

• Improved Multi Image window:
Shows more quickly and the new scrollable thumbnail image display is also faster. The interface adds new features, including simultaneous editing of multiple files, the ability to undo or redo commands, and file deletion.

• Improved color noise reduction —
Better filters cut out color noise for smoother transitions while preventing resolution loss at higher settings.

Remote Camera Control
Nikon Capture Control can control most shooting settings and trigger the D70’s shutter release remotely from a computer when the camera is connected via the USB interface to a computer with Nikon Capture 4 installed.

PictureProject
PictureProject is refined with an intuitive new user interface that makes image management, editing and sharing easier and more fun. Simply connect the camera to a computer to automatically import pictures. Quickly e-mail or Auto Enhance images, run slideshows, burn CD/DVD’s, and access other commonly used functions via practical buttons. Use drag-and-drop to organize pictures into separate collections, and quickly locate any file by name, keyword, or date. Plug-in filter support offers feature set expansion, including compatibility with the wide range of filters and effects offered by nik Color Efex Pro 2.0.

And, with support for JPEG, TIFF and NEF files, PictureProject seamlessly bridges workflow with the powerful feature set of Nikon Capture 4.

PictureProject System Requirements

CPU Speed

Windows

Mac

OS


Microsoft

Mac

Motherboard

600MHz or faster recommended

667MHz or faster recommended

RAM

512MB or more recommended

1GB or more recommended

Display

1024×768 pixels or more will be ideal. 1280×1024 is recommended.

1024×768 pixels or more will be ideal. 1280×1024 is recommended.

If your computer does not meet the recommended specifications, PictureProject may still work, but without many of the features.

Table:<ref>
<table>
<thead>
<tr>
<th>Category</th>
<th>Windows</th>
<th>Mac</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAM</td>
<td>256MB or more recommended</td>
<td>512MB or more recommended</td>
</tr>
<tr>
<td>Display</td>
<td>1024×768 pixels or more will be ideal. 1280×1024 is recommended</td>
<td>1024×768 pixels or more will be ideal. 1280×1024 is recommended</td>
</tr>
</tbody>
</table>
</ref>
A wealth of accessories for optimizing performance and adaptability

- **Remote Cord MC-DC1**
The new Remote Cord MC-DC1 was developed as a convenient option for landscape and macro photography, one that makes the camera more convenient and even easier to use. (Approx. 3.3 ft / 1.0m in length.)

- **Speedlight System**
Powerful, full-featured with TTL flash control for use with Nikon's Creative Lighting System

- **Accessories**
- COOLWALKER MSV-01
- Nikon's original compact digital photo storage device features anywhere convenience and removable capability.
- **Wireless Remote Control ML-L3**
Cable-free remote triggering of the shutter makes it easier to usealso shutter operates at full distance from the camera.
- **Hot Shoe Sync Terminal Adapter AS-15**
Provides an additional PC sync connector for easy connection of external studio Speedlights.
- **Semi-Soft Case CF-D70**
A choice of remote control options provides necessary camera stability when using long exposures.

---

### Function Compatibility Chart

<table>
<thead>
<tr>
<th>Camera Setting</th>
<th>Function Compatibility Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Power Accessories**
- Rechargeable Li-ion Battery EN-EL3a (supplied)
- Quick Charger MH-18a (supplied)
- AC Adapter EH-5
- CR2 Battery Holder MS-D70

- **Viewfinder accessories for further, support personalized shooting comfort and convenience.**
  - Eyepiece Corrector Lens (LA-1A, -1B)
  - Eyepiece Adapter
  - Angle Finder DK-5
  - Rubber Eyelet DK-2

- **Nikon Speedlights add functionality and precision that tap the full potential of the Creative Lighting System for full and easy control over lighting.**
  - Speedlight SB-800
  - Speedlight SB-600
  - Sync Terminal AS-15
  - Nikon Speedlights SB-800 Series

- **A comprehensive lineup of high-quality Nikkor lenses.**
  - Nikon Capture 4 (Ver. 4.2)
  - PictureProject*
  - COOLWALKER MSV-01

- **Transfer, store, manage, preview and edit images freely with the variety of storage and software options.**
  - CompactFlash™ Card**
  - Microdrive™**
  - Memory Card Adapters**
  - COOLWALKER MSV-01

---

**A choice of remote control options provides necessary camera stability when using long exposures.**

---

**Power Accessories**
- COOLWALKER MSV-01
- Nikon's original compact digital photo storage device features anywhere convenience and removable capability.
- **Wireless Remote Control ML-L3**
- Cable-free remote triggering of the shutter makes it easier to use also shutter operates at full distance from the camera.
- **Hot Shoe Sync Terminal Adapter AS-15**
- Provides an additional PC sync connector for easy connection of external studio Speedlights.
- **Semi-Soft Case CF-D70**
- A choice of remote control options provides necessary camera stability when using long exposures.

---

**Function Compatibility Chart**

<table>
<thead>
<tr>
<th>Camera Setting</th>
<th>Function Compatibility Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Nikon Digital SLR Camera D70s Specifications

<table>
<thead>
<tr>
<th>Type of Camera</th>
<th>Single-lens reflex digital camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effective Pixels</td>
<td>6.1 million</td>
</tr>
<tr>
<td>Image Sensor</td>
<td>RGB C CD 23.7 x 15.6mm; total pixels: 6.24 million</td>
</tr>
<tr>
<td>Image Size (pixels)</td>
<td>3,008 x 2,000 (L), 2,240 x 1,488 (M), 1,564 x 1,000 (S)</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>200 to 16,000 (ISO equivalent) in steps of 1/3 EV</td>
</tr>
<tr>
<td>Storage Media</td>
<td>CompactFlash™ (CF) Card (Type I and II) and Microdrive™</td>
</tr>
<tr>
<td>Storage System</td>
<td>Compressed NEF (RAW): 12-bit compression, JPEG: JPEG baseline-compliant</td>
</tr>
<tr>
<td>File System</td>
<td>Ext 2.11, Compliant DCF 2.0 and DPOF</td>
</tr>
<tr>
<td>Storage (Number of frames per 256MB)</td>
<td>RAW approx. 44, FINE approx. 73, NORMAL approx. 144</td>
</tr>
<tr>
<td>CF card, image size L</td>
<td>BASIC approx. 279, RAW &amp; BASIC approx. 39</td>
</tr>
<tr>
<td>White Balance</td>
<td>Auto (TTL white balance with 1,005-pixel RGB sensor), six manual modes with fine-tuning, preset white balance, white balance bracketing possible</td>
</tr>
<tr>
<td>LCD Monitor</td>
<td>2.5-inch, 130,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment</td>
</tr>
<tr>
<td>Playback Function</td>
<td>1 frame: Thumbnail (4 or 9 segments); Magnifying playback; Slide show; Histogram indication; Highlight point display; Auto image rotation</td>
</tr>
<tr>
<td>Delete Function</td>
<td>Card format, All frames delete, Selected frames delete</td>
</tr>
<tr>
<td>Video Output</td>
<td>Can be selected from NTSC and PAL</td>
</tr>
<tr>
<td>Interface</td>
<td>USB: Mass storage and PTP selectable, Firewire: Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in Exif header</td>
</tr>
<tr>
<td>Compatible Lenses</td>
<td>Refer to page 14</td>
</tr>
<tr>
<td>Digital Vari-Program</td>
<td>Digital Vari-Program (Auto, Portrait, Landscape, Close up, Sports, Night landscape, Night portrait), Programmed Auto [(P)] with flexible program; Shutter-Priority Auto [(S)]; Sports,      Night landscape,      Night portrait), 1) EV 0 to 20 (3D Color Matrix or center-weighted metering)</td>
</tr>
<tr>
<td>Auto Exposure Bracketing</td>
<td>Range: 2 or 3 frames ±2 EV in 1/3 or 1/2 steps</td>
</tr>
<tr>
<td>AF Area Mode</td>
<td>AF sensor: 9-point AF, 5 cross-type sensors, 4 auxiliary sensors, grid lines, Type-B BrightView Clear Matte screen Mark V with superimposed focus brackets and on-demand grid lines</td>
</tr>
<tr>
<td>Focusing Screen</td>
<td>18mm (-1.0m-1)</td>
</tr>
<tr>
<td>Image Quality, Image Size and Number of Available Shots (when using 256MB CF card)</td>
<td></td>
</tr>
<tr>
<td><strong>Image Quality</strong></td>
<td><strong>Image Size</strong></td>
</tr>
<tr>
<td>RAW</td>
<td>--</td>
</tr>
<tr>
<td>FINE</td>
<td>L</td>
</tr>
<tr>
<td></td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>S</td>
</tr>
<tr>
<td>NORMAL</td>
<td>L</td>
</tr>
<tr>
<td></td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>S</td>
</tr>
<tr>
<td>BASIC</td>
<td>L</td>
</tr>
<tr>
<td></td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>S</td>
</tr>
<tr>
<td>RAW+BASIC</td>
<td>L</td>
</tr>
<tr>
<td></td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>S</td>
</tr>
<tr>
<td></td>
<td>L</td>
</tr>
<tr>
<td></td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>S</td>
</tr>
</tbody>
</table>

*1. May change according to shooting conditions. *2. Number of frames when using the SanDisk SDCFR (Ultra II) 256MB CF card. *3. The number of continuous shots possible in a single burst may be fewer depending on the type of CF card used. *4. The displays show “23” as the number of remaining exposures. *5. The displays show “21” as the number of remaining exposures.

---

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Macintosh® is a registered trademark or a trademark of Apple Computer Inc. in the United States and/or other countries. CompactFlash™ is a registered trademark of SanDisk Corporation. Products and brand names are trademarks or registered trademarks of their respective companies. Images on LCDs and monitors shown in this brochure are simulated.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. April 2005 © 2005 NIKON INC.