



*At the heart of the image™*

# DIGITAL SLR COMPARISON GUIDE

**SUMMER COLLECTION 2008**



# **Nikon** DIGITAL SLR CAMERAS

**THE POWER OF DIGITAL PHOTOGRAPHY DEFINED**

The sheer power, speed, control, and versatility to match the creative demands of the world's award-winning professional photographers. The ease of use that allows beginners to faithfully preserve unforgettable family moments. Whatever your priorities, Nikon digital SLRs offer the innovative technology, precision engineering, and reliably superior performance to produce breathtaking images that make you proud.







© Rod Planck



© Mike Corrado



© Anupam Pal



© Charles Orrico



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**Nikon offers a comprehensive and exciting lineup of innovative digital SLR cameras whose many exclusive technologies deliver extraordinary image quality. Our new flagship D3 and the agile D700, our latest addition, both feature an FX-format (23.9 x 36mm) imaging sensor and other innovations, redefining the power and versatility of digital photography for uncompromising professionals and enthusiasts.**

The new D300, our most advanced DX-format digital SLR, will inspire professionals and committed amateurs alike with its agility, speed, and spectacular imaging performance, and the D80 offers skilled and passionate hobbyists the features, functions and image quality essential to fulfilling their vision. The remarkably compact D60 and D40 cameras offer the image quality and precision of digital SLRs, without complication, making it possible for everyone to preserve special moments perfectly.

Every model offers the distinct advantage of compatibility with legendary autofocus NIKKOR lenses. All the featured Nikon digital SLRs allow you to take advantage of Nikon's newest cutting-edge wireless-enabled Speedlight, the SB-900, as well as the formidable SB-800, SB-600 and SB-400—all with i-TTL flash-control technology. In addition, all are fully compatible with one of the amazing Wireless Close-Up Speedlight Systems.

Whatever Nikon digital SLR you choose, you will possess the power and performance you need to create outstanding images that reflect your unique vision.

# DIGITAL SLR CAMERAS

## THE POWER OF DIGITAL PHOTOGRAPHY DEFINED



© Lucas Gilman



Top: © Chris Alvanas, Bottom: © Maynard Switzer



### D3

#### EXTRAORDINARY SPEED... UNCOMPROMISED VERSATILITY

Redefining professional digital photography, the groundbreaking Nikon D3 digital SLR delivers both extraordinary speed and ultra-high resolution — at up to 9 fps, with exceptional low-noise performance at up to 6400 ISO. The Nikon original 12.1-megapixel FX-format (23.9 x 36mm) CMOS sensor, teamed with exclusive Nikon EXPEED digital image processing concept, faithfully captures incredible edge-to-edge sharpness, rich color depth, and broad tonal range for astonishing images and unparalleled professional versatility.



### D700

#### POWER THAT EMPOWERS... AGILITY MEETS FXABILITY

Nikon's latest FX-format D-SLR, the D700 can achieve many of the same groundbreaking imaging feats as the legendary D3, whose 12.1-megapixel imaging sensor it shares — but in a more compact and lightweight body. Nimble, fast, and capable of astonishing nuance, the D700 captures seductively smooth tones and renders every detail with unsurpassed clarity, producing virtually noise-free images at up to ISO 6400.



### D300

#### EXCEPTIONAL AGILITY... INSPIRED PERFORMANCE

Agility, speed, and spectacular imaging performance converge in the Nikon D300 to create an amazingly versatile digital SLR that is ready to capture your vision — at up to 6 fps (8 fps with the optional MB-D10 multi power battery pack). With a high-resolution, 12.3-megapixel DX-format CMOS image sensor and many advanced features inherited from the flagship D3 D-SLR, including the EXPEED digital image processing concept, the D300 takes the DX-format to a new level.





Top: © Sean Arbabi, Bottom: © David Mendelsohn

Top: © Mirjam Evers, Bottom: © Tony Arruza

© Arthur Meyerson



## D200

### FASTER. SMARTER. STRONGER.

Faster when it counts, more rugged where it matters, and more intelligent where it's essential, the Nikon D200 digital SLR assures breathtaking performance and image quality that will gratify demanding photographers. Featuring a 10.2-megapixel DX-format CCD image sensor and 11-area AF system, the D200 performs to an exclusive standard achievable only with Nikon.

## D80

### EXPERT DESIGN... USE WITH PASSION

The versatile Nikon D80 digital SLR expands the capabilities of aspiring photographers with its 10.2-megapixel DX-format CCD image sensor and high-resolution image-processing engine, which features technology developed for our professional cameras. The improved 11-area AF system, 2.5-inch wide-angle LCD monitor, In-Camera Editing, and other advanced features deliver exciting, responsive performance and a powerful way to create exceptional images.

## D60

### INCREDIBLE PICTURES... INCREDIBLE POSSIBILITIES... INCREDIBLY EASY!

The D60 digital SLR delivers all the power and versatility of the DX-format, with a 10.2-megapixel image sensor, Nikon's original EXPEED image processing concept, an innovative dust reduction system, and much more. Just as impressive, though, is all the fun it delivers, with In-Camera Editing, on-board help, a compact body, and when you need it, fully automatic operation, for stunning pictures without complications. With the D60, you get both great pictures and loads of picture-taking fun.

## D40

### INCREDIBLE PICTURES... EVEN EASIER

Nikon's smallest digital SLR ever, the D40 packs high-performance, advanced features an exceptional ease-of-use in a compact, beautifully styled body, ready to go everywhere. With a 6-megapixel CCD imaging sensor, advanced 3-D Color Matrix Metering II, quick startup and fast shutter response, you're sure to capture more of the pictures you really want.

# NIKKOR LENSES

## A DEFINING STRENGTH OF THE Nikon SYSTEM

Among the many good reasons for purchasing a Nikon digital SLR camera, the best, for most photographers, is the exceptional image quality made possible by NIKKOR lenses. With our passionate commitment to lens manufacturing, from the design through to production of our own glass, NIKKOR lenses continue to deliver innovative optical technology, superior mechanical operation and unsurpassed imaging performance.

**Nikon OFFERS AN EXTENSIVE SELECTION OF NIKKOR LENSES**, featuring 58 precision-engineered interchangeable lenses, 47 of which deliver Nikon's fast and accurate autofocus capability, enabling photographers to meet virtually any photographic challenge. For more information on the complete assortment of NIKKOR lenses, visit [www.nikonusa.com](http://www.nikonusa.com)



### AF-S NIKKOR 14-24MM f/2.8G ED

- Fast, ultra wide-angle AF-S zoom
- 2 ED-(Extra-low Dispersion) Glass Elements
- Exclusive Nano Crystal Coat



### AF-S DX NIKKOR 16-85MM f/3.5-5.6G ED VR

- Compact 5.3x Zoom
- 2 ED-(Extra-low Dispersion) Glass Elements
- VR II (Vibration Reduction)



### AF-S DX ZOOM-NIKKOR 17-55MM f/2.8G IF-ED

- Fast 3.2x wide-angle zoom
- ED-(Extra-low Dispersion) Glass
- AF-S Silent Wave Motor



### AF-S DX ZOOM-NIKKOR 18-135MM f/3.5-5.6G IF-ED

- Versatile, 7.5x Zoom
- Compact, AF-S Silent Wave Motor
- ED-(Extra-low Dispersion) Glass



### AF-S DX VR ZOOM-NIKKOR 18-200MM f/3.5-5.6G IF-ED

- High performance 11x Zoom
- ED-(Extra-low Dispersion) Glass
- VR II (Vibration Reduction)



18mm



24mm



35mm



55mm



85mm

# Nikon SPEEDLIGHTS

## WHERE INNOVATION SPARKS IMAGINATION

The Nikon Creative Lighting System offers a comprehensive selection of revolutionary portable lighting tools to match virtually any need. Featuring the world's most intelligent and versatile flash technology, the system offers unprecedented levels of accuracy, automation, integration and control.

## THE Nikon WIRELESS CLOSE-UP SPEEDLIGHT SYSTEM

is offered in two configurations, R1 and R1C1, to match your specific needs. Complete and ready to go right out of the box, both configurations feature two SB-R200 Wireless Remote Speedlights, as well as a completely integrated array of system accessories, including the SX-1 Attachment Ring (for mounting SB-R200s on the lens), color filter sets, freestanding light stands, and more.



### SB-900 SPEEDLIGHT

Nikon's next-generation flagship Speedlight, the SB-900 automatically delivers optimal performance for both FX- and DX-format D-SLRs. Offering auto format recognition, a choice of light distribution patterns, and Nikon's first user-controlled Speedlight firmware updates\*, the powerful SB-900 operates as a stand-alone and as a remote or master unit to command other wireless remote Speedlights.

\*with D3 and D700 cameras



### SB-800 SPEEDLIGHT

Full featured for Nikon high-performance digital SLRs, this powerful Speedlight offers exceptional versatility for anyone looking to build a portable lighting system. It works as a powerful stand-alone Speedlight and as a remote or master unit to command other wireless remote Speedlights.



### SB-600 SPEEDLIGHT

Offering add-on power and coverage, the SB-600 is an ideal blend of performance, versatility and value. It also serves as an additional wireless Speedlight for multiple flash setups.



### SB-400 SPEEDLIGHT

Compact, lightweight, and economical, the SB-400 Speedlight combines Nikon's i-TTL intelligent flash capabilities with the utmost in simplicity. When added flash range and bounce versatility are all that's needed, the SB-400 is the perfect solution.





**AF-S NIKKOR 24-70MM  
f/2.8G ED**

- Fast 2.9x AF-S wide to Tele Zoom
- 2-ED (Extra-low Dispersion) Glass Elements
- Exclusive Nano Crystal Coat



**AF-S DX VR ZOOM-NIKKOR  
55-200MM f/4-5.6G IF-ED**

- Ultra-compact 3.6x Zoom
- VR (Vibration Reduction)
- AF-S Silent Wave Motor



**AF-S VR ZOOM-NIKKOR  
70-200MM f/2.8G IF-ED**

- Fast 2.8x Tele Zoom
- AF-S Silent Wave Motor
- VR (Vibration Reduction)



**AF-S VR ZOOM-NIKKOR  
70-300MM f/4.5-5.6G IF-ED**

- 4.3x Tele Zoom
- ED-(Extra-low Dispersion) Glass
- VR II (Vibration Reduction)



**AF-S MICRO NIKKOR  
60MM f/2.8G IF-ED**

- AF-S Macro Lens with Silent Wave Motor
- ED-(Extra-low Dispersion) Glass
- Exclusive Nano Crystal Coat



105mm



135mm



200mm



300mm



© Dave Black



**R1 OUTFIT  
(D700, D300, D200 and D80)**



**SB-R200 SPEEDLIGHT**

The heart of Nikon's Wireless Close-Up Speedlight System, this unit is also perfect as an additional wireless Speedlight.



**R1C1 OUTFIT  
(D3, D60 and D40)**

# DIGITAL SLR COMPARISON CHART

|                   |                            |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                            | D3                                                                                                                                                                                                                                                                                                                           | D700                                                                                                                                                                                                                                                                                                                         | D300                                                                                                                                                                                                                                                                                                                         | D200                                                                                                                                                                                                                                                                                                                                                   | D80                                                                                                                                                                                                                                                                                                                                                    | D60                                                                                                                                                                                                                                                                                                                                                                                             | D40                                                                                                                                                                                                                                                                                                                                                                                             |
| Image Sensor      | Effective Pixels           | 12.1 Million Pixels                                                                                                                                                                                                                                                                                                          | 12.1 Million Pixels                                                                                                                                                                                                                                                                                                          | 12.3 Million Pixels                                                                                                                                                                                                                                                                                                          | 10.2 Million Pixels                                                                                                                                                                                                                                                                                                                                    | 10.2 Million Pixels                                                                                                                                                                                                                                                                                                                                    | 10.2 Million Pixels                                                                                                                                                                                                                                                                                                                                                                             | 6.1 million pixels                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Image Sensor               | FX Format CMOS Sensor, 23.9 X 36mm                                                                                                                                                                                                                                                                                           | FX Format CMOS Sensor, 23.9 X 36mm                                                                                                                                                                                                                                                                                           | DX Format CMOS Sensor, 23.6 X 15.8mm                                                                                                                                                                                                                                                                                         | DX Format RGB CCD 23.6 X 15.8mm                                                                                                                                                                                                                                                                                                                        | DX Format RGB CCD 23.6 X 15.8mm                                                                                                                                                                                                                                                                                                                        | DX Format RGB CCD 23.6x15.8mm                                                                                                                                                                                                                                                                                                                                                                   | DX Format RGB CCD 23.7 x 15.6mm                                                                                                                                                                                                                                                                                                                                                                 |
|                   | Action Dust Removal System | No                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                                                                                                                                          | Yes                                                                                                                                                                                                                                                                                                                          | No                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                                                                     | Yes                                                                                                                                                                                                                                                                                                                                                                                             | No                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage/Data      | Image Size (pixels)        | FX Format<br>4,256 x 2,832 [L]<br>3,184 x 2,120 [M]<br>2,128 x 1,416 [S]<br><br>DX Format<br>2,784 x 1,848 [L]<br>2,080 x 1,384 [M]<br>1,392 x 920 [S]<br><br>5:4 Format<br>3,552 x 2,832 [L]<br>2,656 x 2,120 [M]<br>1,776 x 1,416 [S]                                                                                      | FX Format<br>4,256 x 2,832 [L]<br>3,184 x 2,120 [M]<br>2,128 x 1,416 [S]<br><br>DX Format<br>2,784 x 1,848 [L]<br>2,080 x 1,384 [M]<br>1,392 x 920 [S]                                                                                                                                                                       | DX Format<br>4,288 x 2,848 [L]<br>3,216 x 2,136 [M]<br>2,144 x 1,424 [S]                                                                                                                                                                                                                                                     | DX Format<br>3,872 x 2,592 [L]<br>2,896 x 1,944 [M]<br>1,936 x 1,296 [S]                                                                                                                                                                                                                                                                               | DX Format<br>3,872 x 2,592 [L]<br>2,896 x 1,944 [M]<br>1,936 x 1,296 [S]                                                                                                                                                                                                                                                                               | DX Format<br>3,872 x 2,592 [L]<br>2,896 x 1,944 [M]<br>1,936 x 1,296 [S]                                                                                                                                                                                                                                                                                                                        | DX Format<br>3,008 x 2,000 [L] 2,256 x 1,496 [M] 1,504 x 1,000 [S]                                                                                                                                                                                                                                                                                                                              |
|                   | Storage Media              | Dual CF memory cards                                                                                                                                                                                                                                                                                                         | CF memory card                                                                                                                                                                                                                                                                                                               | CF memory card                                                                                                                                                                                                                                                                                                               | CF memory card                                                                                                                                                                                                                                                                                                                                         | SD memory card                                                                                                                                                                                                                                                                                                                                         | SD memory card (SDHC compatible)                                                                                                                                                                                                                                                                                                                                                                | SD memory card (SDHC compatible)                                                                                                                                                                                                                                                                                                                                                                |
|                   | File Types                 | 1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW) 12 or 14 bit selectable<br>3) NEF (RAW); Lossless compressed, Compressed Uncompressed<br>4) Uncompressed TIFF                                                                                                                                          | 1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW) 12 or 14 bit selectable<br>3) NEF (RAW); Lossless compressed, Compressed Uncompressed<br>4) Uncompressed TIFF                                                                                                                                          | 1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW) 12 or 14 bit selectable<br>3) NEF (RAW); Lossless compressed, Compressed Uncompressed<br>4) Uncompressed TIFF                                                                                                                                          | 1) JPEG-3 levels fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW); Lossless compressed, Compressed, Uncompressed                                                                                                                                                                                                                                   | 1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW)                                                                                                                                                                                                                                                                                  | 1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW)                                                                                                                                                                                                                                                                                                                           | 1) JPEG-3 levels Fine (1:4) Normal (1:8) Basic (1:16)<br>2) NEF (RAW)                                                                                                                                                                                                                                                                                                                           |
|                   | Text Input                 | Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                       | Up to 36 characters of alphanumeric text input is available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                       | Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                          | Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                                                    | Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                                                    | Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                                                                                             | Up to 36 characters of alphanumeric text input available with LCD monitor and multi-selector; stored in EXIF header                                                                                                                                                                                                                                                                             |
|                   | Image Authentication       | Supported: Requires optional Nikon Image Authentication Software (Windows 2000, XP, Vista Pre-installed only)                                                                                                                                                                                                                | Supported: Requires optional Nikon Image Authentication Software (Windows 2000, XP, Vista Pre-installed only)                                                                                                                                                                                                                | Supported: Requires optional Nikon Image Authentication Software (Windows 2000, XP, Vista Pre-installed only)                                                                                                                                                                                                                | Supported: Requires optional Nikon Image Authentication Software (Windows 2000, XP, Vista Pre-installed only)                                                                                                                                                                                                                                          | N/A                                                                                                                                                                                                                                                                                                                                                    | N/A                                                                                                                                                                                                                                                                                                                                                                                             | N/A                                                                                                                                                                                                                                                                                                                                                                                             |
| Monitor           | LCD Monitor                | 3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                          | 3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                          | 3.0-in, 920,000-dot, VGA, low temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                          | 2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                                                        | 2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                                                        | 2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                                                                                                 | 2.5-in., 230,000-dot, low-temperature polysilicon TFT LCD with brightness adjustment allows up to 170-degree wide-angle viewing                                                                                                                                                                                                                                                                 |
|                   | Live View Modes            | 1) Hand Held: TTL Phase Difference AF w/ 51 AF focus areas<br>2) Tripod: focal-plane contrast AF on a desired point within a specific area<br>3) Remote using PC and optional Camera Control Pro 2 software                                                                                                                  | 1) Hand Held: TTL Phase Difference AF w/ 51 AF focus areas<br>2) Tripod: focal-plane contrast AF on a desired point within a specific area<br>3) Virtual Horizon (digital level) displayed in Live View<br>4) Remote using PC and optional Camera Control Pro 2 software                                                     | 1) Hand Held: TTL Phase Difference AF w/ 51 AF focus areas<br>2) Tripod: focal-plane contrast AF on a desired point within a specific area<br>3) Remote using PC and optional Camera Control Pro 2 software                                                                                                                  | No                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                                                                                                                                                                                                                                                                                                                              |
|                   | Playback Function          | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display                                                                                                                                                                  | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display                                                                                                                                                                  | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display                                                                                                                                                                  | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display<br>8) Auto image rotation                                                                                                                                                                  | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display<br>8) Auto image rotation                                                                                                                                                                  | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display<br>8) Auto image rotation<br>9) Retouch history<br>10) Stop-Motion Movie                                                                                                                                                            | 1) Full frame<br>2) Thumbnail (4 or 9 segments)<br>3) Zoom<br>4) Slideshow<br>5) RGB histogram indication<br>6) Shooting data<br>7) Highlight point display<br>8) Auto image rotation<br>9) Retouch history                                                                                                                                                                                     |
| Compatible Lenses | Lens Mount                 | Nikon F Bayonet                                                                                                                                                                                                                                                                                                              | Nikon F Bayonet                                                                                                                                                                                                                                                                                                              | Nikon F Bayonet                                                                                                                                                                                                                                                                                                              | Nikon F Bayonet                                                                                                                                                                                                                                                                                                                                        | Nikon F Bayonet                                                                                                                                                                                                                                                                                                                                        | Nikon F Bayonet                                                                                                                                                                                                                                                                                                                                                                                 | Nikon F Bayonet                                                                                                                                                                                                                                                                                                                                                                                 |
|                   | Compatible Lenses          | All functions possible with all AF NIKKOR lenses (including: AF-I, AF-S, DX, VR and D-/G-type). Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. | All functions possible with all AF NIKKOR lenses (including: AF-I, AF-S, DX, VR and D-/G-type). Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. | All functions possible with all AF NIKKOR lenses (including: AF-I, AF-S, DX, VR and D-/G-type). Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. | All functions possible with all AF NIKKOR lenses (including AF-S, DX, VR and D-/G-type). Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. IX NIKKOR lenses cannot be used. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. | All functions possible with all AF NIKKOR lenses (including AF-S, DX, VR and D-/G-type). Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. IX NIKKOR lenses cannot be used. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. | All functions possible with all AF-S and AF-I NIKKOR lenses. All functions except AF with all other G or D type AF-NIKKOR lenses. Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. IX NIKKOR lenses cannot be used. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. | All functions possible with all AF-S and AF-I NIKKOR lenses. All functions except AF with all other G or D type AF-NIKKOR lenses. Many functions possible with other NIKKOR lenses. Refer to individual product brochure and/or product instruction manual for complete details. IX NIKKOR lenses cannot be used. Non-AI lenses, IX NIKKOR lenses and AF NIKKOR lenses for F3AF cannot be used. |





|            |                                             |                                                                                                                                                                                                 |                                                                                                                                                                                                 |                                                                                                                  |                                                                                                                  |                                                                                                                  |                                                                                                                |                                                                                                                 |
|------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Viewfinder | Viewfinder Type                             | SLR optical-type fixed eye-level pentaprism; built-in diopter adjustment (-3 to +1m <sup>-1</sup> ), Eyepiece shutter provided                                                                  | SLR optical-type fixed eye-level pentaprism; built-in diopter adjustment (-2--+1 m <sup>-1</sup> ) Eyepiece shutter provided                                                                    | SLR optical-type fixed eye-level pentaprism; built-in diopter adjustment (-2.0 to +1.0m <sup>-1</sup> )          | Optical-type fixed eye-level pentaprism; built-in diopter adjustment (-2.0 to +1.0m <sup>-1</sup> )              | Optical-type fixed eye-level pentaprism; built-in diopter adjustment (-2.0 to +1.0m <sup>-1</sup> )              | Fixed eye-level penta-Dach-mirror type; built-in diopter adjustment (-1.7 to +0.5m <sup>-1</sup> )             | Fixed eye-level penta-Dach-mirror type; built-in diopter adjustment (-1.7 to +0.5m <sup>-1</sup> )              |
|            | Viewfinder Frame Coverage and Magnification | Approx. 100%<br>Approx. 0.74x with 50mm lens set to infinity; -1.0m <sup>-1</sup>                                                                                                               | Approx. 95%<br>Approx. 0.72x with 50mm lens set to infinity; -1.0m <sup>-1</sup>                                                                                                                | Approx. 100%<br>Approx. 0.94x with 50mm lens set to infinity; -1.0m <sup>-1</sup>                                | Approx. 95%<br>Approx. 0.94x with 50mm lens at infinity; -1.0m <sup>-1</sup>                                     | Approx. 95%<br>Approx. 0.94x with 50mm lens at infinity; -1.0m <sup>-1</sup>                                     | Approx. 95%<br>Approx. 0.80x with 50mm lens at infinity; -1.0m <sup>-1</sup>                                   | Approx. 95%<br>Approx. 0.80x with 50mm lens at infinity; -1.0m <sup>-1</sup>                                    |
|            | Viewfinder Accessories (optional)           | 1) DG-2 Eyepiece Magnifier<br>2) DK-14/17A Anti-Fog Eyepiece<br>3) DK-19 Rubber Eye Cup<br>4) DK-17M Magnifying Eyepiece<br>5) DR-5 Right Angle Viewing Attachment<br>6) DK-18 Eyepiece Adapter | 1) DG-2 Eyepiece Magnifier<br>2) DK-14/17A Anti-Fog Eyepiece<br>3) DK-19 Rubber Eye Cup<br>4) DK-17M Magnifying Eyepiece<br>5) DR-5 Right Angle Viewing Attachment<br>6) DK-18 Eyepiece Adapter | 1) DR-6 Angle Finder<br>2) Eyepiece correction lenses (-5 to +3m <sup>-1</sup> )<br>3) DK-21M Eyepiece Magnifier | 1) DR-6 Angle Finder<br>2) Eyepiece correction lenses (-5 to +3m <sup>-1</sup> )<br>3) DK-21M Eyepiece Magnifier | 1) DR-6 Angle Finder<br>2) Eyepiece correction lenses (-5 to +3m <sup>-1</sup> )<br>3) DK-21M Eyepiece Magnifier | 1) DR-6 Angle Finder<br>2) Eyepiece correction lenses (-5 to +3m <sup>-1</sup> )<br>3) DG-2 Eyepiece Magnifier | 1) DR-6 Angle Finder.<br>2) Eyepiece correction lenses (-5 to +3m <sup>-1</sup> )<br>3) DG-2 Eyepiece Magnifier |

|       |                           |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                         |                                                                                                                                                                                                   |                                                                                                            |                                                                                                            |
|-------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Focus | Autofocus System          | TTL phase detection, Nikon Multi-CAM 3500FX autofocus module                                                                                                                                  | TTL phase detection, Nikon Multi-CAM 3500FX autofocus module                                                                                                                                  | TTL phase detection, Nikon Multi-CAM 3500DX autofocus module                                                                                                                                  | TTL phase detection by Nikon Multi-CAM 1000 autofocus module with AF-assist illuminator                                                                 | TTL phase detection by Nikon Multi-CAM 1000 autofocus module with AF-assist illuminator                                                                                                           | TTL phase detection by Nikon Multi-CAM 1000 autofocus module with AF-assist illuminator                    |                                                                                                            |
|       | AF Lens Servo             | 1) Single servo AF [S],<br>2) Continuous servo AF [C]<br>3) Manual focus [M]<br>4) Focus Tracking automatically activated by subject's status in [S] or [C] AF using Scene Recognition System | 1) Single servo AF [S],<br>2) Continuous servo AF [C]<br>3) Manual focus [M]<br>4) Focus Tracking automatically activated by subject's status in [S] or [C] AF using Scene Recognition System | 1) Single servo AF [S],<br>2) Continuous servo AF [C]<br>3) Manual focus [M]<br>4) Focus Tracking automatically activated by subject's status in [S] or [C] AF using Scene Recognition System | 1) Single Servo AF [S]<br>2) Continuous servo AF [C]<br>3) Manual [M]<br>4) Focus Tracking automatically activated by subject's status in [S] or [C] AF | 1) Single Servo AF [S]<br>2) Continuous servo AF [C]<br>3) AF-A : auto AF-S/AF-C selection<br>4) Manual [M]<br>5) Predictive focus tracking automatically activated according to subject's status | 1) Single Servo AF [S]<br>2) Continuous servo AF [C]<br>3) AF-A: auto AF-S/AF-C selection<br>4) Manual [M] | 1) Single Servo AF [S]<br>2) Continuous servo AF [C]<br>3) AF-A: auto AF-S/AF-C selection<br>4) Manual [M] |
|       | Focus Area/Sensors        | 51 area or 11 areas; any single area can be selected                                                                                                                                          | 51 area or 11 areas; any single area can be selected                                                                                                                                          | 51 area or 11 areas; any single area can be selected                                                                                                                                          | 11 focus areas or 7 Area Wide-AF mode; any single area can be selected in either mode                                                                   | 11 focus areas; any single area can be selected; center focus area can be switched from normal to wide-frame operation                                                                            | 3 focus areas: any single area can be selected                                                             | 3 focus areas: any single area can be selected                                                             |
|       | AF Area Mode              | 1) Single Area AF<br>2) 9 Group Dynamic AF<br>3) 21 Group Dynamic AF<br>4) 51 Group Dynamic<br>5) 51 Group Dynamic with 3D Focus Tracking<br>6) 51 Auto Area using 51 points                  | 1) Single Area AF<br>2) 9 Group Dynamic AF<br>3) 21 Group Dynamic AF<br>4) 51 Group Dynamic<br>5) 51 Group Dynamic with 3D Focus Tracking<br>6) 51 Auto Area using 51 points                  | 1) Single Area AF<br>2) 9 Group Dynamic AF<br>3) 21 Group Dynamic AF<br>4) 51 Group Dynamic<br>5) 51 Group Dynamic with 3D Focus Tracking<br>6) 51 Auto Area using 51 points                  | 1) Single Area AF<br>2) Dynamic-area AF<br>3) Dynamic-area AF with closest subject priority                                                             | 1) Single Area AF<br>2) Dynamic Area AF<br>3) Auto-area AF                                                                                                                                        | 1) Single Area AF,<br>2) Dynamic Area AF<br>3) Dynamic-area AF with closest subject priority               | 1) Single Area AF,<br>2) Dynamic Area AF<br>3) Dynamic-area AF with closest subject priority               |
|       | Focusing Screen           | Type-B BriteView Clear Matte Screen VI                                                                                                                                                        | Type-B BriteView Clear Matte Screen Mark III with Superimposed focus brackets and On-Demand grid lines                                                                                        | Type-B BriteView Clear Matte Screen Mark II with Superimposed focus brackets and On-Demand grid lines                                                                                         | Type-B BriteView Clear Matte Screen Mark II with Superimposed focus brackets and On-Demand grid lines                                                   | Type-B BriteView Clear Matte Screen Mark II with Superimposed focus brackets and On-Demand grid lines                                                                                             | Type-B BriteView Clear Matte Screen Mark II with Superimposed focus brackets                               | Type-B BriteView Clear Matte Screen Mark II with Superimposed focus brackets                               |
|       | Optional Focusing Screens | Type-E with grid                                                                                                                                                                              | No                                                                                                                                                                                            | No                                                                                                                                                                                            | No                                                                                                                                                      | No                                                                                                                                                                                                | No                                                                                                         | No                                                                                                         |
|       | Depth of Field Preview    | Functional with CPU-equipped NIKKOR lenses in P, S, A and M mode                                                                                                                              | Functional with CPU-equipped NIKKOR lenses in P, S, A and M mode                                                                                                                              | Functional with CPU-equipped NIKKOR lenses in P, S, A and M mode                                                                                                                              | Functional with CPU-equipped NIKKOR lenses in P, S, A and M modes                                                                                       | Functional with CPU-equipped NIKKOR lenses in P, S, A and M modes                                                                                                                                 | No                                                                                                         | No                                                                                                         |

|               |                                                                                              |                                                                                              |                                                                                              |                                                                              |                                                                              |                                                                              |                                                                              |
|---------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| White Balance | 1) Auto (hybrid with 1,005-pixel RGB Sensor, CMOS image sensor and Scene Recognition System) | 1) Auto (hybrid with 1,005-pixel RGB Sensor, CMOS image sensor and Scene Recognition System) | 1) Auto (hybrid with 1,005-pixel RGB Sensor, CMOS image sensor and Scene Recognition System) | 1) Auto (TTL white balance with 1005-pixel RGB sensor)                       | 1) Auto (TTL white balance with 420-pixel RGB sensor)                        | 1) Auto (TTL white balance with 420-pixel RGB sensor)                        | 1) Auto (TTL white balance with 420-pixel RGB sensor)                        |
|               | 2) 7 Preset steps with fine tuning                                                           | 2) 7 Preset steps with fine tuning                                                           | 2) 7 Preset steps with fine tuning                                                           | 2) Six (6) manual modes with fine-tuning, color temperature setting (Kelvin) | 2) Six (6) manual modes with fine-tuning, color temperature setting (Kelvin) | 2) Six (6) manual modes with fine-tuning, color temperature setting (Kelvin) | 2) Six (6) manual modes with fine-tuning, color temperature setting (Kelvin) |
|               | 3) Color temperature setting (Kelvin)                                                        | 3) Color temperature setting (Kelvin)                                                        | 3) Color temperature setting (Kelvin)                                                        | 3) Preset white balance                                                      | 3) Preset white balance                                                      | 3) Preset white balance                                                      | 3) Preset white balance                                                      |
|               | 4) 2-9 exposure white balance bracketing                                                     | 4) 2-9 exposure white balance bracketing                                                     | 4) 2-9 exposure white balance bracketing                                                     | 4) White balance bracketing                                                  | 4) White balance bracketing                                                  | 4) White balance bracketing                                                  |                                                                              |

[illegible]

# DIGITAL SLR COMPARISON CHART

|                      |                                                                                                                                                   | <b>D3</b><br>                         | <b>D700</b><br>                       | <b>D300</b><br>                       | <b>D200</b><br>                                             | <b>D80</b><br>                                            | <b>D60</b><br>                                            | <b>D40</b><br>                                            |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure (Continued) | Exposure Modes                                                                                                                                    | 1) Programmed Auto with flexible program<br>2) Shutter-Priority Auto [S]<br>3) Aperture-Priority Auto [A]<br>4) Manual | 1) Programmed Auto with flexible program<br>2) Shutter-Priority Auto [S]<br>3) Aperture-Priority Auto [A]<br>4) Manual | 1) Programmed Auto with flexible program<br>2) Shutter-Priority Auto [S]<br>3) Aperture-Priority Auto [A]<br>4) Manual | 1) Programmed Auto with flexible program<br>2) Shutter-Priority Auto [S]<br>3) Aperture-Priority Auto [A]<br>4) Manual                       | 1) 7 Digital Vari-Programs<br>2) Programmed Auto with flexible program<br>3) Shutter-Priority Auto<br>4) Aperture-Priority Auto<br>5) Manual | 1) 7 Digital Vari-Programs<br>2) Programmed Auto with flexible program<br>3) Shutter-Priority Auto<br>4) Aperture-Priority Auto<br>5) Manual | 1) 7 Digital Vari-Programs<br>2) Programmed Auto with flexible program<br>3) Shutter-Priority Auto<br>4) Aperture-Priority Auto<br>5) Manual |
|                      | Exposure Compensation                                                                                                                             | ±5 in EV increments of 1/3, 1/2 or 1 EV                                                                                | ±5 EV in increments of 1/3, 1/2 or 1 EV                                                                                | ±5 EV in increments of 1/3, 1/2 or 1 EV                                                                                | ±5 EV in increments of 1/3 or 1/2 EV                                                                                                         | ±5 EV in increments of 1/3 or 1/2 EV                                                                                                         | ±5 EV in increments of 1/3 EV                                                                                                                | ±5 EV in increments of 1/3 EV                                                                                                                |
|                      | Auto Exposure Lock                                                                                                                                | Detected exposure value locked by pressing AE-L/AF-L button                                                            | Detected exposure value locked by pressing AE-L/AF-L button                                                            | Detected exposure value locked by pressing AE-L/AF-L button                                                            | Detected exposure value locked by pressing AE-L/AF-L button                                                                                  | Detected exposure value locked by pressing AE-L/AF-L button                                                                                  | Detected exposure value locked by pressing AE-L/AF-L button                                                                                  | Detected exposure value locked by pressing AE-L/AF-L button                                                                                  |
|                      | Auto Exposure Bracketing                                                                                                                          | 2 to 9 exposures in increments of 1/3, 1/2, 2/3, or 1 EV steps                                                         | 2 to 9 exposures in increments of 1/3, 1/2, 2/3, or 1 EV steps                                                         | 2 to 9 exposures in increments of 1/3, 1/2, 2/3, or 1 EV steps                                                         | 2 to 9 exposures in increments between 1/3 to 2.0 EV (±2 EV)                                                                                 | 2 to 3 exposures in increments between 1/3 to 2.0 EV (±2 EV)                                                                                 | No                                                                                                                                           | No                                                                                                                                           |
|                      | Active D-Lighting                                                                                                                                 | 3 levels                                                                                                               | 3 levels and Auto                                                                                                      | 3 levels                                                                                                               | No                                                                                                                                           | No                                                                                                                                           | 1 levels                                                                                                                                     | No                                                                                                                                           |
| Custom Settings      | Total custom Settings                                                                                                                             | 44                                                                                                                     | 50                                                                                                                     | 48                                                                                                                     | 44                                                                                                                                           | 32                                                                                                                                           | 11                                                                                                                                           | 17                                                                                                                                           |
|                      | My Menu                                                                                                                                           | Yes: with customization                                                                                                | Yes: with customization                                                                                                | Yes: with customization                                                                                                | No                                                                                                                                           | Yes                                                                                                                                          | Yes                                                                                                                                          | Yes                                                                                                                                          |
|                      | Recent Settings                                                                                                                                   | Yes                                                                                                                    | Yes                                                                                                                    | Yes                                                                                                                    | Yes                                                                                                                                          | Yes                                                                                                                                          | Yes                                                                                                                                          | Yes                                                                                                                                          |
| Shutter Release      | Top Framing Rate                                                                                                                                  | 1) Up to 9 frames per second at full resolution<br>2) Up to 11 frames per second DX Crop - with some limitations       | 1) Up to 5 frames per second<br>2) Up to 8 frames per second with optional MB-D10 Multi-Power Battery pack             | 1) Up to 6 frames per second<br>2) Up to 8 frames per second with optional MB-D10 Multi-Power Battery pack             | Up to 5 frames per second                                                                                                                    | Up to 3 frames per second                                                                                                                    | Up to 3 frames per second                                                                                                                    | Up to 2.5 frames per second                                                                                                                  |
|                      | Shutter Speed Range                                                                                                                               | 30 to 1/8,000 sec. in steps of 1/3, 1/2 or 1 EV, bulb                                                                  | 30 to 1/8,000 sec. in steps of 1/3, 1/2 or 1 EV, bulb                                                                  | 30 to 1/8,000 sec. in steps of 1/3, 1/2 or 1 EV, bulb                                                                  | 30 to 1/8,000 sec. in steps of 1/3 or 1/2 EV, bulb                                                                                           | 30 to 1/4,000 sec. in steps of 1/3 or 1/2 EV, bulb                                                                                           | 30 to 1/4,000 sec. in steps of 1/3 EV                                                                                                        | 30 to 1/4,000 sec. in steps of 1/3 EV                                                                                                        |
|                      | Shutter type                                                                                                                                      | Nikon self diagnostic electronically-controlled vertical-travel focal plane shutter                                    | Nikon self diagnostic electronically-controlled vertical-travel focal plane shutter                                    | Electronically-controlled vertical-travel focal plane shutter                                                          | Electronically-controlled vertical-travel focal plane shutter                                                                                | Electronically-controlled vertical-travel focal plane shutter                                                                                | Electronically-controlled vertical-travel focal plane shutter                                                                                | Combined mechanical and CCD electronic shutter                                                                                               |
|                      | Self-Timer                                                                                                                                        | 2,5,10 or 20 seconds                                                                                                   | 2,5,10 or 20 seconds                                                                                                   | 2,5,10 or 20 seconds                                                                                                   | 2,5,10 or 20 seconds                                                                                                                         | 2,5,10 or 20 seconds                                                                                                                         | 2,5,10 or 20 seconds                                                                                                                         | 2,5,10 or 20 seconds                                                                                                                         |
|                      | Remote Control                                                                                                                                    | Via 10-pin remote terminal                                                                                             | Via 10-pin remote terminal                                                                                             | Via 10-pin remote terminal                                                                                             | Via 10-pin remote terminal                                                                                                                   | Remote via USB (mini B) connection ML-L3 Wireless Remote Control (optional)                                                                  | Via ML-L3 Wireless Remote Controller (optional)                                                                                              | Via ML-L3 Wireless Remote Controller (optional)                                                                                              |
| Flash                | Built-in Flash                                                                                                                                    | No                                                                                                                     | Manual pop-up with button release                                                                                      | Manual pop-up with button release                                                                                      | Manual pop-up with button release                                                                                                            | 1) Auto flash with auto pop-up<br>2) Manual pop-up with button release                                                                       | 1) Auto flash with auto pop-up<br>2) Manual pop-up with button release (P, S, A, and M)                                                      | 1) Auto flash with auto pop-up<br>2) Manual pop-up with button release (P, S, A, and M)                                                      |
|                      | Built-in Flash Guide Number                                                                                                                       | Not applicable                                                                                                         | Approx. 56 ft rated at 200 ISO value                                                                                   | Approx. 55 ft rated at 200 ISO value                                                                                   | Approx. 55 ft rated at 200 ISO value                                                                                                         | Approx. 59 ft rated at 200 ISO value                                                                                                         | Approx. 55 ft rated at 200 ISO value                                                                                                         | Approx. 55 ft rated at 200 ISO value                                                                                                         |
|                      | Flash Modes With Compatible Nikon Speedlights<br>*For more information on Speedlight feature compatibility, please refer to the camera's brochure | 1) i-TTL Balanced Fill-Flash with Scene Recognition System<br>2) Auto Aperture<br>3) Non-TTL Auto<br>4) Range Priority | 1) i-TTL Balanced Fill-Flash with Scene Recognition System<br>2) Auto Aperture<br>3) Non-TTL Auto<br>4) Range Priority | 1) i-TTL Balanced Fill-Flash with Scene Recognition System<br>2) Auto Aperture<br>3) Non-TTL Auto<br>4) Range Priority | 1) i-TTL Balanced Fill-Flash<br>2) Auto Aperture<br>3) Non-TTL Auto<br>4) Range Priority                                                     | 1) i-TTL Balanced Fill-Flash<br>2) Auto Aperture<br>3) Non-TTL Auto<br>4) Range Priority                                                     | 1) i-TTL Balanced Fill-Flash<br>2) Auto Aperture<br>3) Non-TTL Auto                                                                          | 1) i-TTL Balanced Fill-Flash<br>2) Auto Aperture<br>3) Non-TTL Auto                                                                          |
|                      | Flash Sync Modes                                                                                                                                  | 1) Front Curtain Sync (normal)<br>2) Slow Sync<br>3) Rear-curtain Sync<br>4) Red-eye Reduction with Slow Sync          | 1) Front Curtain sync (normal)<br>2) Slow Sync<br>3) Rear-curtain Sync<br>4) Red-eye Reduction with Slow Sync          | 1) Front Curtain Sync (normal)<br>2) Slow Sync<br>3) Rear-curtain Sync<br>4) Red-eye Reduction with Slow Sync          | 1) Auto<br>2) Fill-in Flash<br>3) Red-eye Reduction<br>4) Red-eye Reduction with Slow Sync<br>5) Slow Sync<br>6) Rear-curtain Sync<br>7) Off | 1) Auto<br>2) Fill-in Flash<br>3) Red-eye Reduction<br>4) Red-eye Reduction with Slow Sync<br>5) Slow Sync<br>6) Rear-curtain Sync<br>7) Off | 1) Auto<br>2) Fill-in Flash<br>3) Red-eye Reduction<br>4) Red-eye Reduction with Slow Sync<br>5) Slow Sync<br>6) Rear-curtain Sync<br>7) Off | 1) Auto<br>2) Fill-in Flash<br>3) Red-eye Reduction<br>4) Red-eye Reduction with Slow Sync<br>5) Slow Sync<br>6) Rear-curtain Sync<br>7) Off |
|                      | Top Flash Sync TTL                                                                                                                                | 1/250th sec. or 1/320th sec.                                                                                           | 1/250th sec. or 1/320th sec.                                                                                           | 1/250th sec. or 1/320th sec.                                                                                           | 1/250th sec.                                                                                                                                 | 1/200th sec.                                                                                                                                 | 1/200th sec.                                                                                                                                 | 1/500th sec.                                                                                                                                 |
|                      | Auto FP High-Speed Flash Sync                                                                                                                     | 1/8,000th sec.                                                                                                         | 1/8,000th sec.                                                                                                         | 1/8,000th sec.                                                                                                         | 1/8,000th sec.                                                                                                                               | 1/4,000th sec.                                                                                                                               | No                                                                                                                                           | No                                                                                                                                           |
|                      | Flash Compensation                                                                                                                                | N/A                                                                                                                    | -3 to +1 EV in increments of 1/3 or 1/2 EV                                                                             | -3 to +1 EV in increments of 1/3 or 1/2 EV                                                                             | -3 to +1 EV in increments of 1/3 or 1/2 EV                                                                                                   | -3 to +1 EV in increments of 1/3 or 1/2 EV                                                                                                   | -3 to +1 EV in increments of 1/3 EV                                                                                                          | -3 to +1 EV in increments of 1/3 or 1/2 EV                                                                                                   |
|                      | Flash Bracketing                                                                                                                                  | 2 to 9 exposures in increments of 1/3, 1/2, 2/3, or 1 EV steps                                                         | 2 to 9 exposures in increments of 1/3, 1/2, 2/3, or 1 EV steps                                                         | 2 to 9 exposures in increments of 1/3, 1/2, 2/3, or 1 EV steps                                                         | Up to 9 exposures in increments between 1/3 to 2.0 EV                                                                                        | 2 to 3 exposures in increments between 1/3 to 2.0 EV                                                                                         | No                                                                                                                                           | No                                                                                                                                           |
|                      | Built-in Flash/ Commander Mode                                                                                                                    | No Commander Option                                                                                                    | Two-Group Wireless Commander with SB-900, SB-800, SB-600 and SB-R200 Speedlights                                       | Two-Group Wireless Commander with SB-900, SB-800, SB-600 and SB-R200 Speedlights                                       | Two-Group Wireless Commander with SB-900, SB-800, SB-600 and SB-R200 Speedlights                                                             | Two-Group Wireless Commander with SB-900, SB-800, SB-600 and SB-R200 Speedlights                                                             | No Commander Option                                                                                                                          | No Commander Option                                                                                                                          |



D3



D700



D300



D200



D80



D60



D40



|                         |                               |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |
|-------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| In-Camera Editing       | Retouch Menu                  | 1) D-Lighting<br>2) Red-eye Correction<br>3) Image Trimming<br>4) Monochrome<br>5) Filter Effects<br>6) Small Picture<br>7) Image Overlay<br>8) Side by side comparison                                                                                                                           | 1) D-Lighting<br>2) Red-eye Correction<br>3) Image Trimming<br>4) Monochrome<br>5) Filter Effects<br>6) Small Picture<br>7) Image Overlay<br>8) Side by side comparison                                                                                           | 1) D-Lighting<br>2) Red-eye Correction<br>3) Image Trimming<br>4) Monochrome<br>5) Filter Effects<br>6) Small Picture<br>7) Image Overlay                                                                                                                                      | No                                                                                                                                                                                               | 1) D-Lighting<br>2) Red-eye Correction<br>3) Image Trimming<br>4) Monochrome<br>5) Filter Effects<br>6) Small Picture<br>7) Image Overlay                                                                                                                                                                | 1) D-Lighting<br>2) Red-eye Correction<br>3) Image Trimming<br>4) Image Overlay<br>5) Monochrome<br>6) Filter Effects<br>7) Small Picture<br>8) NEF (RAW) Processing<br>9) Stop Motion Movie<br>10) Quick Re-Touch                                                | 1) D-Lighting<br>2) Red-eye Correction<br>3) Image Trimming<br>4) Monochrome<br>5) Filter Effects<br>6) Small Picture<br>7) Image Overlay                                                                                                                            |
|                         | High ISO Noise Reduction      | 1) Low<br>2) Normal<br>3) High                                                                                                                                                                                                                                                                    | 1) Low<br>2) Normal<br>3) High, Off                                                                                                                                                                                                                               | 1) Low<br>2) Normal<br>3) High                                                                                                                                                                                                                                                 | 1) Low<br>2) Normal<br>3) High                                                                                                                                                                   | 1) Low<br>2) Normal<br>3) High                                                                                                                                                                                                                                                                           | Yes                                                                                                                                                                                                                                                               | Yes                                                                                                                                                                                                                                                                  |
|                         | Long Exposure Noise Reduction | Yes                                                                                                                                                                                                                                                                                               | Yes                                                                                                                                                                                                                                                               | Yes                                                                                                                                                                                                                                                                            | Yes                                                                                                                                                                                              | Yes                                                                                                                                                                                                                                                                                                      | Yes                                                                                                                                                                                                                                                               | Yes                                                                                                                                                                                                                                                                  |
| Power                   | Power Source (included)       | One EN-EL4a Rechargeable Li-ion Battery                                                                                                                                                                                                                                                           | One EN-EL3e Rechargeable Li-ion Battery                                                                                                                                                                                                                           | One EN-EL3e Rechargeable Li-ion Battery                                                                                                                                                                                                                                        | One EN-EL3e Rechargeable Li-ion Battery                                                                                                                                                          | One EN-EL3e Rechargeable Li-ion Battery                                                                                                                                                                                                                                                                  | One EN-EL9 Rechargeable Li-ion Battery                                                                                                                                                                                                                            | One EN-EL9 Rechargeable Li-ion Battery                                                                                                                                                                                                                               |
|                         | Images per Battery Charge     | Up to 4,700 (Nikon Measurement Standard)                                                                                                                                                                                                                                                          | Up to 1,000 (CIPA Measurement Standard)                                                                                                                                                                                                                           | Up to 1,000 (CIPA Measurement Standard)                                                                                                                                                                                                                                        | Up to 1,800 (Nikon Measurement Standard)                                                                                                                                                         | Up to 2,700 (Nikon Measurement Standard)                                                                                                                                                                                                                                                                 | Up to 500 (CIPA Measurement Standard)                                                                                                                                                                                                                             | Up to 470 (CIPA Measurement Standard)                                                                                                                                                                                                                                |
|                         | Optional AC Power Supply      | EH-6 AC Adapter                                                                                                                                                                                                                                                                                   | EH-6 AC Adapter                                                                                                                                                                                                                                                   | EH-6 AC Adapter                                                                                                                                                                                                                                                                | EH-6 AC Adapter                                                                                                                                                                                  | EH-5 AC Adapter                                                                                                                                                                                                                                                                                          | EH-5 AC Adapter requires EP-5 Adapter                                                                                                                                                                                                                             | EH-5 AC Adapter requires EP-5 Adapter                                                                                                                                                                                                                                |
| Accessory               | Supplied Accessories          | EN-EL4a Rechargeable Li-ion Battery, MH-22 Quick Charger, UC-E4 USB Cable, EG-D2 Audio Video Cable, AN-D3 Camera Strap, BF-1A Body Cap, BS-2 Accessory Shoe Cap, BL-4 Battery Chamber Cover, USB Cable Clip, Software Suite CD-ROM. Supplied accessories may differ depending on country or area. | EN-EL3e Rechargeable Li-ion Battery, MH-18a Quick Charger, UC-E4 USB Cable, EG-D100 Video Cable, AN-D700 Strap, BM-9 LCD monitor cover, Body cap, BS-1 accessory shoe cover, Software Suite CD-ROM. Supplied accessories may differ depending on country or area. | EN-EL3e Rechargeable Li-ion Battery, MH-18a Quick Charger, UC-E4 USB Cable, EG-D100 Video Cable, AN-D300 Strap, BM-8 LCD monitor cover, Body cap, DK-5 Eyepiece Cap, DK-23 Rubber Eyecup, Software Suite CD-ROM. Supplied accessories may differ depending on country or area. | Rechargeable Li-ion Battery EN-EL3e, Quick Charger MH-18a, Video Cable, USB Cable UC-E4, Strap, Body cap, DK-5 Eyepiece Cap, Rubber Eyecup DK-21M, LCD monitor cover BM-6, Software Suite CD-ROM | EN-EL3e Rechargeable Li-ion Battery, MH-18a Quick Charger, EG-D2 Audio Video Cable, UC-E4 USB Cable, AN-DC1 Strap, BF-1A Body cap, DK-5 Eyepiece Cap, DK-21 Rubber Eyecup, BM-7 LCD monitor cover, Accessory shoe cover, Software Suite CD-ROM. Supplied accessories may differ in each country or area. | EN-EL9 Rechargeable Li-ion Battery, MH-23 Quick Charger, UC-E4 USB Cable, DK-20 Rubber Eyecup, AN-DC1 Camera Strap, BF-1A Body Cap, DK-5 Eyepiece Cap, BS-1 Accessory Shoe Cover, Software Suite CD-ROM. Supplied accessories may differ in each country or area. | EN-EL9 Rechargeable Li-ion Battery, MH-23 Quick Charger, UC-E4 USB Cable, Software Suite CD-ROM, DK-16 Rubber Eyecup, AN-DC1 Camera Strap, BF-1A Body Cap, DK-5 Eyepiece Cap, BS-1 Accessory Shoe Cap. Supplied accessories may differ depending on country or area. |
|                         | Optional Battery Pack         | No                                                                                                                                                                                                                                                                                                | MB-D10 Multi-Power Battery Pack accepts one rechargeable Nikon EN-EL3e Li-ion battery Eight AA alkaline (LR6), Ni-MH (HR6), lithium (FR6) batteries, or nickel-manganese (ZR6) AA batteries, or one EN-EL4a battery with BL-3                                     | MB-D10 Multi-Power Battery Pack accepts one rechargeable Nikon EN-EL3e Li-ion battery Eight AA alkaline (LR6), Ni-MH (HR6), lithium (FR6) batteries, or nickel-manganese (ZR6) AA batteries, or one EN-EL4a battery with BL-3                                                  | MB-D200 Battery pack accepts one or two rechargeable Nikon EN-EL3e Li-ion batteries or Six AA alkaline (LR6), Ni-MH (HR6), lithium (FR6) batteries, or nickel-manganese (ZR6) AA batteries       | MB-D80 Battery pack accepts one or two rechargeable Nikon EN-EL3e Li-ion batteries or Six AA alkaline (LR6), Ni-MH (HR6), lithium (FR6) batteries, or nickel-manganese (ZR6) AA batteries                                                                                                                | No                                                                                                                                                                                                                                                                | No                                                                                                                                                                                                                                                                   |
| Connectivity            | TV Output                     | NTSC, PAL, HDMI                                                                                                                                                                                                                                                                                   | NTSC, PAL, HDMI                                                                                                                                                                                                                                                   | NTSC, PAL, HDMI                                                                                                                                                                                                                                                                | NTSC, PAL                                                                                                                                                                                        | NTSC, PAL                                                                                                                                                                                                                                                                                                | NTSC, PAL                                                                                                                                                                                                                                                         | NTSC, PAL                                                                                                                                                                                                                                                            |
|                         | WiFi Functionality            | FTP file transfer available and PTP/IP with optional WT-4a (IEEE 802.11a/b/g)                                                                                                                                                                                                                     | FTP file transfer available and PTP/IP with optional WT-4a (IEEE 802.11a/b/g)                                                                                                                                                                                     | FTP file transfer available and PTP/IP with optional WT-4a (IEEE 802.11a/b/g)                                                                                                                                                                                                  | FTP file transfer available and PTP/IP with optional WT-3a (IEEE 802.11b/g)                                                                                                                      | No                                                                                                                                                                                                                                                                                                       | No                                                                                                                                                                                                                                                                | No                                                                                                                                                                                                                                                                   |
|                         | Interface/Connectivity        | USB 2.0 (Hi-Speed) (Mini-B connector) HDMI Output: supports HDMI version 1.3a, type A connector, CF card slot: supports UDMA, supports firmware updates via CF cards                                                                                                                              | USB 2.0 (Hi-Speed) (Mini-B connector) HDMI Output: supports HDMI version 1.3a, type C mini-pin connector, CF card slot: supports UDMA, supports firmware updates via CF cards                                                                                     | USB 2.0 (Hi-Speed) (Mini-B connector) HDMI Output: supports HDMI version 1.3a, type A connector, CF card slot: supports UDMA, supports firmware updates via CF cards                                                                                                           | USB 2.0 (Hi-speed) (Mini-B connector); CF card slot: supports firmware updates via CF cards                                                                                                      | USB 2.0 (Hi-speed) (Mini-B connector); SD card slot: supports firmware updates via SD cards                                                                                                                                                                                                              | USB 2.0 (Hi-speed) (Mini-B connector); SD card slot: supports firmware updates via SD cards                                                                                                                                                                       | USB 2.0 (Hi-speed) (Mini-B connector); SD card slot: supports firmware updates via SD cards                                                                                                                                                                          |
|                         | GPS                           | With optional MC-35 cord                                                                                                                                                                                                                                                                          | With optional MC-35 cord                                                                                                                                                                                                                                          | With optional MC-35 cord                                                                                                                                                                                                                                                       | With optional MC-35 cord                                                                                                                                                                         | No                                                                                                                                                                                                                                                                                                       | No                                                                                                                                                                                                                                                                | No                                                                                                                                                                                                                                                                   |
| Physical Specifications | Dimensions (W x H x D)        | Approx. 6.3 x 6.2 x 3.4 in.                                                                                                                                                                                                                                                                       | Approx. 5.8 x 4.8 x 3.0 in.                                                                                                                                                                                                                                       | Approx: 5.8 x 4.5 x 2.9 in.                                                                                                                                                                                                                                                    | Approx: 5.8 x 4.4 x 2.9 in.                                                                                                                                                                      | Approx: 5.2 x 4.1 x 3.0 in.                                                                                                                                                                                                                                                                              | Approx. 5.0 x 3.7 x 2.5 in.                                                                                                                                                                                                                                       | Approx. 5.0 x 3.7 x 2.5 in.                                                                                                                                                                                                                                          |
|                         | Weight                        | Approx. 2.lbs. 11oz. Without battery or memory card                                                                                                                                                                                                                                               | Approx. 2.lbs. 1oz. Without battery, memory card or monitor cover                                                                                                                                                                                                 | Approx. 1 lbs. 13oz. Without battery, memory card or monitor cover                                                                                                                                                                                                             | Approx. 1 lb. 13 oz Without battery, memory card or monitor cover                                                                                                                                | Approx. 1 lb. 5 oz Without battery or memory card                                                                                                                                                                                                                                                        | Approx. 1 lb. 1 oz Without battery or memory card                                                                                                                                                                                                                 | Approx. 1 lb. 1 oz Without battery or memory card                                                                                                                                                                                                                    |



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