The Nikon digital SLR experience.
Fulfillment defined.

- 6.1 Effective Megapixels for 3,008 x 2,000-pixel images

- Compact and lightweight (weighs approx. 24.7 oz.)

- New CCD sensor is the same size as that of D1-series SLRs (lens image coverage factor x1.5)

- 3D Digital Matrix Image Control for precise exposure control, TTL auto white balance, and optimal color accuracy

- High-performance built-in Speedlight with D-TTL flash control for Multi-Sensor Balanced Fill-Flash and manual control. GN 51 at ISO 200

- Three color modes

- Five-Area Autofocus with Dynamic AF operation, Focus-Tracking and Lock-on™

- High-speed image processing provided by new one-chip system LSI

- Top shutter speed of 1/4,000 sec. and flash sync speed up to 1/180 sec. 30 second long exposures

- Plug-and-play USB1.1 interface for quick computer connection

- On-Demand Grid Lines can be displayed in viewfinder

- Custom Settings can be selected in the LCD monitor

- Compatible with Certified CompactFlash™ cards Type I and Type II including 512MB/1GB IBM MicroDrive™

- Nikon View 5 software (supplied) enables easy transfer, viewing and simple editing of images on your computer (Mac and PC)

- Optional Nikon Capture 3 software for excellent image management and remote operation

- Optional Multi Function Battery Pack MB-D100 accepts six 1.5V LR6 (AA-size alkaline) batteries or two Li-ion rechargeable batteries for extended shooting capability. Features voice memo recording/playback function, vertical shutter release button, Command and Sub Command Dials, AF start button and a 10-pin remote terminal.

D100 Digital SLR Camera

Nikon is pleased to announce the new Nikon D100 digital SLR camera; developed to meet the growing needs of the advanced digital SLR market, this new camera provides compact and lightweight design, and is loaded with exciting high performance features. Taking its place along side the successful D1H and D1X models, the D100 will appeal to customers ranging from advanced amateurs who enjoy both great pictures and the process of making them, to people with needs for photography in their business profession.

The new Nikon D100 features sophisticated digital image control technology. Included among its many advanced features are: CCD with 6.1 effective megapixels, advanced image-processing algorithm, and an enhanced Auto White Balance system. The D100 inherits exclusive, high-performance Nikon features such as 3D Matrix Metering, Five-Area Dynamic Autofocus with Focus Tracking and Lock-on™, plus the convenience and performance of a new built-in Speedlight which features D-TTL flash control capability. And of course, D100 provides full compatibility with more than 40 AF Nikkor lenses, as well as numerous other Nikon accessories, including a new Multi Function Battery Pack and a new Nikon Capture 3 software. Capture 3, together with the Multi-Function Battery Pack, will enable remote control of the camera body, and Nikon Electronic File (NEF) format images are available for superior image management and outstanding quality. All of these features are packed in a stylish, compact and lightweight body for convenient and comfortable handling. With so many innovations in such a practical design, the Nikon D100 is certain to attract countless new digital SLR users to the world of Nikon digital SLR photography.

Digital SLR Camera Specifications:

Type of Camera:	Lens-interchangeable digital SLR camera Nikon D100
Effective Pixels:	6.1 million
CCD:	23.7 x 15.6mm RGB CCD; 6.31 million total pixels
Image Size:	L (3,008 x 2,000); M (2,240 x 1,488), S (1,504 x 1,000)
Sensitivity:	ISO equivalency 200 – 1600 (can be boosted to higher ISO equivalency)
Storage:	System: EXIF file (uncompressed TIFF or compressed JPEG); uncompressed RAW (12-bit), Media: CompactFlash™ (CF) Card (Type I/II) and 512MB/1GB IBM Microdrive™
Shooting Modes:	1) Single frame shooting (S) mode, 2) Continuous shooting (C) mode, 3) Self-timer mode: time duration can be set
White Balance:	1) Auto (TTL control using image sensor), 2) Manual (6 settings with fine tuning), 3) Preset
Color Setting:	3 modes available
Color Adjustment:	+3 to –3 step for each color setting
LCD Monitor:	1.8-in., 118,000-dot, low-temp. polysilicon TFT LCD with LED backlighting
Playback Function:	1 frame; Thumbnail (4/9 segments); Magnifying playback; Slide show; Histogram indication; Highlight point display
Delete Function:	Card Format, All frames delete, Selected frames delete
Video Output:	NTSC or PAL (switchable)
Interface:	USB 1.1
Viewfinder:	Optical-type fixed-eye level pentaprism; built-in diopter adjustment (–2 to +1 m-1);
Eyepoint:	20mm (at –1.0 m-1)
Focusing Screen:	B-type Bright View Clear Matte screen II
Viewfinder Frame Coverage:	Approx. 95%
Viewfinder Magnification:	Approx. 0.8x with 50mm lens set to infinity and –1.0 m-1
Viewfinder Information:	Focus indications, Shutter speed, Aperture value, Exposure indicator, Exposure compensation, Flash output level compensation, Frame count, etc.
On-Screen Information:	Focus frame, Grid lines, Center-weighted metering area
Autofocus:	TTL phase detection, Nikon Multi-CAM900 autofocus module; Detection range: EV –1 to EV 19 (ISO 100 equivalent, at normal temperature: 20°C/68°F)
Lens Servo:	1) Single Servo AF (S), 2) Continuous Servo AF (C), 3) Manual focus (M)
Focus Area:	One of five focus areas can be selected
AF Area Mode:	1) Single Area AF, 2) Dynamic AF (Dynamic AF Mode with Closest Subject Priority is available)
Focus Lock:	Focus is locked by pressing AE-L/AF-L button or lightly pressing shutter release button in (S) AF
Compatible Lenses:	1) D-type/G-type AF Nikkor: All functions possible, 2) D-type Manual-Focus Nikkor: All functions except autofocus possible, 3) AF Nikkor other than D-type/G-type: All functions possible except 3D Matrix Metering, 4) AI-P Nikkor: All functions except 3D Matrix Metering and autofocus possible, 5) Non-CPU: Usable in [M] mode (camera's built-in exposure meter does not work), Electronic Rangefinder usable with lens with maximum aperture of f/5.6 or faster; IX-Nikkors cannot be used.

Picture Angle:	Approx. 1.5x focal length in 35mm [135] format equivalent
Exposure Metering:	TTL full-aperture exposure metering system; 1) 3D Matrix Metering with 10-segment SPD, 2) Center-Weighted , 3) Spot Metering
Exposure Metering Range:	1) Matrix Metering: EV 0-21, 2) Center-Weighted Metering: EV 0-21, 3) Spot Metering: EV 3-21 (at normal temperature, ISO 100 equivalent, f/1.4 lens)
Exposure Mode:	1) [P] Auto-Multi Program (Flexible Program possible), 2) [S] Shutter-Priority Auto, 3) [A] Aperture-Priority Auto, 4) [M] Manual; shutter speed/aperture adjustable in 1/2 or 1/3 EV steps; ISO Automatic Control Mode: (Custom setting) is available in any exposure mode (P, S, A, M)
Exposure Compensation:	Exposure compensated in ±5 EV range in 1/2 or 1/3 EV steps
Auto Exposure Lock:	Detected exposure value locked by pressing AE-L/AF-L button
Auto Exposure Bracketing:	Number of shots: two or three, Compensation steps: 1/3, 1/2, 2/3 or 1 step
Shutter Speeds:	30 to 1/4,000 sec. and Bulb
Sync Contact:	X-contact only; flash synchronization up to 1/180 sec.
Flash Control:	1) D-TTL (Automatic Balanced Fill-Flash controlled by five-segment TTL Multi Sensor) with built-in Speedlight and external Speedlight such as SB-80DX/28DX/50DX: three modes available, 2) Non-TTL Auto Flash with an external Speedlight
Flash Sync Mode:	1) Front-Curtain Sync (normal sync), 2) Red-Eye Reduction, 3) Red-Eye Reduction with Slow Sync, 4) Slow Sync, 5) Rear-Curtain Sync
Built-In Speedlight:	Manual pop-up type, GN: 51 (ISO 200 ft.)
Sensitivity Range:	ISO 200 – 800 equivalent
Sync Flash System	Not available
With External Speedlight:	
Ready-Light:	Red LED indicator inside the viewfinder
Accessory Shoe:	Standard ISO-type hot-shoe contact; safety lock provided
Sync Terminal:	Available in optional hot shoe adapter AS-15
Self-Timer:	Electronically controlled; timer duration: 2, 5, 10 (default), 20 sec.
Depth-of-Field Preview Button:	Stop-down lens aperture by pressing depth-of-field preview button (Electronically controlled type)
Voice Memo	Available in optional Multi Function Battery Pack
Letter Input	Multi selector enables inputting of alphanumeric characters (max. 36)
Remote Control	10-pin remote terminal available in optional Multi Function Battery Pack
Power Requirements	Li-ion Battery Pack EN-EL3 (7.2V DC), AC Adapter EH-5 (100-240V AC)
Tripod Socket:	1/4 in. (ISO1222)
Requirements:	Can be selected on LCD
Dimensions (W x H x D):	Approx. 144 x 116 x 80.5mm (5.7 x 4.6 x 3.2 in.)
Weight (without battery):	Approx. 24.7 oz.
Optional Accessories:	Multi Function Battery Pack MB-D100, Li-ion Battery Pack EN-EL3, Charger, MH-18/19, AC Adapter EH-5, CompactFlash™ Cards, Speedlight SB-80DX/SB-28DX/SB-50DX, "Nikon Capture 3" Control Software, Semi-Soft Case CF-D100