As a premier architectural photographer, I am always looking for a lightweight, compact and reliable camera system fulfilling the requirements of my personal artistic and client expectations. The Nikon D800 will set new standards for the high-end 36.3 megapixel digital cameras that produce images with such exceptional quality and detail. The speed and power, without compromise. That’s how I sum up my impression of the new Nikon D800. Established medium-format image quality is now inside a phenomenal, incredibly responsive Nikon machine. At 36.3 megapixels, the D800 produces unprecedented image quality and resolution within a body that boasts revolutionary technological advances. The 3D-color matrix metering III, wide dynamic range and the improved AF performance in low light are just a few features that are glaring improvements. The D800 allows me to concentrate on the light, the composition and my subject without having to think about much else. In years past, wedding photography was traditionally captured with medium-format equipment for maximum image quality. When the 35mm format was adopted within the genre, it was widely accepted that image quality was compromised in lieu of speed and convenience. Now, my wedding portraiture will have a depth it’s never shown before, and my style of shooting will be enhanced rather than compromised, thanks to the D800.

When I’m shooting beauty and jewelry in the studio or fashion on location, 36.3 megapixels changes the industry standard: in image quality, dynamic range, color rendering and the final print. The detail from the D800 produces the look of a medium-format camera, but gives me the feel and response of a D-SLR. The improvements in rendering skin tone and specular highlights, as well as fabric and hair detail are superior to anything that has come before. Autofocus quickly tracks models in motion. Nikon’s 91K-pixel RGB sensor has noticeable improvements in metering accuracy, while the larger LCD is easier to read. The camera body feels solid and ergonomically simple, while also feeling lighter and smaller than previous high-resolution Nikons. New cameras always inspire me to test and explore, and all the useful features in such a compact package will open huge creative possibilities for my high-quality prints and video.

To me, cameras are more like paintbrushes than technology. The goal is not megapixels or technique but the image, and while camera models are important, they are not the be-all or end-all. But after a lifetime using countless cameras, I have found a new best friend. It was not love at first sight. The sharpness and detail were initially intimidating, exposing my flaws like never before. Tumbs camera movements slowed and differences in acuity between aperture choices on various lenses were apparent. But now I am enthralled with this technology. Why? Because the images almost feel as though they were made with a 4x5 view camera! Special features like time-lapse photography and the improved HD video quality and flexibility also add tremendously to the camera’s personality. After spending a month with the D800, I’ll never be the same again. Perhaps the best compliment I can express is that now I’ll think differently about the images I make.

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. February 2012 ©2012 Nikon Corporation. Nikon symbol is a registered trademark of Nikon Corporation in Japan and the USA.
• Lens: AF-S NIKKOR 200mm f/2G ED VR II
• Exposure: [M] mode, 1/200 second, f/10
• White balance: Color temperature (5,500 K)
• Sensitivity: ISO 100
• Picture Control: Portrait

©Rob Van Petten

• Lens: AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED
• Exposure: [A] mode, 1/500 second, f/8
• White balance: Auto 1
• Sensitivity: ISO 400
• Picture Control: Standard

©Jim Brandenburg
What does it take to render images perfectly? Sharp resolution? Subtle textures? Color fidelity? Tones so nuanced that the viewer wants to reach out and touch them? All of this is possible with the D800, Nikon’s newest FX-format D-SLR. Its groundbreaking 36.3 megapixels and the powerful EXPEED 3 image-processing engine offer imaging potential that rivals some of the best studio cameras, but with the agility and durability of a Nikon digital SLR body. Depict the slightest change in light or shadow, on a piece of jewelry or in the glow of human skin. Still images reach a completely new height with unprecedented depth and details, both indoors and out, and this is only the beginning. Nikon’s exclusive 91K-pixel RGB sensor enables the Advanced Scene Recognition System to detect human faces even when shooting through the optical viewfinder, adding even more of an edge to your AF, AE and i-TTL flash performance. If your workflow demands broadcast quality video with high-fidelity audio recording, D-Movie will satisfy even the most demanding clients. Moreover, the D800 shoots 1080p Full HD in both FX- and DX-based formats, offering cinematographers a liberating versatility. All of this works in conjunction with outstanding mechanical precision, as well as the exceptionally sharp and versatile NIKKOR lens lineup. Turn your imagination into stunning still images and spectacular video. Create something monumental. With the D800, you can.
HIGH IMAGE QUALITY & IMAGE-PROCESSING SPEED

EXPEED 3 image-processing engine: speed, versatility, and high performance

- High-megapixel still images are detail-rich but data-heavy. With the D800, however, you don’t have to sacrifice speed for this privilege. Dedicated to understanding speed and its role in image making, Nikon engineers designed a powerful EXPEED 3 image-processing engine exclusively for digital SLRs. From image processing and card recording to image playback and image transfer, EXPEED 3 manages massive amounts of data at faster speeds than EXPEED 2. Even with specialized processing features like Active D-Lighting and high ISO noise reduction, capture speed is not affected. EXPEED 3 is so powerful that it handles data-intensive tasks such as Full HD video recording at 30p with ease. You’ll also notice the difference in your still images and videos through minimized noise and even richer colors and tones. In addition to these fundamental advantages, the D800 reduces the kind of color phase shift that some cameras have difficulty with in similar situations.

- Lateral chromatic aberration reduction: Take full advantage of your NIKKOR lens collection

High-megapixel sensors can really test the quality of your lenses, but you can be confident that the combination of brilliant NIKKOR lenses and Nikon’s intelligent processing measures will significantly reduce lateral chromatic aberration to give you incredibly natural-looking results. Unlike other correction methods that simply eliminate chromatic aberration, Nikon’s method compensates for these color differences in a resolving index for each color, making it particularly effective in producing images with stunning edge-to-edge sharpness. Moreover, because these corrections are made regardless of the NIKKOR lens used, this feature contributes substantially to achieving the sharpest images possible.

- 14-bit A/D conversion and 16-bit image processing for rich tones and natural colors

Tonal gradation is where an image transforms from simply representing life to taking on a life of its own. The D800 does exactly that, with cutting-edge image processing that injects vital energy into your images. Black is rendered as pitch black, and shadow details are subtle and rich. Even under harsh, high-contrast light, where some cameras can fail, the D800’s gradation remains smooth with abundant detail and tone all the way up the scale to pure white.
Advanced Scene Recognition System

The D800’s auto white balance is incredibly accurate in a diverse range of shooting situations, aided by unique Nikon technology that effectively identifies your light sources, both natural and artificial. With the 91K-pixel RGB sensor and the image sensor working together, the camera renders white as white with supreme accuracy. Or if you prefer, the auto white balance can be set to reflect the warmth of ambient, incandescent lighting.

Wide AF coverage & improved AF sensitivity

Versatile AF-area modes

Whether it’s a still life, a portrait, a landscape or a candid street scene, your subject matter varies, but its importance doesn’t. That’s why the D800 offers four AF-area modes, each specifically tailored to adapt to various subjects. Single-point AF is ideal when you need pinpoint focus on stationary subjects. Dynamic-area AF has three options (9-point, 21-point and 51-point) and is ideal for shooting moving subjects. The selected AF point and the surrounding points keep your subject in sharp focus even if it briefly leaves the selected points. 3D-tracking allows you to maintain focus on moving subjects even if they move erratically from side to side. Auto-area AF detects human faces and prioritizes their sharpness for you — an ideal choice for candid photography.

Detailed scene analysis with constant face detection for more accurate auto control

Professional photographers who shoot still images know that Nikon’s metering system delivers supremely well-balanced exposures. Thanks to the 91K-pixel RGB sensor, the D800 has far more detailed scene information at its disposal — including detected face information. This data helps the 3D color matrix metering III deliver more desirable auto exposures. Especially when there are human faces present. When the D800 recognizes a human face in a backlit situation, the camera determines the overall exposure while prioritizing the facial exposure, which might otherwise be underexposed. When a face is lit from the front and appears much brighter than the background, the camera recognizes the situation and avoids blowing out the facial details.

More balanced results in i-TTL balanced fill-flash and Active D-Lighting

Nikon’s i-TTL system has long been considered the most accurate flash control system in photography, but now face detection and highlight analysis by the 91K-pixel RGB sensor pushes performance even further. With the D800’s enhanced i-TTL balanced fill-flash, you can more precisely illuminate people’s faces in relation to their surrounding brightness using either the built-in flash or an external hot-shoe Nikon Speedlight. For weddings and fashion shoots, or any photography that relies on the highest-quality still images, this new standard redefines what a flash system should be. Face detection also makes a difference when Active D-Lighting is used to retain highlights and shadows in high-contrast lighting situations. Faces will be optimally exposed both in the sun and in the shade.

Light source identification for auto white balance in still images

The D800’s auto white balance is incredibly accurate in a diverse range of shooting situations, aided by unique Nikon technology that effectively identifies your light sources, both natural and artificial. With the 91K-pixel RGB sensor and the image sensor working together, the camera renders white as white with supreme accuracy. Or if you prefer, the auto white balance can be set to reflect the warmth of ambient, incandescent lighting.

Advanced Multi-CAM 3500FX autofocus sensor module for razor-sharp detection in low light

Accurate AF detection is crucial for extremely high-resolution still images in every situation. The 51 sensor points in the D800’s AF sensor module work down to -2 EV ISO 100, 68˚F/20˚C, the approximate physical limit of human visibility through an optical viewfinder. For even more powerful detection, you can rely on the camera’s 15 cross-type sensors in the center to detect both vertical and horizontal lines when using any AF NIKKOR lenses of f/6.6 or faster. What’s more, AF can be activated with eleven focus points in the center with open aperture of f/8*, which is a big plus when you combine a telephoto lens with a 2.0x teleconverter to shoot distant subjects.

More accurate face detection in auto-area AF and subject tracking in 3D-tracking

Auto-area AF and 3D-tracking are AF-area modes unique to Nikon that use your subject’s color and brightness information to detect focus. With the D800 and its more precise information and subject recognition advancements, expect big steps forward for both AF-area modes when taking high-quality still images. In auto-area AF, the camera can genuinely detect human faces and focuses on them immediately — useful when faces are a priority and there’s no time to choose focus points. When using 3D-tracking, the sensor’s fine resolution combines with a specifically optimized AF algorithm to realize unprecedented subject tracking precision, recognizing detailed patterns to keep your subject in sharp focus.

WIDE AF COVERAGE & IMPROVED AF SENSITIVITY

ADVANCED SCENE RECOGNITION SYSTEM
Broadcast quality video in two D-Movie formats

**TRUE CINEMATIC EXPERIENCE**

Full HD video quality and minimized rolling shutter effect: Dynamic movie shooting in diverse lighting situations

Many filmmakers, multimedia professionals and still photographers need the highly mobile, lightweight and compact form of a D-SLR in order to cover large events or make documentaries, music videos or movies. For these professionals, the D800 is ready to create true cinematic experiences. By using the B frame data compression method, you can record 1080p Full HD video at 30p in H.264/MP4 format with unmatched moving image integrity for up to 29 min.* 59.94 s* of recording in a single clip. Thanks to Nikon's latest image-processing optimizations, the monumental power of 36.3 megapixels transforms to sharp, exquisitely rendered videos. Expect exceptionally smooth gradation in blue skies, with minimum block noise and beautifully natural movement rendered clearly and sharply. The D800's intelligent image sensor reads out movie images at faster rates than ever, significantly reducing the rolling shutter distortion that can occur during panning shots or when shooting fast-moving lateral subjects like trains. Thanks to EXPEED 3, your movies will take on a distinctive look of their own, even with dimly lit scenes. Combine these benefits and you'll begin to realize exactly the new creative opportunities photographers and cinematographers alike can now explore. With the D800, it is easier than ever to reduce flicker effects during live view and video recording. Simply use Auto in the aperture mode to instantly capture still images in 16:9 aspect ratio. Each time you use live view, for either still photography or movie shooting, your image area and camera setting information will be clearly indicated, allowing you to confirm quickly.

**EXPEED 3 for movie shooting**

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**Broadband high-definition audio recording control**

Capture a variety of scenes and subjects at a breathtaking pace. The D800's time-lapse photography lets you set intervals and frame rates in order to dramatically relay slow-moving activity at dramatic speeds. The D800 allows you to shoot time-lapse photography with reproducible rates from 24 times to 36,000 times faster than normal. Time-lapse photography files can be saved as a movie file.

**Versatile custom settings for D-Movie**

The D800 has addressed useful feedback from videographers with convenient custom controls for D-Movie operation. Instead of rotating the command dial, power aperture enables smoother aperture controls during movie live view using a button designated via custom menu, which can be very convenient to confirm depth of field. Index marking helps you locate important frames for inter-stage in-camera editing and replay by attaching markers during movie recording. Markings are indicated along with the timeline, which is easy to confirm visually.

**Time-lapse photography**

During movie shooting, you can now simultaneously check videos on an external monitor* using an HDMI connection, in addition to the camera's TFT monitor. For those who need the purest video output for professional quality editing, you can now record uncompressed movie live view footage directly to an external storage device via HDMI interface.

**Multi-area mode Full HD D-Movie: Creative movie-making freedom in FX- and DX-based formats**

The D800 is designed to stimulate cinematographers to explore different moods and perspectives by enabling Full HD and HD video recording in two frame formats, Nikon FX- and DX-based movie formats in just one camera. When using wide-aperture NIKKOR lenses, the large image area of the FX-based format renders exquisitely shallow depth of field with beautiful bokeh effects. The DX-based format uses an image area similar to 35mm film, allowing cinematographers to shoot with picture angles that they are accustomed to. Having the advantage of two D-Movie formats in one camera and an arsenal of NIKKOR lenses, the large image area of the FX-based format* renders exquisitely shallow depth of field with beautiful bokeh effects. The DX-based format uses an image area similar to 35mm film, allowing cinematographers to shoot with picture angles that they are accustomed to. Having the advantage of two D-Movie formats in one camera and an arsenal of NIKKOR lenses makes the D800 an incredibly versatile movie-making tool.

**Frame size and frame rate**

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Note: Options support both high and normal image quality.

**Live view selector for optimized still images and movies**

The D800's live view operation has evolved even further, optimizing camera control to become more intuitive for shooting video as well as still images. Simply clicking the live view selector switches between live view modes designed specifically for still images or movies. Live view photography lets you shoot still images while confirming the exposure level on the LCD monitor*. You can even magnify images up to approx. 23x to check the exact focus. For movie live view on the other hand, the D800 incorporates a dedicated exposure control for quality video shooting, enabling smooth exposure transition when shooting moving subjects. You can also shoot video with full manual control. When needed, press the shutter-release button while filming to instantly capture still images in 16:9 aspect ratio. Each time you use live view, for either still photography or movie shooting, your image area and camera setting information will be clearly indicated, allowing you to confirm quickly.

*Exposure preview display and resulting image may vary, depending on the settings used.

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**Audio levels can be visually confirmed — both before and during movie shooting.**

**Comprehensive high-fidelity audio recording control**

**Video and audio recording in multiple formats**

Broadcast quality video and high-fidelity audio recording make the D800 an incredibly versatile movie-making tool.

**Still photography files can be saved as a movie file.**

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on the road as it is in the studio. Severely tested, making the D800 as reliable against accidental shock, and weather and protects the sophisticated technologies as rugged. A magnesium alloy construction to achieve better durability and lighter weight. The result Many important parts of the D800 have been designed to help you sense sharp focus intuitively, be it manual or autofocus.

Precision 3.2-in. (8-cm), approx. 921k-dot, wide-viewing-angle LCD monitor with automatic monitor brightness control

The D800’s large and sharp color LCD monitor delivers bright, crisp image playback with a much larger capacity for accurate color reproduction. Using an antireflective structure, you can count on clarity equal to that of the D4, even under bright conditions. Moreover, if monitor brightness is set to “Auto”, the camera automatically adjusts LCD brightness according to the environmental lighting conditions measured by the ambient brightness sensor, allowing easy use of live view in both bright and low-light places — very useful when shooting video and stills. The ability to magnify playback images up to 46x (Large-size images in FX format) is extremely helpful for spot focus confirmation.

Lightweight yet durable construction

Many important parts of the D800 have been designed to achieve better durability and lighter weight. The result is a camera approx. 10% lighter than the D700, yet just as rugged. A magnesium alloy construction protects the sophisticated technologies against accidental shock, and weather and dust sealing has been extensively applied and severely tested, making the D800 as reliable on the road as it is in the studio.

Approx. 100% optical viewfinder, 3.2-in. (8-cm) color-rich LCD, magnesium alloy body, dual card slots

VISION YOU CAN DEPEND ON

Glass prism optical viewfinder with approximately 100% frame coverage

See every important element in your frame clearly and precisely. The D800 offers approx. 100% frame coverage (in FX format) from its slim pentaprism, giving you the visually comfortable FX-format advantage and an unobstructed view when shooting still images. The viewfinder image is not only large and bright — the focusing screen is also carefully designed to help you sense sharp focus intuitively, be it manual or autofocus.

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Fast response time

The D800 is designed to respond immediately. Once the strategically located switch is turned on, the camera starts up in approx. 0.12 seconds* and your finger is in position for shutter release. Release time lag is minimized to approx. 0.042 seconds*, equivalent to that of the D3S, with continuous approx. 4 fps capability in FX format, approx. 5 fps in 1.2x and DX format and approx. 6 fps capability in DX format ** with MB-D12.

*Based on CIPA Guidelines.
**When used together with batteries other than EN-EL15.

High-speed CF and SD dual card slots

Card recording speed is yet another crucial element of a smooth and productive shooting experience. The D800 CF memory card slot is compatible with the latest UDMA 7. The SD card slot is compatible with SDXC (Secure Digital eXtended Capacity) and UHS-I. You can also use two cards simultaneously for a number of functions, such as recording JPEG and RAW data on separate cards, recording the same data simultaneously on two cards for backup and more.

High-speed data transfer with USB 3.0

For a more productive tethered and transfer workflow, the D800 is compatible with USB 3.0. When connected to equipment featuring USB 2.0, speed is reduced to that of USB 2.0.

High-precision, high-durability shutter

The D800’s shutter unit has been tested to well over 200,000 cycles of release to prove durability and precision. While the shutter unit designed to run at a speed range of 1/8,000 to 30 s, its intelligent self-diagnostic shutter monitor automatically monitors actual shutter speeds in order to correct possible variances that can occur over time.

MB-D12 Multi-Power Battery Pack (optional)

Attach the MB-D12 to the camera body to extend battery stamina. The pack accommodates a variety of batteries (see specifications) and utilizes the same integral magnesium alloy construction and weather sealing as the D800 body itself. You also get approx. 6 fps continuous shooting speed* in DX format. The MB-D12 has its own dedicated shutter-release button and command dials for vertical composition shooting.

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RELIABILITY

READY FOR DEMANDING TASKS

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*When using batteries other than EN-EL15 Rechargeable Li-ion Battery.

Efficient power management

A comprehensive re-working of the D800’s circuits now enables approx. 900 shots* of still image shooting. All on one charge of an EN-EL15 Rechargeable Li-ion Battery.

*Based on CIPA Standards.
CREATIVE EXPANSION TOOLS

Connect to Picture Control
Customize the look of your stills and videos through Picture Controls by fine-tuning parameters such as sharpening, saturation, and hue. The D800 now allows you to access Picture Control instantly and directly from a dedicated button rather than entering the menu. When live view shooting, you can visually confirm how customized Picture Control settings will look and easily adjust the parameters.

Choosing AF mode and AF-area mode combinations
Control your desired AF mode (continuous or single servo) and AF-area mode (single-point, dynamic-area, 3D-tracking or auto-area AF) without ever taking your eye away from the viewfinder. By using a dedicated AF-mode button and command dials, you can switch between modes without interrupting your creative flow.

Direct access to Picture Control
By using the Picture Control button, you’re ready to trigger movie recording in an instant. The movie-record button means you’re ready to trigger movie recording at any time. For movie shooting you to concentrate when it matters, while the designated movie-record button means you’re ready to trigger movie recording in an instant.

Four-button layout and release mode dial on the camera’s top deck
Important camera settings can be controlled and adjusted from buttons placed on the top deck. Along with dedicated buttons for ISO, white balance and image quality, a new bracketing button has been strategically placed to aid such features as HDR. In addition, the release mode dial also improves mode visibility and operability.

RELATIONSHIP OF THE VARIOUS DIALS

Control your desired AF mode (continuous or single servo) and AF-area mode (single-point, dynamic-area, 3D-tracking or auto-area AF) without ever taking your eye away from the viewfinder. By using a dedicated AF-mode button and command dials, you can switch between modes without interrupting your creative flow.

Accurate confirmation of level shooting: Dual-axis electronic virtual horizon
With the D800, you can always check the LCD monitor or the viewfinder for both the camera’s position in relation to the horizontal plane and its pitch (forward or rear rotation). This can enhance compositional accuracy, particularly when shooting still lifes, landscapes and architecture.

Refined color temperature control: Minute control over white balance
The D800’s white balance proves its reliability even when using an external flash and live view in the studio environment. The monitor hue of live view and resulting image’s white balance can be individually set so that the difference between the two is minimized. Furthermore, for even more control, color temperature can be manually set in 10-kelvin increments or in mired units.

Shoot achieving reduced blur with zoom lenses in dim light
Auto shutter speed control for auto ISO sensitivity control
The D800 comes equipped with an auto option for minimum shutter speed that automatically controls the balance between shutter speed and the ISO sensitivity based on the focal length of the lens being used. This can be particularly useful when using a zoom lens, because the camera can automatically choose the shutter speed to reduce camera shake. What’s more, through the operation of ISO button and sub-command dial, auto ISO sensitivity control can be immediately turned on or off, without needing to enter the menu.

Shoot with multiple formats in one camera: Image area options
The D800 offers four image area options: FX format (35.9 x 24.0 mm), 5:4 (30.0 x 24.0 mm), 1.2x (30.0 x 19.9 mm), and DX format (23.4 x 15.6 mm). When a DX NIKKOR lens is used, DX format offers approx. 1.2x telephoto effect. When a DX NIKKOR lens is used, DX format (23.4 x 15.6 mm) with all cropped image areas visually masked in the viewfinder. DX format offers approx. 1.5x, and 1.2x crop offers approx. 1.2x telephoto effect. When a DX NIKKOR lens is used, DX format is automatically selected.

Image enhancement options: In-camera editing
Captured images and movies can be altered and edited in-camera and on the fly if required, all without the need to resort to a computer. Retouch menus include an array of useful features such as NEF (RAW) processing, resize, distortion control, fisheye, miniature effect, red-eye correction, filter effects and image overlay, as well as the ability to designate the start and end point of movie clips all at once, in order to save them more efficiently.
The wide range of sharp and accurate NIKKOR lenses can handle nearly any professional need:

- Lens: AF-S NIKKOR 14-24mm f/2.8G ED
- Exposure: [M] mode, 1/2 second, f/8
- White balance: Color temperature (5,000 K)
- Sensitivity: ISO 100
- Picture Control: Standard

The Advanced Wireless Lighting System, using three groups of Nikon Speedlights:

- Lens: AF-S NIKKOR 24mm f/1.4G ED
- Exposure: [M] mode, 1/2 second, f/8
- White balance: Auto 1
- Sensitivity: ISO 800
- Picture Control: Portrait

To best draw out the full potential that a 36.3 megapixel camera can offer, lens quality is of vital importance. Even subtle differences in optical performance make a difference when utilizing such a large pixel count. NIKKOR empowers photographers and cinematographers in every field, allowing them to better see the essence of their vision and render it as sharp as possible without sacrificing delicate tones or nuance. From f/1.4 primes to fast f/2.8 zooms to f/4 zooms with VR, the latest line of NIKKOR lenses — many loaded with the renowned Nano Crystal Coat — is fully optimized to deliver the image quality the Nikon D800 truly deserves. Moreover, DX lenses can also be used for the D800: simply attach one and the camera automatically recognizes it and sets the required crop.

Fast, versatile and portable, with Nikon Speedlights in your hands, your lighting possibilities are endless. The difference is a level of accuracy and flexibility that only the Nikon Creative Lighting System delivers. Its advantages are best experienced via Advanced Wireless Lighting. Using high-precision i-TTL flash control with strategic, intuitive operations, you can make lighting as powerful and comprehensive as your imagination can take it. Whether you shoot in the studio or in far-flung locations, there is a Nikon Speedlight solution to inspire your creativity.

Unparalleled lighting performance — SB-910 Speedlight

Nikon’s SB-910 offers versatile i-TTL for on-camera or wireless flash control, a refined operability and a powerful guide number of 111.5/34 (ISO 100, ft/m, STD, FX format with zoom head set at 35mm). The SB-910’s menus and controls have been improved for more operational ease. When a hard-type incandescent or fluorescent color filter is attached, the SB-910 detects it and adjusts white balance instantly.
Capture NX 2 (optional): Optimal for processing images taken with the D800
To accommodate the imaging power of the D800’s 36.3 effective megapixels, the latest Capture NX 2 now features powerful 64-bit processing. Capture NX 2 drastically simplifies an array of image enhancement procedures, letting you concentrate on making your pictures the best they can be. Instead of complicated layering and memorization, simply place a Color Control Point wherever you want to reprocess. Color Control Points use intuitive slider controls to make quick and easy adjustments to image characteristics such as brightness, contrast, saturation and tones. Change, adjust and experiment all you like, safe in the knowledge that all changes are non-destructive and an original always remains intact.

ViewNX 2: Browse, edit, share and more
This bundled, all-in-one software implements an easy-to-use interface for all your photos and movies. Take advantage of an array of editing functions, including basic editing of RAW files and even D-Movies. ViewNX 2 also works effortlessly with Nikon’s photo-sharing and storage service, my Pictuertown, with labels to help you find that special photo quickly and easily.

Camera Control Pro 2 (optional): Extremely versatile remote camera controls
For those that want to operate their camera via computer, Camera Control Pro 2 lets you control camera settings and various features from a distance. Aside from controlling exposure mode, shutter speed, and aperture, the software now offers numerous improvements to make the D800’s live view operation exceptionally smooth. Creative control opportunities include remote start and stop for movie shooting and switching between live view for stills and movies. You can also adjust the monitor hue of live view photography and the resulting image’s white balance individually, which can be quite helpful when working in the studio. You can also display audio level indicators during movie shooting. And with the optional Wireless Transmitter WT-4A/BiC/E, image files can be transferred using either WiFi or an Ethernet connection.

D800E The ultimate attention to detail
Nikon engineers have developed a unique alternative for those seeking the ultimate in definition. The D800E incorporates an optical filter with all the anti-aliasing properties removed in order to facilitate the sharpest images possible. This is an ideal tool for photographers who can control light, distance and their subjects to the degree where they can mitigate the occurrence of moiré. Aside from the optical filter, all functions and features are the same as on the D800.

*Subject to limited availability.
Note: The D800E carries an increased possibility that mages and false color will appear, compared to the D800. Print-out and reflective coating properties of the optical filter remain the same with both versions.

For further details, please visit Nikon’s website.