



**Nikon**

*At the heart of the image*

# TOTAL DIGITAL IMAGING SYSTEM



75<sup>th</sup> Anniversary  
NIKKOR

60<sup>th</sup> Anniversary  
Nikon Cameras



# We've Got You Covered

## Make Your Photography Matter with the Nikon Total Digital Imaging System

So you have a digital SLR and an idea — a GREAT idea — for a photograph. Do you have all you need to make that idea happen? A quick look through these pages and you'll know. Here you'll find all the accessories available for the Nikon

D-SLR lineup: everything you need to realize your present ideas, and inspire new ones. Whether you are a seasoned professional or a passionate weekend shooter, we're sure you'll find something in this brochure that can help you craft better images. Every item found within is designed specifically for Nikon cameras, giving you seamless performance that truly brings out the best in you and your Nikon D-SLR. Got an idea? Make it happen. Here's where you start.

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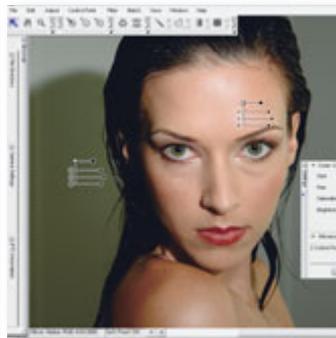
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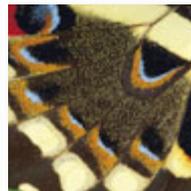


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# See what one Nikon Speedlight can do



© Gordon Nash

## Gordon Nash — Wedding photographer (U.S.A.)

I shoot about 50 weddings a month, and nearly half of my images need a Nikon Speedlight. I always have one on my camera, with another ready for side-lighting or other handheld effects. Each Speedlight makes a dramatic difference to the finished image. For the above image, I used one SB-800 for side-lighting and a soft-focus filter on the lens for a dreamy look.

As a professional wedding photographer, I face moving subjects, unpredictable shooting situations and limited prep time, so speed and intuition are vital to my success. That's why I depend on the Nikon



Creative Lighting System. It's easy to use and offers so many options, along with consistent exposure and performance. I have to be ready for that special moment at all times. The Creative Lighting System helps me do that.

<http://www.gordonnash.com>



**Camera setting data:**  
Camera and Speedlights: D200 (built-in Speedlight as commander) and

SB-800 (remote unit)  
Lens: AF 85mm f/1.8D  
Shutter speed: 1/125 sec.  
Aperture: f/2.2  
Exposure mode: Aperture-Priority Auto  
Flash mode: i-TTL  
Image quality: RAW

## Easy, intelligent, amazing: The Nikon Creative Lighting System

Lighting is a vital component of all images, but the past complexities of flash photography have made many photographers — even seasoned ones — hesitant to explore its full potential. Not any more. Working photographers around the world are discovering how Nikon's Creative Lighting System brings simplicity and real-world usability to flash photography. The key is Nikon's breakthrough i-TTL flash control technology. With this at its core, Nikon Speedlights offer consistently accurate flash exposures that can adjust to nearly any lighting situations you face. Nikon Speedlights communicate with your Nikon D-SLR to perform all the complex lighting calculations for you. Nikon's exclusive monitor pre-flash offers precise feedback information, registering everything from available light and shadows to color temperature and reflective surfaces within the scene. The camera also integrates information from its built-in database of over 30,000 actual scenes to determine the ideal exposure — all within a millisecond before each shutter release. Whether on top of the camera or used as a wireless remote unit, Nikon's Creative Lighting System offers the most dependable and consistent flash exposure in the business.

## Bright lights, big ideas – with only one Nikon Speedlight, you can:



SB-800 attached

© Joe McNally

### Go the distance: more flash power

The Speedlights built into Nikon D-SLRs are smart and responsive, but sometimes your subject is far enough away that you simply need more flash power. Connect a Nikon external Speedlight and you can capture subjects at a much greater distance with more balanced illumination.



Built-in Speedlight



Bounce flash

© Gordon Nash

### Soften the light: bounce flash

Direct light can be harsh and leave a distracting shadow behind your subject. Try turning the flash head toward a wall or ceiling and you'll soften the light and get rid of the shadow, creating a more flattering atmosphere for portraits.



Direct flash



Auto FP High-Speed Sync stops the action  
Shutter speed: 1/3200 sec.

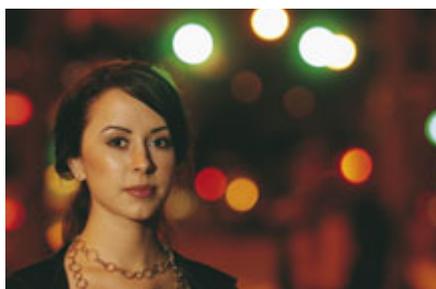
© Joe McNally

### Capture the action: Auto FP High-Speed Sync

Indispensable to outdoor photography, this enables action-stopping shutter speeds with fill flash. It is also important to portraiture, allowing you to use larger apertures for a more pleasingly radiant ambient light. Your camera will automatically set itself to this mode if the shutter speed rises above the camera's standard flash sync speed of 1/250 second.



Normal sync



Main subject's exposure stays the same  
regardless of any compositional changes.

© Joe McNally

### Maintain the exposure: Flash Value (FV) Lock

The FV Lock (Flash Value Lock) maintains the same flash value for correct exposure during a sequence of photographs, allowing you to zoom in on your subject, change the composition or adjust the aperture, all without altering your intended exposure. That way you can concentrate on capturing your subject without worrying about adjusting the lighting.



Original exposure

### Nikon's exclusive i-TTL: a higher level of accuracy

The real breakthrough is Nikon's monitor pre-flash. It is designed to provide your Nikon D-SLR with consistently accurate feedback information in order to achieve ideal flash output. This level of accuracy is found nowhere else.



i-TTL Balanced Fill-Flash

### Speedlight tips: Diffuser

Use a diffuser above the flash to soften the light and eliminate harsh shadows. This is useful in almost any flash situation, including fill flash, for natural looking skin.



# Make lighting work for you with wireless

## Joe McNally — Photojournalist (U.S.A.)

There have been many difficult lighting situations in my career where the Nikon Creative Lighting System literally amazed me by sorting out a proper exposure. The System offers incredibly high accuracy in most shooting scenarios. Milliseconds before each shot, the camera meter and Speedlight speak to each other, relaying and calculating massive amounts of lighting information — exposure variance, RGB, reflectance, distance and contrast, to name a few — all of which are constantly shifting and changing. I've always said that no camera system will ever solve every problem, but Nikon cameras and the Creative Lighting System do a phenomenal job of sorting through the data to give you accurate exposures. This is a major reason to use Nikon.

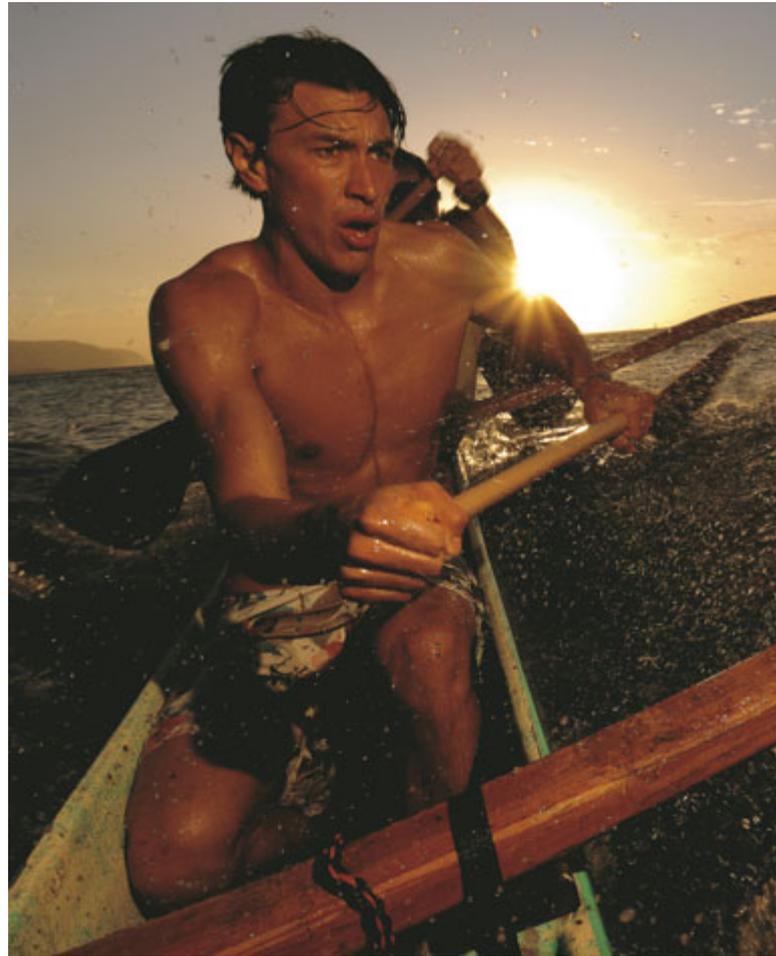


<http://www.joemcnally.com>



**Camera setting data:**  
Camera and Speedlight:  
D2X and three SB-800s  
(one on-camera master/commander and two

remote units)  
Lens: AF-S DX 12-24mm f/4G IF-ED  
Shutter speed: 1/160 sec.  
Aperture: f/14  
Exposure mode: Aperture-Priority Auto  
Flash mode: i-TTL  
Image quality: RAW



## Turn good shots into great shots with Advanced Wireless Lighting

You can accomplish a lot with just one Speedlight, but sometimes an image would benefit from more artistic illumination. Adding more Speedlights not only adds depth to the scene but also character and charm to your subject. One of the greatest benefits that is singular to Nikon's Advanced Wireless Lighting is that controlling dozens of Speedlights is just as easy as controlling your on-camera Speedlight. And because it's wireless, setting up your Speedlights can be done quickly and smoothly no matter where you're shooting. From the Master Speedlight located on top of your camera, you can control the flash output of three groups of wireless remote units, adding any number of Speedlights to each of these groups.

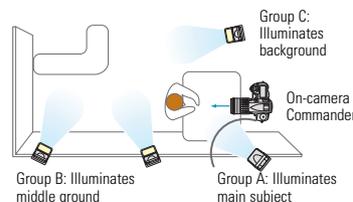


Add Group B to emphasize the middle ground and Group C for the background

Simply set everything to Nikon's exclusive i-TTL for consistently accurate exposures in even the most difficult lighting situations. It's just as easy to explore alternate exposures by adjusting the flash exposure compensation of individual Speedlight groups. Or if you like, turn off a Speedlight group, or set everything to manual — all via the LCD panel on the Master Speedlight, all possible without ever leaving your camera. Multiple Speedlight control has never been this intuitive and fluid. No other lighting system comes close.



Group A illuminates the main subject from the side



You can control up to 4 groups of Speedlights, including the Master and 3 remote i-TTL Speedlight groups, to achieve complete control of your lighting environment. All groups can be controlled from the Master, and there is no limit to how many you can use.



Control it all from here. Set the flash mode, turn Speedlight groups on or off and control the flash exposure compensation for up to 4 Speedlight groups from the Master Controller SB-800's LCD panel.

# multiple Speedlights



**Speedlight tips: colored gels**

Selecting the right colored gel filter is important, especially when you want the flash to appear natural alongside ambient light. For the outrigger canoe photograph (shown left), an amber gel filter (shown left), an amber gel filter added extra warmth to the main subject while blending seamlessly with the sunlight and overall color of the image.



*SB-600 Speedlights can serve as remote units in wireless lighting, while SB-900/800 Speedlights can serve as Master, Commander or separate remote units.*

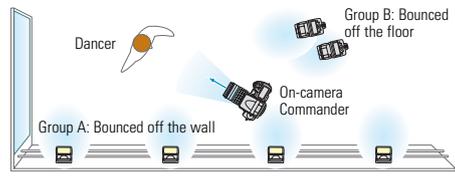
© Joe McNally All images aside from product shots by Joe McNally

**Timing is crucial for location shooters. Here's how one photographer captured an aspiring dancer in 24 hours, and how the Nikon Creative Lighting System provided the speed and flexibility he needed.**



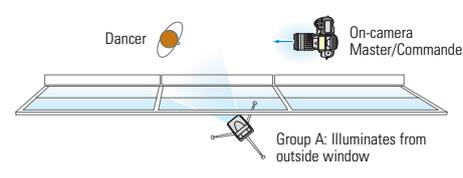
**Bounce flash**

The illuminated space needed to be large enough for the dancer to move freely. Four SB-800 units were attached to the ballet bar to bounce light off the wall. Two more SB-800 units bounced light off the floor. By bouncing light off the cream-colored wall and the wooden floor, the lighting achieved natural warmth.



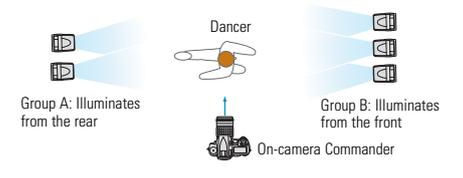
**Seamless flash with mixed ambient lighting**

This shop had mixed light sources: fluorescent light along with sunlight from the window. To give the scene a natural look, a diffuser is attached to an SB-800 and tilted toward the ceiling, with an additional wireless remote SB-800 illuminating the dancer from outside the window.



**Directional light for a dramatic exposure**

Shooting at sunset can offer beautiful ambient light, but in a narrow window of time. For a dramatic effect, two sets of SB-800 remote units illuminate the dancer from the front and the rear. After a few angle adjustments, there was a large enough volume of light to emphasize the dancer's shape appropriately.



# Dramatic close-up lighting made easy



© Foto Natura team

## Explore fine details with flexible, wireless control

Detail can be crucial to the impact of an image. That's why Nikon offers the ultimate tools for creative and versatile close-up lighting. Designed to work seamlessly with Nikon's i-TTL Wireless Creative Lighting System, both the R1C1 and R1 bring an amazing level of simplicity and automation to the lighting process.

Close-up lighting has countless uses for nearly every kind of subject matter. Hobbyists enjoy capturing ornamental patterns found on coins, flowers and other small objects, while people photographers take advantage of the shallow depth-of-field for intimate portraits. And with no wires to get in the way, you can handhold the Speedlights to make quick adjustments or to follow moving subjects, such as insects. From medical applications to food photography, the R1C1 and R1 will make you see things differently. Both the R1C1 and R1 contain a comprehensive assortment of accessories, including the SW-11 Extreme Close-up Positioning Adapter, the SJ-R200 Color Filter Set, the SW-12 Set Diffuser, the SW-C1 Flexible Arm Clip and a set of five adapter rings to ensure the SX-1 Attachment Ring can be mounted on virtually any NIKKOR lens designed for close-range photography. Whichever set is right for you, both make mastering close-up flash photography simple, fascinating and fun.

### SU-800 Wireless Speedlight Commander

Simple operation lets you easily command wireless remote Speedlight operation.

### SX-1 Attachment Ring

Allows easy attachment and detachment of SB-R200 Speedlights to the lens.

### SB-R200 Wireless Remote Speedlight

Flexible, dependable flash control. Can be handheld, clamped on a stand or attached to the lens using the SX-1. The lighting angle can be adjusted by tilting the flash head.

### R1C1

R1C1 comes equipped with the SU-800, two SB-R200 Speedlights, and more.

## Nikon Wireless Close-up Speedlight System

### R1

R1 comes equipped with two SB-R200 Speedlights, and more.



## Wil Meinderts, Jan Vermeer and Danny Ellinger — Nature photographers at Foto Natura team (The Netherlands)

Nikon's Wireless Close-up Speedlight System is flexible, consistent and amazingly easy to operate. You can expect superb performance straight out of the box, with their small diffusers providing beautifully soft light. Whether attached to the camera or handheld, the two SB-R200 units included are capable of a wide range of lighting situations, but add an SB-800 or additional SB-R200 units, and you seamlessly control nearly every aspect of lighting – even in poorly lit locations. The 105 mm VR Macro lens is ideal for this type of shooting, especially when insects are your subjects, but for any serious macro photographer, the R1C1 is a must-have tool.

<http://www.fotonatura.com>



**Camera setting data:**  
**Camera and Speedlight:**  
 D200 and R1C1  
**Lens:** AF-S VR Micro  
 105mm f/2.8G IF-ED

**Shutter speed:** 1/125 sec.  
**Aperture:** f/13  
**Exposure mode:** Aperture-Priority Auto  
**Flash mode:** i-TTL  
**Image quality:** RAW

### Speedlight tips: close-up lighting

The SX-1 and SB-R200 Speedlights offer exciting creative possibilities for multiple lighting.

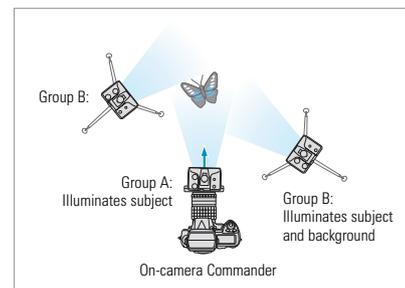
The SU-800 can also be bought separately, and features simpler operation and a wider range of options than the SB-800. And because there's no distracting pre-flash with the SU-800, some photographers prefer it when shooting people and animals.



© Foto Natura team

### Brighten your subject for natural beauty

Some subjects don't pose willingly. Here a butterfly momentarily lands on a vivid orange flower. The day was overcast, so three SB-R200 Speedlights were used: one is attached to the camera and pointed directly at the butterfly. Two off-camera units have been angled for side-lighting and background fill, with diffusers softening the light for a more natural look.

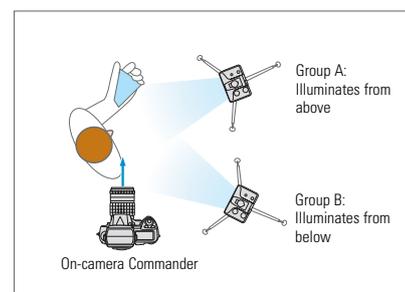


Location: Turtle Bay Resort

© Joe McNally

### Close-up lighting: Step-by-step

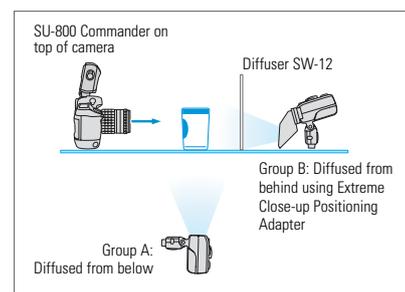
Sometimes small units make a big impact. The model holds a shard of mirror in front of her face, which is illuminated by two handheld SB-R200 remote units: one from above and one from below. After a little trial and error, the ideal angle and Speedlight positioning was determined. The result: a shot full of mystery and drama.



© Noriyuki Yuasa

### Reveal depth and space from ordinary objects

To create a sense of fantasy from simple ornamental glass, one SB-R200 was placed underneath, emphasizing the thinly carved rabbit relief. To draw out the blue, a second SB-R200 was placed behind the glass and angled downwards, with the extreme close-up positioning adapter SW-11 and diffuser SW-12 helping to create the illusion of a dual-tone blue background. The result: a dreamlike image of a rabbit running across the field at night.



# Which Speedlight is right for you?

Ultimate flash performance: Nikon Creative Lighting System compatible Speedlights



## SB-900

**Sophisticated, Powerful, Versatile**

Serves as Master, Commander or Remote Unit in Advanced Wireless Lighting

[for D3, D700, D300, D90, D80, D60, D40]



## SB-800

**Powerful, Intelligent, Complete**

Serves as Master, Commander or Remote Unit in Advanced Wireless Lighting

[for D3, D700, D300, D90, D80, D60, D40]



## SB-600

**Practical, Intelligent, Indispensable**

Serves as Remote Unit in Advanced Wireless Lighting

[for D3, D700, D300, D90, D80, D60, D40]



## SB-400

**Compact, Intelligent, Versatile**

i-TTL and Bounce Flash Capability

[for D3, D700, D300, D90, D80, D60, D40]

### Speedlight/Features Compatibility

	SB-900	SB-800	SB-600	SB-400	SB-R200
i-TTL Balanced Fill-Flash	●	●	●	●	●*
Advanced Wireless Lighting	●	●	●		●*
AUTO FP High-Speed Sync	●	●	●		●*
Flash Value Lock	●	●	●	●	●*
Multi-Area AF-Assist Illuminator	●	●			
Flash Color Information Communication	●	●	●	●	
Switching Illumination Patterns	●				
Image Area Selection	●				
Firmware Update capability	●				

\* Activated by the commander function of SB-900, SB-800, SU-800, D700, D300, D90 and D80.

### Specifications

	SB-900	SB-800	SB-600	SB-400
<b>Guide number (ISO 100/200, m)</b>	34/48 (with zoom head set at 35mm)	38/53 (with zoom head set at 35mm)	30/42 (with zoom head set at 35mm)	21/30
<b>Light distribution angle/illumination pattern</b>	Auto power zoom 17-200mm; FX/DX format auto detection; 3 illumination patterns (standard, even, center-weighted)	Auto power zoom 24-105mm; 17/14mm with built-in wide-flash adapter; 14mm with soft dome	Auto power zoom 24-85mm; 14mm with built-in wide-flash adapter	18mm
<b>Flash mode</b>	i-TTL, D-TTL, Auto Aperture, Non-TTL Auto, Manual, Distance-Priority Manual, Repeating Flash	i-TTL, D-TTL, Auto Aperture, Non-TTL Auto, Manual, Distance-Priority Manual, Repeating Flash	i-TTL, D-TTL, Manual	i-TTL, Manual (with D300, D60 and D40 only)
<b>Minimum recycling time (Manual at full)</b>	Approx. 2.3 seconds with Ni-MH batteries	Approx. 2.5 seconds with the SD-800	Approx. 2.5 seconds with Nickel/Ni-MH batteries	Approx. 2.5 seconds with Ni-MH batteries
<b>Number of flashes (Manual at full)</b>	Approx. 110 (with alkaline batteries)	Approx. 130 (with alkaline batteries)	Approx. 200 (with alkaline batteries)	Approx. 140 (with alkaline batteries)
<b>AF-Assist Illuminator</b>	Provided	Provided	Provided	—
<b>Power source</b>	Four AA-size batteries; SD-9	Four AA-size batteries; SD-8A, SK-6A/G	Four AA-size batteries	Four AA-size batteries
<b>Dimensions (W x H x D)</b>	Approx. 78.0 x 146.0 x 118.5mm	Approx. 70.5 x 129.5 x 93.0mm	Approx. 68.0 x 123.5 x 90.0mm	Approx. 66.0 x 56.5 x 80.0mm
<b>Weight (without batteries)</b>	Approx. 415g	Approx. 350g	Approx. 300g	Approx. 127g

## Close-up Speedlight Commander Kit R1C1 (SU-800, two SB-R200s and all the accessories)

## Close-up Speedlight Remote Kit R1 (Two SB-R200s and all the accessories)



### SB-R200 Wireless Remote Speedlight

Also available as a separate unit

[for D3, D700, D300, D90, D80, D60, D40]

Two SB-R200 units are included with both the R1C1 and the R1. Each unit features a guide number of 10 (ISO 100, m) or 14 (ISO 200, m). When attached to a lens via the SX-1, the flash head can be tilted up to 60 degrees toward the optical axis of the lens or up to 45 degrees away from the lens.

#### Attachment Ring SX-1

Can hold SB-R200 Speedlights.

#### Extreme Close-up Positioning Adapter SW-11

For centering the light from the SB-R200 flash to an optical axis, which is especially effective in close-up shooting. Recommended for shooting distances within 15cm (lens to subject).



#### Diffuser SW-12

This milky-white panel diffuses light from a flash and softens shadows.

#### Flexible Arm Clip SW-C1

Allows attachment of items such as a diffuser. Can be attached to the guide groove of the Attachment Ring SX-1.



### SU-800 Wireless Speedlight Commander

Also available as a separate unit

[for D3, D700, D300, D90, D80, D60, D40]

Included only with the R1C1, the SU-800 features a commander function that can trigger the SB-R200, SB-600, SB-800 and SB-900 wireless remote flash units. AF-Assist Illuminator, Target Light button and Test button are provided.



#### Speedlight Stand AS-20

For the stable placement of the SB-R200. A tripod socket is also provided.



#### Adapter Rings

Enable placing of Attachment Ring SX-1 on the front of the lens. Five filter attachment sizes (52mm, 62mm, 67mm, 72mm, 77mm) are available.



#### IR Panel for Built-in Flash SG-3IR

Attached to the camera's accessory shoe when the built-in Speedlight of a camera is used as a commander.



#### Color Filter Holder SZ-1

Enables filters to be attached to the SB-R200.



#### Color Filter Set SJ-R200

Change the mood of your close-up photography with four filters: Blue, Red, FL-G1 for fluorescent light and TN-A1 for incandescent light.



#### Case

- Soft Case for SU-800
- Soft Case for SB-R200
- Soft Case for SX-1
- Close-up Speedlight Kit Case

### Advanced Wireless Lighting System Compatibility

Cameras	Function	SB-900	SB-800	SB-600	SU-800	SB-R200	Built-in Speedlight	Close-up Speedlight Kit
D3	Master unit	●	●				–	R1C1
	Remote unit	●	●	●		●	–	R1+SB-900/800
	Commander	●	●		●		–	
D700 D300 D90 D80	Master unit	●	●				●	R1C1
	Remote unit	●	●	●		●		R1
	Commander	●	●		●		●	

Cameras	Function	SB-900	SB-800	SB-600	SU-800	SB-R200	Built-in Speedlight	Close-up Speedlight Kit
D60 D40	Master unit	●	●					R1C1
	Remote unit	●	●	●		●		R1+SB-900/800
	Commander	●	●		●			

### Wireless Speedlight Commander SU-800 Specifications

#### Transmission mode

Infrared-pulse emitting communication using a flash discharge tube

#### Transmission range

Approx. 20m for the SB-900/SB-800/SB-600, and approx. 4m for the SB-R200 at normal setting

#### Number of channels

4

#### Number of groups

3

#### Number of transmissions

Approx. 1,200

#### Transmission interval

Approx. 1 second

#### Flash light wavelengths

Approx. 800 to 1,000nm (infrared ray)

#### Flash coverage

Approx. 60° (vertical), approx. 78° (horizontal)

#### Display

LCD, ready-light

#### AF-Assist Illuminator

Automatically turns on when performing auto focus in dim light or in the dark

#### Power source

One 3V CR123A lithium battery

#### Dimensions (W x H x D)

Approx. 68 x 96 x 58mm

#### Weight (without battery)

Approx. 160g

### Wireless Remote Speedlight SB-R200 Specifications

#### Electronic construction

Automatic Insulated Gate Bipolar Transistor (IGBT) and series circuitry (for wireless remote flash unit only)

#### Guide number

10 (ISO 100, m), 14 (ISO 200, m)

#### Angle of coverage

24mm

#### Flash mode

i-TTL; D-TTL; M (Manual): full ~ 1/64 output (close-up), full ~ 1/128 output (commander)

#### Recycling time

Approx. 6.0 seconds (Manual at full)

#### Number of flashes

Approx. 290 (Manual at full)

#### Flash head tilt angle

Down to 60°, or up to 45°

#### Mounting foot

Dedicated shoe for Attachment Ring SX-1 or Speedlight Stand AS-20

#### Target light

White LED

#### Display

Ready-light

#### Power source

One 3V CR123A lithium battery

#### Dimensions (W x H x D)

Approx. 80 x 75 x 55mm

#### Weight (without battery)

Approx. 120g

# Flash Accessories

Expand the possibilities of your flash photography



For press photography as well as photographers more comfortable with wired flash synchronization, Nikon offers additional flash accessories. They are also indispensable for Nikon D-SLRs that lack a built-in wireless commander (such as D60, D40) for off-camera flash operation.



**Sync Terminal Adapter AS-15**

for D90, D80, D60, D40

The AS-15 is compatible with the cameras which feature standard ISO-type accessory shoe but lack a sync terminal for large studio strobes.



SC-28



SC-29

**TTL Remote Cord SC-28/SC-29 (1.5m)**

for D3, D700, D300, D90, D80, D60, D40

The TTL Remote Cord SC-28/SC-29 makes off-camera TTL flash control easy and assured. With the Nikon digital SLRs, the SC-29 also works as an external AF-assist illuminator.



**High-Performance Battery Pack SD-9 (for SB-900)**

for D3, D700, D300, D90, D80, D60, D40

The SD-9 is an external power source for the Nikon Speedlight SB-900. It can hold up to two sets of four AA-size batteries, ensuring a stable power supply for the SB-900, greatly increasing the number of flashes, and reducing recycling time.



**Power Bracket Unit SK-6A\* (for SB-800)**

for D3, D700, D300, D90, D80, D60, D40

Not only does the SK-6A enable you to use the camera-mountable SB-800 as a grip-type flash, it also offers you remote-flash capability. Used as an external power source or in combination with the Speedlight's own power source, the SK-6A reduces minimum recycling time by nearly half while doubling the total number of flashes available.

\* The SK-6 may be substituted for the SK-6A in some countries.



**High-Performance Battery Pack SD-8A (for SB-800)**

for D3, D700, D300, D90, D80, D60, D40

The SD-8A is designed for use with the SB-800 to shorten flash recycling time and enhance flash capacity. It accepts six 1.5V LR6 (AA-size alkaline), 1.2V KR-AA (R6/AA-size NiCd), 1.5V FR6 (AA-size lithium) or 1.2V R6/AA-size Ni-MH batteries.

## Capture NX 2: Powerful tools for quick and easy photo editing



### Focus your imagination with powerful, easy-to-use tools

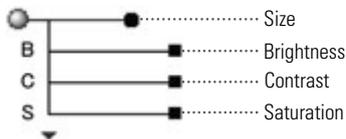
Capture NX 2 easy-to-use software lets you make intuitive photo enhancements which are immediately visible on your monitor. Simply place the Control Point on the area that you want to edit and U Point Technology will analyze color elements such as hue, saturation and brightness, as well as recognize similar areas where an edit would best be applied. This technology powers the entire Capture NX 2 series of Control Points: Color Control Points, the all-new Selection Control Points, White/Black/Neutral Control Points and Red-Eye Control Points. With Capture NX 2, there's no need to deal with selection tools, layers or lengthy training.



### Color Control Points make image editing easy

Enhancements for hue, brightness and saturation are as easy as placing a Color Control Point on your image, then adjusting the length of the sliders. For example, Color Control Points are remarkably convenient for changing the color of a blue sky without affecting the colors of foliage in the same picture.

#### Color Control Points



In addition to the sliders indicated above, there are sliders for Hue, Red, Green, Blue, and Warmth. You can choose to display BCS (Default), HSB, RGB or All mode and adjust images to suit your purposes.



[Before]



[After]

Four Color Control Points were used to adjust color and brightness of various elements independently within the frame.



[Before]



[After]

Two Color Control Points were used to enhance color and brightness of flower petals and the background.

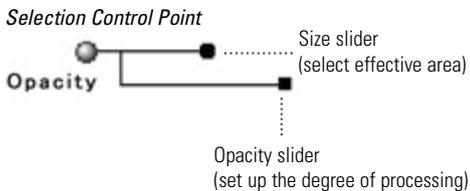


# Your file, your vision

## Capture NX 2: Powerful tools for quick and easy photo editing

### ■ Selection Control Points expand editing possibilities of U Point™ Technology

This new function enables you to apply enhancements such as Unsharp Mask or D-Lighting to a specific area with just a click of the mouse. There is no need for precision selection or masks — the Selection Control Point recognizes the areas you want to modify. The enhancement effect can easily be adjusted, allowing you to apply your chosen effect as you would with intuitive masking to either the designated area or to the entire image except for that area. The Selection Control Point can be used with virtually any image enhancement tool, including D-Lighting, Brightness, Color, Focus, Correction, and Noise Reduction. You can apply Unsharp Mask, for example, to only the area you want to edit.



Tone Curve adjusts the brightness and contrast, and Selection Control Point applies the effect only to the man and his surroundings.



D-Lighting brightens the shadowy areas, and Selection Control Point applies the effect only to the bright subjects and their surroundings seen through the opening between foliage and water.

### ■ Useful advanced functions support photographers' workflow

#### Auto Retouch Brush

To simply achieve more natural-looking results, Auto Retouch Brush lets you remove specks of dust photographed on an image using a mouse click and stroke to match the surrounding color and tones. This can also be used to remove facial blemishes, imperfections on flowers, or other unwanted objects within the frame.



#### Shadow/Highlight Adjustments

Using the slider at [Quick Fix], you can adjust shadowy areas by [Shadow Adjust] and highlighted areas by [Highlight Adjust]\*. You can also make such adjustments numerically by directly typing a value from 0 to 100 into the textbox.

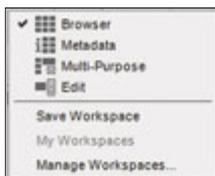
\* [Highlight Adjust] supports RAW images, JPEG and TIFF, but is most effective for RAW images because they store additional highlight information.



## ■ New functions that improve work efficiency

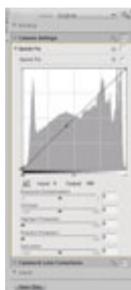
### Workspaces

Four workspaces are provided — Browser, Metadata, Multi-Purpose and Edit — and your window composition can be easily switched among them. Workspaces can be saved with a palette layout, then reopened later. Various customizable shortcuts are also available.



### Quick Fix

This is a combination of frequently used tools including [Level and Tone Curve], [Exposure Compensation], [Contrast], [Highlight Protection], [Shadow Protection] and [Saturation] in a single window. To work at high efficiency, use [Quick Fix] to process multiple tasks and use image processing steps of each function to adjust details.

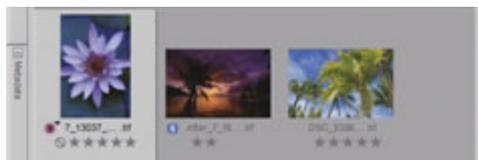


### Simultaneous Opening of Multiple Settings

You can open multiple image processing settings at the same time and make parallel process adjustments of multiple details.

### Label/Rating

Supports nine kinds of labeling and five levels of ratings according to XMP, a metadata industry standard. Compatible with ViewNX, Adobe Bridge, and Windows Vista. Capable of filter sorting by label and rating.



### A variety of functions to achieve your desired photographic expression

Selection Tools, Batch Processing, 16-bit Image Compatible, Vignette Control\*, Auto Color Aberration Control\*, Distortion Control Function\*, Noise Reduction, Active D-Lighting (NEF only), D-Lighting, LCH Editor, Image Dust Off (NEF only), Fisheye Image Transformer, Color Booster Function, Color Management, Highlight/Shadow Display, Picture Control Compatibility (NEF only)

*\*Can be applied to images captured by Nikon SLR cameras with a D/G type lens.*

## Capture NX 2 System Requirements

Windows	
<b>OS</b>	Pre-installed versions of 32-bit Windows Vista Home Basic/Home Premium/Business/Enterprise/Ultimate (Service Pack 1) editions or Windows XP Home or Professional (Service Pack 2) editions
<b>Processor</b>	Pentium 4 or better
<b>RAM (Memory)</b>	768 MB minimum (1 GB recommended)
<b>Hard-disk space</b>	200 MB required for installation
<b>Monitor resolution</b>	1,024 x 768 pixels or higher (1,280 x 1,024 pixels or higher recommended) with 16-bit color or more (32-bit color recommended)
<b>Others</b>	<ul style="list-style-type: none"> <li>• CD-ROM drive required for installation</li> <li>• Internet connection required to utilize Nikon Message Center</li> <li>• Environment for recognizing operation-guaranteed memory cards required to import/export Custom Picture Controls</li> </ul>

Macintosh	
<b>OS</b>	Macintosh OS X (version 10.4.11, 10.5.2)
<b>Processor</b>	PowerPC G4, PowerPC G5, Intel Core Duo, Intel Core 2 Duo, Intel Xeon, or better
<b>RAM (Memory)</b>	768 MB minimum (1 GB recommended)
<b>Hard-disk space</b>	200 MB required for installation
<b>Monitor resolution</b>	1,024 x 768 pixels or higher (1,280 x 1,024 pixels or higher recommended) with 64,000 colors or more (16.7 million colors or more recommended)
<b>Others</b>	<ul style="list-style-type: none"> <li>• CD-ROM drive required for installation</li> <li>• Internet connection required to use Nikon Message Center</li> <li>• Environment for recognizing operation-guaranteed memory cards required to import/export Custom Picture Controls</li> </ul>

*For details on system requirements and compatible functions, see the instruction manual.*

## More useful software

### Camera Control Pro 2

#### Remote control for your Nikon D-SLR

Control your Nikon digital SLRs from a distance with Camera Control Pro 2. This software can operate most D-SLR functions from a computer using a wireless transmitter that is connected via USB cable or through wired or wireless LAN. Camera Control Pro 2 is more than just direct image transfer. It also helps make the entire process – from shooting images to saving them – streamlined and manageable. Camera Control Pro 2 works well alongside Nikon's browser and other software, such as Capture NX 2. It's also compatible with new features found on the Nikon D3, D700 and D300, such as Live View, the Picture Control System and the Viewer for preview and selection of images prior to transfer to a computer.

### Image Authentication Software (Windows only)

#### Protect the integrity of your valuable data (for D3, D700, D300)

Some photographers need to confirm that their image data has not been altered since capture. Nikon's Image Authentication Software does exactly that, verifying all the image data and information attached while protecting against any unwanted changes. Both a product key and a USB key are required, so you can be sure that the integrity of your images will remain intact. The software enables verification of JPEG, TIFF and NEF (RAW) data taken using a Nikon digital SLR compatible with the authentication function.





# Power when you need it

## Battery packs and power management



**Multi-Power  
Battery Pack MB-D10**

for D700, D300

Runs on one EN-EL4a (Battery Chamber Cover BL-3 required) or EN-EL3e, or eight AA-size alkaline/lithium/Ni-MH/nickel-manganese batteries. Features two command dials, shutter release button and AF start button for vertical shooting. Enhanced sealing system helps protect against moisture and dust.



**Multi-Power  
Battery Pack MB-D200**

for D200

Runs on one or two EN-EL3e Rechargeable Li-ion Batteries, or six AA-size alkaline/lithium/Ni-MH/nickel-manganese batteries. Features two command dials, shutter release button and AF start button for vertical shooting.



**Multi-Power  
Battery Pack MB-D80**

for D90, D80

Provides extra command dials, shutter release button and AE-L/AF-L button for vertical shooting. Runs on one or two EN-EL3e rechargeable Li-ion batteries, or six AA-size batteries.



**Rechargeable Li-ion  
Battery EN-EL4a**

for D3, D700

These rechargeable batteries provide extended life and consistent power, even in cold conditions. Used together with your Nikon D-SLR, the camera's fuel gauge accurately displays the remaining charge, number of shots since last charge, and current battery life status. The EN-EL4a even gives notice when calibration is necessary.



**Rechargeable Li-ion  
Battery EN-EL3e**

for D700, D300, D90, D80



**Rechargeable Li-ion  
Battery EN-EL9**

for D60, D40



**Quick Charger  
MH-22**

for D3, D700

Enables charging of Rechargeable Li-ion Battery EN-EL4a.



**Quick Charger  
MH-21**

for D3, D700



**Quick Charger  
MH-18a**

for D700, D300, D90, D80

Enables charging of Rechargeable Li-ion Battery EN-EL3e.



**Quick Charger  
MH-23**

for D60, D40

Enables charging of Rechargeable Li-ion Battery EN-EL9.



# Communication technology for any location

## GPS accessories/Wireless transmitters



**GPS Cable  
MC-35**

for D3, D700, D300

Enables the Nikon D3/D300/D200 digital SLRs to be connected to NMEA-0183 protocol-compatible GPS (Global Positioning System) units such as GARMIN™ and MAGELLAN™ for recording GPS positioning information and time signals synchronous to UTC (Universal Coordinated Time) within image data files during shooting.



**GPS Unit  
GP-1**

for D3, D700, D300, D90

With the GP-1 connected to a camera that supports GPS, location information such as latitude, longitude, altitude and UTC (Coordinated Universal Time) are automatically recorded to each image's EXIF data. The unit can be mounted on the camera's accessory shoe or the camera strap.



**Wireless Transmitter  
WT-3/3A**

for D200

Wireless Transmitter WT-3/3A enables image data transfer via wireless LAN (Wi-Fi)\*. Simply mount one on the bottom of your camera and connect via USB cable, then any captured data can be transferred at high speed. And since they support various network and security protocols, these transmitters are compatible with a wide range of system environments. Camera Control Pro 2 also enables wireless remote control from a personal computer via PTP/IP. Data transfer through a wired LAN via Ethernet network is also possible.

\* Conforming to the IEEE802.11b/g standard



**Wireless Transmitter  
WT-4/4A**

for D3, D700, D300

The WT-4/4A supports wireless LAN conforming to IEEE 802.11b/g, IEEE 802.11a, and wired LAN conforming to IEEE 802.3u (100BASE-TX) and IEEE 802.3 (10BASE-T). Transmission range when wireless LAN is used is approx. 180m (IEEE 802.11b/g) or 260m (IEEE 802.11a). Thumbnail Select mode permits thumbnail display of images taken with up to five wirelessly connected cameras on a computer display. Images selected by confirming the thumbnail can be downloaded and saved on the computer.

Note: The WT-3/4 is sold in countries where governments approve the use of 13 frequency channels. The WT-43A/A is sold in countries that authorize only the use of 11 frequency channels.





# Steady shots — night or day

## Remote control accessories



**Remote Cord  
MC-36 (0.85m)**

for D3, D700, D300

Enables remote firing of a camera, and setting of Interval Timer and Long Time Exposure. Incorporates illuminated LCD panel.



**Remote Cord  
MC-30 (0.8m)**

for D3, D700, D300

Enables remote firing of a camera with trigger-lock function by keeping the shutter release button depressed — useful for bulb shooting.



**Remote Cord  
MC-22 (1m)**

for D3, D700, D300

Useful for making connections to a shutter-triggering device, such as those activated by an infrared sensor to take pictures of wildlife after dark.



**Extension Cord  
MC-21 (3m)**

for D3, D700, D300

For use with MC-30 or MC-22.



**Connecting Cord  
MC-23 (0.4m)**

for D3, D700, D300

Connects two cameras for simultaneous or synchronized shutter release.



**Modulite Remote Control  
Set ML-3**

for D3, D700, D300

The ML-3 offers remote control of two separate channels via an infrared LED beam to enable automatic camera operation from a distance up to about 8m. Features include auto-triggering and delayed shutter release, as well as single and continuous shooting.



**Adapter Cord  
MC-25 (0.2m)**

for D3, D700, D300

Enables use of two-pin remote accessories: Remote Cord MC-4A, Remote Cord MC-12B, and Terminal Release MR-3.



**Remote Cord  
MC-DC2 (1m)**

for D90

Enables remote firing of the D90.



**Remote Cord  
MC-DC1 (1m)**

for D80

Enables remote firing of the D80.



**Wireless Remote Control  
ML-L3**

for D90, D80, D60, D40

Enables wireless remote shutter release.

## Filters



**Neutral Color  
NC Filters**

These filters serve as lens protectors and do not affect color balance. Multilayer coating improves color rendition. Available in sizes 52/58/62/67/72/77mm.



**Circular Polarizing  
Filters**

These filters allow direct shooting through glass windows and minimize glare from water surfaces, sunlit trees and grass. Compatible with both color and monochrome photography. Available in sizes 52/58/62/67/72/77mm.



**Gelatin Filter Holders  
AF-3, AF-4**

These holders accommodate gelatin or glass filters to a thickness of approx. 2mm. The AF-3 is used with 3-inch square gelatin filters and Nikkor lenses having an attachment size of 52/62/67/72/77mm. The AF-4 is used with 4-inch square gelatin filters and NIKKOR lenses having an attachment size of 52/62/67/72/77/82/95mm.

Nikon also offers two dedicated hood options — the HN-36 for the AF-3 and the HN-37 for the AF-4. Several hoods of the same diameter can be stacked, depending on the focal length of the lens in use.



**Slip-in Circular Polarizing Filters**

Designed for use with telephoto lenses that provide a slip-in filter holder, these filters reduce glare from non-metallic surfaces such as glass and water. Simply turn the rotating ring on the holder to find the most effective position. These filters do not affect autofocus or auto exposure operation. Both the C-PL1L and C-PL3L feature 52mm diameter.

### Slip-in Circular Polarizing Filters—Compatible lenses

	C-PL1L	C-PL3L
AF-S VR 200mm f/2.8G IF-ED	—	✓
AF-S VR 300mm f/2.8G IF-ED	✓	—
AF-S 300mm f/2.8D IF-ED II	✓	—
AF-S 400mm f/2.8D ED VR	✓	—
AF-S 400mm f/2.8D IF-ED II	✓	—
AF-S 500mm f/4G ED VR	✓	—
AF-S 500mm f/4D IF-ED II	✓	—
AF-S 600mm f/4G ED VR	✓	—
AF-S 600mm f/4D IF-ED II	✓	—
AF-S VR 200-400mm f/4G IF-ED	✓	—

✓: Compatible —: Incompatible



# View with clarity and comfort

## Viewing attachments



### Right-Angle Viewing Attachment DR-5/DR-6

for D3, D700, D300, D90, D80, D60, D40

Provides an upright, unreversed image for right-angle viewing. Individual eyesight adjustments are possible. The DR-5/DR-6 allows you to set the reproduction ratio to either 1:1 or 1:2.

The DR-5 is for cameras with a circular eyepiece (D3, D700); the DR-6 is for cameras with a rectangular eyepiece (D300, D90, D80, D60, D40).



### Eyepiece Magnifier DG-2

for D3, D700, D300, D90, D80, D60, D40

The DG-2 provides 2x magnification of the central area of the finder image. Eyesight adjustment provided. Useful for critical focusing in close-up photography. Requires an eyepiece adapter.



### Eyepiece Adapter DK-22 DK-18

for D300, D90, D80, D60, D40 for D3, D700

Enables attachment of Eyepiece Magnifier DG-2 to the camera's eyepiece. DK-22 is for cameras with a rectangular eyepiece. DK-18 is for cameras with a circular eyepiece.



### Magnifying Eyepiece DK-17M

for D3, D700

Attached to the D3, the DK-17M magnifies the finder image approximately 1.2 times. Diopter adjustment range is widened at both the (+) and (-) sides.



### Magnifying Eyepiece DK-21M

for D300, D90, D80

The DK-21M magnifies the finder image by approximately 1.1 times.



### Eyepiece Correction Lenses DK-20C

for D300, D90, D80, D60, D40

An easy-to-use viewing and focusing aid which enables near- and farsighted photographers to view the finder image accurately without having to wear eyeglasses.



### Eyepiece Correction Lenses DK-17C

for D3, D700

Five correction lenses from  $-3$  to  $+2m^{-1}$  for circular-eyepiece cameras.



### Antifog Finder Eyepiece DK-17A

for D3, D700

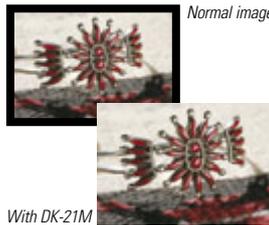
A transparent plastic plate with a special surface coating that reduces fogging.



### Rubber Eyecup DK-19

for D3, D700

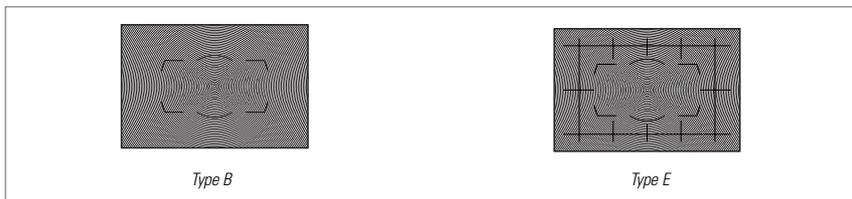
Improves viewing comfort and prevents stray light from entering the viewfinder and washing out contrast.



Normal image

With DK-21M

## Interchangeable Focusing Screens



### Type B

for D3

Offers unobstructed viewing and easy focusing over the entire matte surface. Good for all general photography.

### Type E

for D3

Features grid patterns ideal for copying and architectural photography.

## Reproduction ratio

The reproduction ratio, which indicates the relationship between subject size and the size of the image on an image sensor, is determined by the distance to the subject and by the lens' focal length setting.

### Reproduction ratios using 50mm lens



1/8X



1/4X

Auto Extension Ring: 1/6.5x ~ 1.1x



# Close in on every subject

## Close-up accessories

(For information on the PB-6 and its limitations, see chart below)



**Bellows Focusing Attachment PB-6**

Renders reproduction ratios from about 1:1 to nearly 11x life-size, depending on the lens in use and whether the lens is mounted in normal or reverse position. Focal range of compatible lenses is from 20mm to 200mm. The lens extension covers the range from 48mm to 208mm, for producing frame-filling images of even the tiniest subjects.



**Extension Bellows PB-6E**

Attaches to the PB-6 for an astounding magnification of 23x life-size when using a 20mm wideangle lens in reverse position. With this combination, the continuously variable extension range is from 83mm to 438mm.



**Bellows Spacer PB-6D**

Enables a D2 series camera to move on the PB-6 rail without interference and allows horizontal/vertical changeover anywhere along the rail. Two PB-6Ds are needed when using the PB-6; three are needed when using the PB-6E.



**Slide Copying Adapter PS-6**

Used with the PB-6 and a Nikkor lens to make duplicate slides. Cropping of the original slide is possible.



**Macro Copy Stand PB-6M**

Attaches to the end of the PB-6 to convert it into a miniature copy stand or specimen stage.



**Macro Adapter Ring BR-2A**

Enables reverse-mounting of lenses. The BR-2A also increases the working distance for normal or wideangle lenses. Compatible with lenses having a 52mm-sized front attachment.



**Adapter Ring BR-3**

A handy adapter that converts the bayonet mount of reverse-mounted lenses to the 52mm thread used for filters and hoods.



**Focusing Stage PG-2**

Simplifies close-up focusing when using a tripod-mounted camera.  
(For D90, D80, D60, D40)



**Auto Extension Rings \***

PK-11A\*\*, PK-12 and PK-13 auto extension rings fit between the camera body and lens singly or in combinations. When attached to an AI Nikkor lens, the lens retains automatic diaphragm and meter coupling functions. This gives you freedom to compose, focus and meter at the brightest, fullest aperture position without having to stop down the lens manually before shooting. (Exposure meter does not work with D90, D80, D60, D40.)

\* G-type lenses cannot be used.  
\*\* Cannot be used with AF-S lenses.

### PB-6 Compatibility Chart

Depending on the camera used, certain accessories may be required when using the PB-6. Auto Extension Rings can increase lens extension.

D3/D300	PK-12 or PK-13; two PB-6Ds (depending on camera position)
D300 with MB-D10	PK-13 and two PB-6Ds

the reproduced image is the same size as the subject, the reproduction ratio is one-to-one (1:1 or 1x). If the image is two times larger, the ratio is 2:1 or 2x. Nikon equipment for close-up photography offers a wide range of reproduction ratio capabilities.



1/2X



1X



2X



4X



8X

PB-6 (normal mounting): 1/1.1x ~ 4.0x

PB-6 (reverse mounting): 1.4x ~ 3.9x

PB-6 + PB-6E (reverse mounting): 1.4x ~ 8.4x

# SYSTEM DIAGRAM

## Prepare for the Possibilities

D3



D700



**SPEEDLIGHTS (pp4-12)**

	Speedlight SB-900		Speedlight SB-800		Speedlight SB-600		Speedlight SB-400
		Close-up Speedlight Commander Kit R1C1				Close-up Speedlight Remote Kit R1 (SB-800 required)	
		High-performance Battery Pack SD-9 (for SB-900)				Power Bracket Unit SK-6A (for SB-800)	
		High-performance Battery Pack SD-8A (for SB-800)				TTL Remote Cord SC-28/SC-29 (1.5m)	

**VIEWING**

- Eyepiece DK-17
- Antifog Finder Eyepiece DK-17A
- Eyepiece Correction Lenses DK-17C (-3 to +2m<sup>-1</sup>, 5 kinds)
- Eyepiece Adapter DK-18

**POWER SOURCES (p16)**

	Rechargeable Li-ion Battery EN-EL4a		Quick Charger MH-22		Quick Charger MH-21		AC Adapter EH-6 (for D3)
	Rechargeable Li-ion Battery EN-EL3e (for D700)		Quick Charger MH-18a (for D700)		Multi-Power Battery Pack MB-D10 (for D700)		AC Adapter EH-5a (for D700)

D300



**SPEEDLIGHTS (pp4-12)**

	Speedlight SB-900		Speedlight SB-800		Speedlight SB-600		Speedlight SB-400
		Close-up Speedlight Commander Kit R1C1				Close-up Speedlight Remote Kit R1	
		High-performance Battery Pack SD-9 (for SB-900)				Power Bracket Unit SK-6A (for SB-800)	
		High-performance Battery Pack SD-8A (for SB-800)				TTL Remote Cord SC-28/SC-29 (1.5m)	

**VIEWING**

- Rubber Eyecup DK-23
- Magnifying Eyepiece DK-21M
- Eyepiece Correction Lenses DK-20C (-5 to +3m<sup>-1</sup>, 9 kinds)
- Eyepiece Adapter DK-22

**POWER SOURCES (p16)**

	Rechargeable Li-ion Battery EN-EL3e		Quick Charger MH-18a		Multi-Power Battery Pack MB-D10
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D90

D80



D60



D40



**SPEEDLIGHTS (pp4-12)**

	Speedlight SB-900		Speedlight SB-800		Speedlight SB-600		Speedlight SB-400
		Close-up Speedlight Commander Kit R1C1				Close-up Speedlight Remote Kit R1 (SB-900/SB-800 required for D60/D40)	
		High-performance Battery Pack SD-9 (for SB-900)				Power Bracket Unit SK-6A (for SB-800)	
		High-performance Battery Pack SD-8A (for SB-800)				TTL Remote Cord SC-28/SC-29 (1.5m)	
						Sync Terminal Adapter AS-15	

**VIEWING**

- Rubber Eyecup DK-21 (for D90)
- Rubber Eyecup DK-20 (for D80/D60)
- Rubber Eyecup DK-16 (for D40)
- Magnifying Eyepiece DK-21M (for D90)
- Eyepiece Adapter DK-22

**GPS/**

- GPS Unit GP-1 (for D90)

**ATTACHMENT (p18)**

- Rubber Eyecup DK-19
- Magnifying Eyepiece DK-17M
- Right-Angle Viewing Attachment DR-5
- Eyepiece Magnifier DG-2

**TEN-PIN REMOTE ACCESSORIES (p17)**

- Remote Cord MC-36 (0.85m)
- Remote Cord MC-30 (0.8m)
- Remote Cord MC-22 (1m)
- Extension Cord MC-21 (3m)
- Connecting Cord MC-23 (0.4m)
- Modulite Remote Control Set ML-3
- Adapter Cord MC-25 (0.2m)
- GPS Cable MC-35 (0.35m)
- GPS Unit GP-1

**CLOSE-UP ACCESSORIES (p19)**

- Bellows Focusing Attachment PB-6
- Extension Bellows PB-6E
- Bellows Spacer PB-6D
- Slide Copying Adapter PS-6
- Macro Copy Stand PB-6M
- Focusing Stage PG-2 (for D90, D80, D60, D40)
- Macro Adapter Ring BR-2A
- Adapter Ring BR-3
- Auto Extension Ring PK-11A/12/13

**FOCUSING SCREENS (p18)**

- Type B IV (for D3)
- Type E IV (for D3)

**WIRELESS TRANSMITTER (p16)**

- Wireless Transmitter WT-4/4A

**SOFTWARE (pp13-15)**

- Capture NX 2
- Camera Control Pro 2
- Image Authentication Software

**ATTACHMENT (p18)**

- Eyepiece Cap DK-5
- Right-Angle Viewing Attachment DR-6
- Eyepiece Magnifier DG-2

**TEN-PIN REMOTE ACCESSORIES (p17)**

- Remote Cord MC-36 (0.85m)
- Remote Cord MC-30 (0.8m)
- Remote Cord MC-22 (1m)
- Extension Cord MC-21 (3m)
- Connecting Cord MC-23 (0.4m)
- Modulite Remote Control Set ML-3
- Adapter Cord MC-25 (0.2m)
- GPS Cable MC-35 (0.35m)
- GPS Unit GP-1

**STRAPS**

- AN-6W AN-6Y
- AN-4Y AN-4B

**AC ADAPTER (p17)**

- AC Adapter EH-5a

**WIRELESS TRANSMITTER (p16)**

- Wireless Transmitter WT-4/4A

**SOFTWARE (pp13-15)**

- Capture NX 2
- Camera Control Pro 2
- Image Authentication Software

**LENS AND BODY CAPS**

- Front Cap
- Rear Cap LF-1
- Body Cap BF-1A

**ATTACHMENT (p18)**

- Eyepiece Correction Lenses DK-20C (-5 to +3m-1, 9 kinds)
- Eyepiece Cap DK-5
- Right-Angle Viewing Attachment DR-6
- Eyepiece Magnifier DG-2

**POWER SOURCES (p16)**

- Rechargeable Li-ion Battery EN-EL3e (for D90/D80)
- Rechargeable Li-ion Battery EN-EL9 (for D60/D40)
- AC Adapter Connector EP-5 (for D60/D40)
- Quick Charger MH-18a (for D90/D80)
- Quick Charger MH-23 (for D60/D40)
- AC Adapter EH-5/5a
- Multi-Power Battery Pack MB-D80 (for D90/D80)

**LCD MONITOR COVER**

- BM-10 (for D90)
- BM-9 (for D700)
- BM-8 (for D300)
- BM-7 (for D80)

**REMOTE ACCESSORIES (p17)**

- Remote Cord MC-DC2 (for D90)
- Remote Cord MC-DC1 (for D80)
- Wireless Remote Control ML-L3

**SOFTWARE (pp13-15)**

- Capture NX 2
- Camera Control Pro 2

**CAMERA CASES**

- CF-D80 (for D90/D80)
- CF-DC1 (for D60/D40)

**SOFTWARE**

- ViewNX (can be downloaded from Nikon websites)

Note: Some multi-accessory combinations may not be compatible with certain cameras.

# NIKKOR LENS LINEUP

## DX NIKKOR Lenses



AF DX Fisheye-Nikkor 10.5mm f/2.8G ED  
 AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED (2.0x)  
 AF-S DX NIKKOR 16-85mm f/3.5-5.6G ED VR (5.3x)  
 AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED (3.2x)



AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR (3.0x)  
 AF-S DX Zoom-Nikkor 18-55mm f/3.5-5.6G ED II (3.0x)  
 AF-S DX Zoom-Nikkor 18-70mm f/3.5-4.5G IF-ED (3.8x)  
 AF-S DX NIKKOR 18-105mm f/3.5-5.6G ED VR



AF-S DX Zoom-Nikkor 18-135mm f/3.5-5.6G IF-ED (7.5x)  
 AF-S DX VR Zoom-Nikkor 18-200mm f/3.5-5.6G IF-ED (11.1x)  
 AF-S DX Zoom-Nikkor 55-200mm f/4-5.6G ED (3.6x)  
 AF-S DX VR Zoom-Nikkor 55-200mm f/4-5.6G ED (3.6x)

## AF Zoom-NIKKOR Lenses



AF-S NIKKOR 14-24mm f/2.8G ED (1.7x)  
 AF-S Zoom-Nikkor 17-35mm f/2.8D IF-ED (2.1x)  
 AF Zoom-Nikkor 18-35mm f/3.5-4.5D IF-ED (1.9x)  
 AF-S NIKKOR 24-70mm f/2.8G ED (2.9x)  
 AF Zoom-Nikkor 24-85mm f/2.8-4D IF (3.5x)



AF-S VR Zoom-Nikkor 24-120mm f/3.5-5.6G IF-ED (5.0x)  
 AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED (2.9x)  
 AF Zoom-Nikkor 70-300mm f/4-5.6D ED (4.3x)  
 AF-S VR Zoom-Nikkor 70-300mm f/4.5-5.6G IF-ED (4.3x)



AF Zoom-Nikkor 80-200mm f/2.8D ED (2.5x)  
 AF VR Zoom-Nikkor 80-400mm f/4.5-5.6D ED (5.0x)  
 AF-S VR Zoom-Nikkor 200-400mm f/4G IF-ED (2.0x)

## AF Single-Focal-Length NIKKOR Lenses



AF Nikkor 14mm f/2.8D ED  
 AF Fisheye-Nikkor 16mm f/2.8D  
 AF Nikkor 20mm f/2.8D  
 AF Nikkor 24mm f/2.8D  
 AF Nikkor 28mm f/2.8D  
 AF Nikkor 35mm f/2D  
 AF Nikkor 50mm f/1.4D  
 AF Nikkor 50mm f/1.8D  
 AF-S Micro NIKKOR 60mm f/2.8G ED  
 AF Micro-Nikkor 60mm f/2.8D



AF Nikkor 85mm f/1.4D IF  
 AF Nikkor 85mm f/1.8D  
 AF DC-Nikkor 105mm f/2D  
 AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED  
 AF DC-Nikkor 135mm f/2D  
 AF Nikkor 180mm f/2.8D IF-ED  
 AF-S VR Nikkor 200mm f/2G IF-ED



AF Micro-Nikkor 200mm f/4D IF-ED  
 AF-S VR Nikkor 300mm f/2.8G IF-ED  
 AF-S NIKKOR 300mm f/4D IF-ED  
 AF-S NIKKOR 400mm f/2.8G ED VR



AF-S NIKKOR 500mm f/4G ED VR  
 AF-S NIKKOR 600mm f/4G ED VR  
 AF-S Teleconverter TC-14E II  
 AF-S Teleconverter TC-17E II  
 AF-S Teleconverter TC-20E II

## PC-E NIKKOR Lenses



PC-E NIKKOR 24mm f/3.5D ED  
 PC-E Micro NIKKOR 45mm f/2.8D ED  
 PC-E Micro NIKKOR 85mm f/2.8D

# NIKON DIGITAL SLRs

You want performance. You need consistency. You're searching for the best image quality in the business. You're looking in the right place. Professionals and passionate amateurs around the world understand that Nikon means quality and dependability. Which digital SLR is right for you?



## D3 The ultimate in Nikon FX-format performance

- FX-format CMOS image sensor with 12.1 effective megapixels
- Nikon's original EXPEED digital image processing concept incorporated
- Sensitivity range ISO 200 to 6,400; can be set to ISO-equivalent 25,600
- Scene Recognition System improves accuracy of autofocus, auto exposure and auto white balance
- 51-point autofocus system with 15 cross-type sensors
- Continuous shooting at approx. 9 fps (FX format/5:4) or 11 fps (DX format)
- 3-inch, 920,000-dot (VGA) LCD monitor
- Quick startup and short 37-millisecond shutter release time lag

## Exceptional performance. Agile design. D700

- FX-format CMOS image sensor with 12.1 effective megapixels
- Nikon's original image processing concept EXPEED incorporated
- Sensitivity range ISO 200 to 6,400; can be set to ISO-equivalent 25,600
- 51-point autofocus system with 15 cross-type sensors
- Continuous shooting at approx. 8 fps
- Scene Recognition System and Picture Control System
- 3-inch, 920,000-dot (VGA) LCD monitor
- Two Live View modes available
- i-TTL built-in flash and Creative Lighting System compatibility



## D300 The ultimate in Nikon DX-format performance

- DX-format CMOS image sensor with 12.3 effective megapixels
- Nikon's original EXPEED digital image processing concept incorporated
- Sensitivity range ISO 200 to 3,200; can be set to ISO-equivalent 6,400
- Scene Recognition System improves accuracy of autofocus, auto exposure and auto white balance
- 51-point autofocus system with 15 cross-type sensors
- Continuous shooting at approx. 8 fps for up to 100 consecutive RAW (NEF)
- 3-inch, 920,000-dot (VGA) LCD monitor
- Quick startup and short 45-millisecond shutter release time lag

## Photographers, take your passion further D90

- DX-format CMOS image sensor with 12.3 effective megapixels
- Nikon's original image processing concept EXPEED incorporated
- Wide sensitivity range of ISO 200 to 3,200 with low noise
- D-Movie, an innovative movie shooting feature for digital SLRs
- Scene Recognition System integrated with Face Detection System
- Versatile AF system with practical 11-point AF
- Advanced Scene Mode for superior image quality
- Extensive palette of in-camera Retouch Menu
- Easy-to-use Live View mode



## D80 High performance that satisfies all shooting styles

- 10.2 effective megapixels for 3,872 x 2,592 pixel images
- Exclusive Nikon DX-format CCD imaging sensor and high resolution image processing engine
- 3D Color Matrix Metering II featuring 420 segment RGB sensor
- Seven automated Digital Vari-Program modes
- Broad ISO-equivalent sensitivity range (100-1,600)
- High-performance i-TTL built-in flash and Creative Lighting System compatibility

## Stunning photography is just a step away D60

- 10.2 effective megapixels for 3,872 x 2,592 pixel images
- Nikon's original EXPEED digital image processing concept incorporated
- Intuitive and ergonomically designed control
- Innovative dust-reduction system including Airflow Control System and Image Sensor Cleaning
- 3D Color Matrix Metering II featuring 420-segment RGB sensor
- Eight automated Digital Vari-Program modes
- A wide variety of in-camera Retouch Menus
- Built-in flash with i-TTL flash control



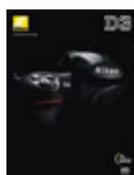
## D40 Outstanding picture quality that's easy for everyone

- 6.1 effective megapixels; Nikon DX-format CCD
- Advanced digital image processor
- 3D Color Matrix Metering II featuring 420-segment RGB sensor
- Intuitive and ergonomically designed control
- Eight automated Digital Vari-Programs, including Auto (Flash Off) mode
- Advanced AF system with refined algorithms
- "Assist Images" to help select appropriate settings for many camera features
- Built-in Flash with i-TTL flash control

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### Other Nikon product brochures

Brochures are available for all Nikon digital imaging products. Please consult your nearest authorized dealer, or check your local Nikon website via <http://www.nikon.com>



D3



D700



D300



D90



D80



D60



D40



NIKKOR Lenses



COOLPIX Lineup



Capture NX 2

You can also download brochures at <http://imaging.nikon.com/products/imaging/lineup/brochure/>



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**WARNING**

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

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**Nikon U.K. Ltd.** Nikon House, 380 Richmond Road Kingston, Surrey KT2 5PR U.K. [www.nikon.co.uk](http://www.nikon.co.uk)  
**Foto Distributors** 516 Kyalami Boulevard, Kyalami Business Park, Midrand 1684, Johannesburg, Republic of South Africa [www.nikon.co.za](http://www.nikon.co.za)  
**Nikon Canada Inc.** 1366 Aerowood Drive, Mississauga, Ontario, L4W 1C1, Canada [www.nikon.ca](http://www.nikon.ca)  
**NIKON CORPORATION** Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku Tokyo 100-8331, Japan [www.nikon.com](http://www.nikon.com)

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