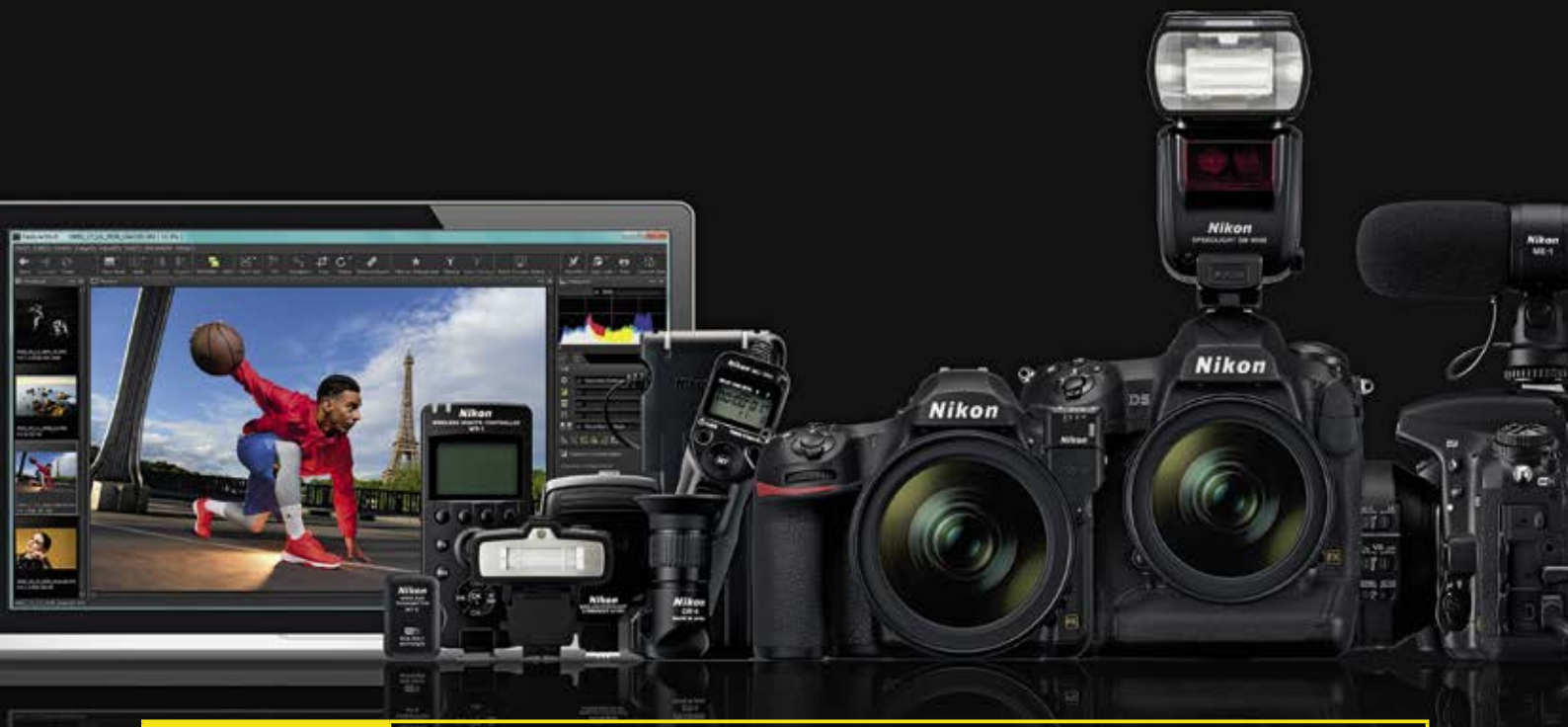
Nikon

At the heart of the image



I AM FULL OF POSSIBILITIES

I AM THE NIKON TOTAL DIGITAL IMAGING SYSTEMS

www.europa-nikon.com

Nikon 100th anniversary

100 million NIKKOR

Painting with light

Fast-moving subjects captured against a blaze of background color: add Speedlights to a scene, and you can achieve a whole lot more in your images. Dare to see the world differently.

© Dave Black

All the subtlety, all the drama

In atmospheric settings, flash photography heightens the beauty of the moment. Radio communication makes even elaborate lighting set-ups feel effortless, allowing your creativity to take control.

© Dave Black

Primetime action

Challenging, fast-paced environments are no problem for Speedlights. Even shooting split-second action over long distances, your gear won't place limits on your ambitions any more.

© Dave Black

Control the light. Expand the possibilities.

Photography is all about working with light. Take control of the light, and everything changes. Drab settings become instantly dramatic. A seemingly mundane moment turns into something unforgettable.

For photographers, working with flash can be a liberating experience. It's a way of unlocking the full potential of the scene in front of you — of bending, or even rewriting, the rules. With a few Nikon Speedlights in your bag, you'll have a wealth of creative options at your disposal every time you shoot.

Portable and highly adaptable, Speedlights let you devise imaginative, multi-angle lighting setups with minimal hassle. That's thanks to the power and flexibility of Nikon's Creative Lighting System (CLS), which provides intuitive, highly accurate flash metering, combined with the ability to control multiple Speedlights wirelessly.

And it just got even better. The new SB-5000 Speedlight marks the dawn of an exciting new phase for CLS, and for flash photography in general. For the first time, it's possible to control Speedlights via radio waves, enabling reliable communication over far greater distances (up to 30 m/100 ft), and without having to worry about physical obstacles.

With the power to control up to 6 groups of Speedlights at once, even the most ambitious lighting designs are now feasible. What's more, enhanced high-speed sync accuracy and quicker flash recycle rates allow you to capture fast-moving subjects like never before.

Flash photography has the power to transform your images. And with Nikon's improved Creative Lighting System, the possibilities are as limitless as your imagination.

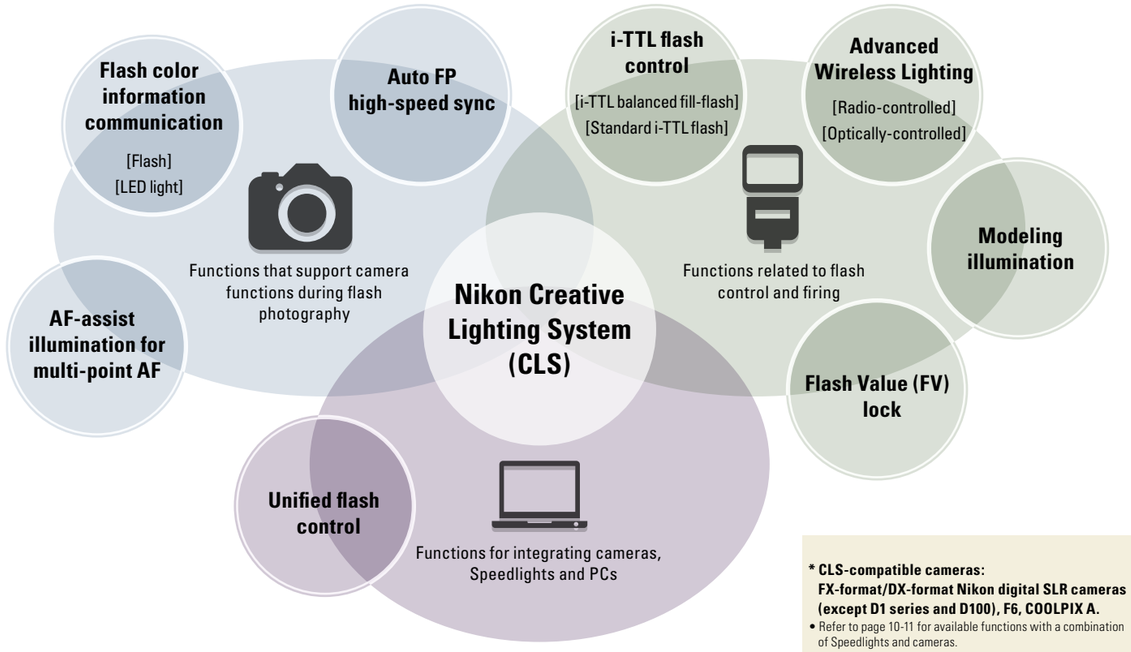
As the camera pans while using a slow shutter speed, the backdrop of autumn leaves bathed in morning light becomes a rich tapestry of saturated colors. The cycle path is still in the shadows, but two remote Speedlights illuminate the riders as they pass. Radio communication ensures reliable wireless performance, even in dense foliage.

A pair of mounted Speedlights acts as the key light on the dancer, as additional flash units positioned in the front and rear illuminate the foliage behind. With radio communication, there are no line-of-sight issues. Accurate high-speed sync freezes the action, while a high ISO setting makes it possible to capture every nuance of the ethereal surroundings.

The photographer shoots from the towboat, while five Speedlights on an auxiliary boat combine to create a concentrated hard light on the wake boarder. Instantaneous communication over long distances is vital to achieving this shot. With the available natural light falling fast, rapid flash recycle times are also invaluable.

More flexible lighting control with various advanced functions

Nikon Creative Lighting System (CLS) is Nikon's original flash system that utilizes optimized data communication between Speedlights and cameras. A variety of advanced features achieved via a combination of Speedlights and CLS-compatible cameras* remarkably expands the possibilities of flash photography. CLS is composed of versatile functions as shown below. (Available functions differ depending on the combination of Speedlights and cameras.)



*** CLS-compatible cameras:**
FX-format/DX-format Nikon digital SLR cameras (except D1 series and D100), F6, COOLPIX A.

• Refer to page 10-11 for available functions with a combination of Speedlights and cameras.

Major features of Nikon Creative Lighting System

i-TTL flash control

A camera sensor meters reflected light from subjects via monitor pre-flashes before the main flash, then analyzes the information and adjusts the flash output. The number of monitor pre-flash and its amount are optimized for more precise flash output adjustment. When a G-/D-/E-type lens is attached, the distance information from the subjects is applied to determine the most appropriate output.

- i-TTL balanced fill-flash: Balances the brightness of main subjects and background to optimize flash output. Main subjects can be exposed correctly with natural brightness, against the background ambient light.
- Standard i-TTL flash: Adjusts flash output to apply an appropriate amount of light to main subjects. Ideal for emphasizing the main subjects.

Advanced Wireless Lighting

Wireless multiple flash photography is made possible with multiple Speedlights. Speedlights' positions and flash settings can be adjusted to enjoy various lighting choices. There are two control systems: Radio-controlled and optically-controlled.

- Radio-controlled: Attaching the WR-R10 Wireless Remote Controller to a compatible camera (D5, D850, D500, D7500), remote Speedlights (SB-5000 only) can be controlled via radio waves. (WR-A10 Wireless Remote Adapter is required for the D5, D850 and D500.)
- Optically-controlled: Speedlights can be controlled via firing from a master flash.

Modeling illumination

A certain amount of very little light fires consecutively, so that you can confirm the lighting before shooting.

Flash Value (FV) lock

Based on an appropriate flash amount determined with the monitor pre-flash, this automatically adjusts the flash amount even when you change composition, zooming or aperture to deliver proper exposure. Fixing the flash amount enables photography with stable exposure.

Flash color information communication

When a camera's white balance is set to Auto or Flash, it automatically selects an appropriate white balance according to the flash or the SB-500's LED light conditions.

- Flash: Information on color temperature and color filters is transmitted to the camera.
- LED light: Color temperature information from the SB-500's LED light is transmitted to the camera.

Auto FP high-speed sync

For i-TTL flash control and manual flash control, flash photography using a shutter speed faster than the camera's own sync speed is enabled. This function automatically activates when the shutter speed exceeds the normal flash sync speed.

AF-assist illumination for multi-point AF

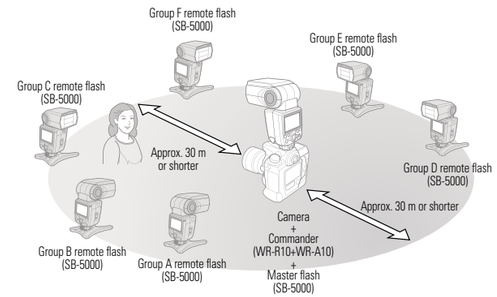
When it is difficult to focus on a subject in low light, this function projects AF-assist illumination compatible with multi-area AF and multi-point AF of the camera to achieve autofocus.

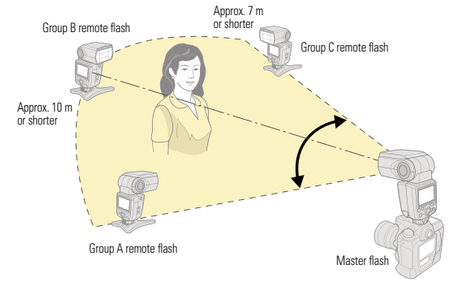
Unified flash control

This function can share various flash settings with Speedlights and cameras. Speedlight settings can be adjusted using a camera or Camera Control Pro 2 (optional). Settings executed on Speedlights are reflected on the camera and Camera Control Pro 2.

Creative multiple flash photography with Advanced Wireless Lighting

A combination of CLS-compatible cameras and Speedlights enables wireless multiple flash photography which controls each group of master and remote flash units. There are two systems: Radio-controlled and optically-controlled.





Radio-controlled Advanced Wireless Lighting

With the WR-R10 Wireless Remote Controller attached to the camera (D5, D850, D500, D7500) as a commander, radio-controlled Advanced Wireless Lighting is available by locating remote flashes more flexibly than with an optically-controlled system, even when they're out of view, behind obstacles or in bright ambient light.

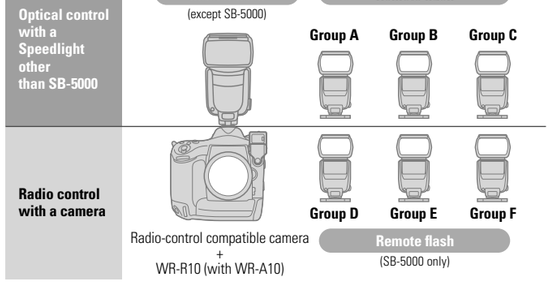
- WR-A10 Wireless Remote Adapter is required when attaching WR-R10 to the D5, D850 and D500.
- Only the SB-5000 can be used as remote flashes.
- Up to six groups (A-F) using 18 units can be set as remote flash units.
- Wireless multiple flash photography without using a master flash is also possible.

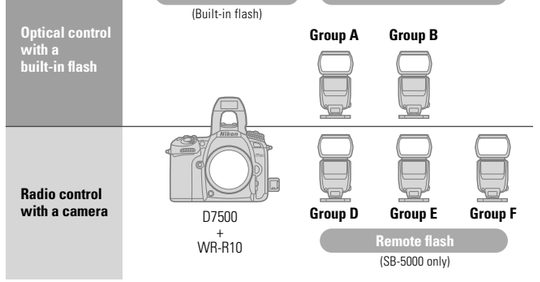
Optically-controlled Advanced Wireless Lighting

Wireless multiple flash photography with an optically-controlled system is enabled with the CLS-compatible cameras except COOLPIX A and Speedlights. Also, a built-in flash with commander function can be used.

- Up to three groups (A, B, C) of remote flashes can be set. There is no limit to the number of remote units in each group, however, up to three for each group is recommended.

Simultaneous use of optically-controlled and radio-controlled systems





With D5, D850, D500

Optically-controlled system with a master flash (except SB-5000) attached to the camera and radio-controlled system with the WR-R10 can be used simultaneously.

- Remote flashes of groups A, B and C are optically controlled, while those of groups D, E and F are radio controlled.
- SB-5000 cannot be used as a master flash in the optically-controlled system.
- Only the SB-5000 can be used as a remote flash in the radio-controlled system.

With D7500

Using the built-in flash of the D7500 as a commander, optically-controlled Advanced Wireless Lighting is available for up to two groups of remote units*. When used in conjunction with Nikon's WR-R10 Wireless Remote Controller, the built-in flash can also control up to three groups of optional SB-5000 Speedlights simultaneously via radio. Advanced Wireless Lighting using both optical and radio control at the same time is also possible.

*SB-5000, SB-700, SB-500 and SB-R200 (all optional).

Other functions of Speedlights

Standard TTL flash
A camera meters reflected light of the main flash through the lens, then adjusts the flash output level so that the subject is correctly exposed.

Non-TTL auto flash
Reflected light of the main flash is detected by the flash sensor on the Speedlight and controlled for appropriate exposure.

Distance-priority manual flash
Once the shooting distance is set, the Speedlight automatically controls the flash output according to the aperture set. You can take pictures while retaining the same flash exposure even with different apertures.

Auto power zoom function
This feature allows the angle of illumination to be automatically adjusted as the lens is zoomed in or out.

Red-eye reduction
A process that removes "red-eye" caused by light reflecting from the camera taken with the flash. It emits "pre-flashes" several times before the main flash, to make the subjects' pupils contract for reducing red-eye. (Available with a camera featuring red-eye reduction mode)

Repeating flash
Flash fires repeatedly during a single exposure to create a stroboscopic multiple-exposure effect.

Bounce flash
When the flash head is rotated to bounce flash position, you can bounce the flash off the ceiling or a wall to soften shadows and produce a more natural-looking picture.

Speedlight Compatibility

Available functions with a combination of Speedlights and CLS-compatible cameras

Speedlights	Cameras	Nikon Creative Lighting System																
		i-TTL flash control	Advanced Wireless Lighting		Modeling illumination	Flash Value (FV) lock	Flash color information communication		Auto FP high-speed sync	AF-assist illumination for multi-point AF	Unified flash control	Auto aperture flash	Non-TTL auto flash	Distance-priority manual flash	Manual flash	Repeating flash	Red-eye reduction
			Radio-controlled	Optically-controlled			Flash	LED Light									
SB-5000	D5, D850, D500	○	○	○	○	○	○	–	○	○	○	○	○	○	○	○	○
	D7500	○	○	○	○	○	○	–	○	○	–	○	○	○	○	○	○
	D4 series, Df, D810/D810A, D750, D7200, D7100	○	–	○	○	○	○	–	○	○	–	○*1	○	○	○	○	○
	D5600, D5500, D5300, D5200, D3400, D3300, D3200	○	–	○	△	–	○	–	–	○	–	○*1	○*5	○	○	○	○
	COOLPIX A	○	–	–	△	○	○	–	–	–	–	○	–	○	○	○	○
SB-700	D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100	○	–	○	○	○	○	–	○	○	–	–	–	○	○	●	○
	D5600, D5500, D5300, D5200, D3400, D3300, D3200	○	–	○	–	–	○	–	–	○	–	–	–	○	○	●	○
	COOLPIX A	○	–	–	–	○	○	–	–	–	–	–	–	○	○	–	○
SB-500 Some functions can be set on camera side	D5, D850, D500	○	–	○	○	○	○	○	○	–	○	–	–	–	○	●	○
	D4 series, Df, D7100	○	–	●	○	○	○	–	○	–	–	–	–	–	○	●	○
	D810/D810A, D750, D7500, D7200	○	–	○	○	○	○	○	○	–	–	–	–	–	○	●	○
	D5600, D5500	○	–	○	–	–	○	–	–	–	–	–	–	–	○	●	○
	D5300, D5200, D3300, D3200	○	–	●	–	–	○	○	–	–	–	–	–	–	○	●	○
	D3400	○	–	●	–	–	○	–	–	–	–	–	–	–	○	●	○
	COOLPIX A	○	–	–	–	○	○	–	–	–	–	–	–	–	○	–	○
SB-300 Each function can be set on camera side	D5, D850, D500	○	–	–	–	○	○	–	–	–	○	–	–	–	○	–	–
	D4 series, Df, D810/D810A, D750, D7500, D7200, D7100	○	–	–	–	○	○	–	–	–	–	–	–	–	○	–	–
	D5600, D5500, D5300, D5200, D3400, D3300, D3200	○	–	–	–	–	○	–	–	–	–	–	–	–	○	–	–
	COOLPIX A	○	–	–	–	○	○	–	–	–	–	–	–	–	○	–	–
SB-R200 Use with SU-800, camera's built-in flash or SB-5000/700/500*4 as a commander	D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100	●	–	●	●	●	–	–	●	●*3	–	–	–	–	●	–	–
	D5600*2, D5500*2, D5300*2, D5200*2, D3400*2, D3300*2, D3200*2	●	–	●	–	–	–	–	–	●*3	–	–	–	–	●	–	–

Nikon Creative Lighting System compatible
△ Available with a Speedlight only.
● Available when used as a remote flash for Advanced Wireless Lighting.
1 Available with D5600, D5500, D5300, D5200, D3300 and D3200 when attached to a CPU lens. Available with D3400 when attached to an E or G type lens.
*2 Commander function not available with built-in flash of D5600, D5500, D5300, D5200, D3400, D3300 and D3200.
*3 When using SU-800, SB-5000 or SB-700 with AF-assist illumination for multi-point AF.
*4 Available only when used with D5, D810/D810A, D750, D500, D7500 and D7200.
*5 With D3400, Non-TTL auto flash is available when attached to a lens other than E and G type.

- With D7500, D5600, D5500, D5300, D5200, D3400 , D3300 and D3200, i-TTL flash control is available when a CPU lens* is attached.

* CPU lens: E/G/D type lens, AF lens other than E, G, D type (except lenses for F3AF) and AI-P lens.

Combinations of camera and Speedlights with Advanced Wireless Lighting

Radio-controlled system

Cameras	Commander	Master flash	Remote flash					
			Group A	Group B	Group C	Group D	Group E	Group F
			SB-5000					
D5, D850, D500	WR-R10 (with WR-A10)	SB-5000	○	○	○	○	○	○
D7500	WR-R10	SB-5000	○	○	○	○	○	○

- Wireless multiple flash photography with remote flashes without using a master flash is also available.

Optically-controlled system

Cameras	Master flash/commander	Remote flash		
		Group A	Group B	Group C
		SB-5000, SB-700, SB-500, SB-R200		SB-5000, SB-700, SB-R200
FX-format/DX-format digital SLR cameras	SB-5000	○	○	○
	SU-800	○	○	○
	SB-700	○	○	–
D5, D850, D810, D810A, D750, D500, D7500, D7200, D5600, D5500	SB-500	○	○	–
D810/D810A, D750, D7500, D7200, D7100	Built-in flash (commander mode)*	○	○	–

- SB-5000, SB-700, SB-500 can be used as a master flash (functions as a commander without firing).
- Simultaneous use of up to three remote flash units for each group is recommended.

* With D810/D810A, D750, D7500, D7200, D7100, Group A/B and Channel 1-4 can be set in commander mode.

Simultaneous use of optically-controlled and radio-controlled systems

Cameras	Optically-controlled				Radio-controlled			
	Master flash/commander	Remote flash			Commander	Remote flash		
		Group A	Group B	Group C		Group D	Group E	Group F
		SB-5000, SB-700, SB-500, SB-R200		SB-5000, SB-700, SB-R200		SB-5000		
D5, D850, D500	SU-800	○	○	○	WR-R10 (with WR-A10)	○	○	○
	SB-700, SB-500	○	○	–				
D7500	Built-in flash (commander mode)*	○	○	–	WR-R10	○	○	○

* When optically-controlled and radio-controlled systems are used simultaneously, SB-5000 cannot be used as a master flash of the optically-controlled system. Group A/B and Channel 1-4 can be set in commander mode.

The Nikon Creative Lighting System

The Speedlight Lineup

SB-5000

Nikon's flagship Speedlight that fully supports the next-generation Creative Lighting System

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A

- Radio-controlled Advanced Wireless Lighting system realizes wireless multiple flash photography even under bright sunlight or when obstacles block optical control, for improved lighting flexibility (with D5, D850 and D500)
- Cooling system that suppresses heat generation within the flash head is incorporated, providing a greatly increased number of consecutive shots
- Unified flash control function enables setting changes and flash operation using camera menus or a personal computer with Camera Control Pro 2 (with D5, D850 and D500)
- Frequently used functions can be accessed quickly with a press of the rotary multi selector or newly adopted [i] button
- Three illumination patterns (standard/even/center-weighted), with increased light distribution accuracy, are available to match every shooting environment
- Automatically detects Nikon FX and Nikon DX formats and selects suitable light distribution angles
- Hard type color filter that is superior in durability and heat resistance is employed (supplied)
- Guide number of 34.5 at 35 mm or 55 at 200 mm (FX format, standard illumination pattern, ISO 100, m, 23°C)
- Power zoom function covers wide 24-200 mm (in FX format) zoom range
- AF-assist illumination, compatible with multi-point AF system, covers wide 24-135 mm focal length range
- Minimum recycling time: approx. 1.8 seconds with Ni-MH batteries
- Compatible with SD-9 High-Performance Battery Pack

SB-700

High-performance versatile Speedlight brings simplicity to on-camera, remote and multiple flash photography

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A

- Functions as a master or remote flash unit in Advanced Wireless Lighting
- Controls an unlimited number of Speedlights for up to two groups
- Offers four independent channels of wireless control up to 10 m for competitive shooting environments
- Quick wireless control mode allows control of flash output for two remote flash unit groups
- LCD and layout of controls designed for easy and intuitive operation
- Power zoom covers wide 24-120 mm zoom range (Manual also available)
- Three illumination patterns (standard/even/center-weighted) are available
- Automatically detects Nikon FX and DX formats for suitable light distribution
- AF-assist illumination, compatible with multi-point AF system, covers wide 24-135 mm focal length range

SB-500

Versatile Speedlight with high mobility and flexibility

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A

- Compatible with Advanced Wireless Lighting
- Flash head tilts up to 90° and rotates horizontally 180° to the left and right
- Guide number of 24 at 24 mm (FX format, ISO 100, m)
- High-performance LED light (approx. 100 lx) is incorporated
  - Particularly convenient for movie recording and close-up still shooting
  - Output level selectable in three steps (Low, Mid, High)
  - Illumination with surface light source utilizing a diffuser for soft lighting
  - With the color temperature of 5400K, natural auxiliary light is ensured
  - Color information communication function automatically sets the optimal white balance when attached to the D810 or D750
  - Superior color rendering performance for faithful reproduction of subject's color
- Compatible with readily available R6/AA-size batteries

SB-300

Compact and lightweight Speedlight with bounce flash capability

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A

- Compact and lightweight design for great portability
- Easy operation even for novices
- Flash head can be set up to 120° upward for beautiful indoor portrait
- Compatible with readily available AAA-size batteries

D5+SB-5000 © Dave Black

D750+SB-500 © Ray Demski

R1C1/R1 Close-up Speedlight Kit

The ultimate Speedlight system for creative, wireless close-up photography

R1C1: Close-up Speedlight Commander Kit (SU-800, two SB-R200s and all the accessories)
R1: Close-up Speedlight Remote Kit (Two SB-R200s and all the accessories)

R1C1

- Up to three remote groups and four channels using SU-800 as a commander and SB-R200s as remote units can be arranged to enable creative lighting from the left, right, above or below your subject
- Settings are easily made and confirmed on the SU-800's LCD panel from the camera's position
- SB-R200 units can be tilted up to 60 degrees to accommodate lenses with short working distances

* There are limitations to usable lenses.

SX-1 Attachment Ring
Can hold up to four SB-R200 units on the lens or up to eight off camera.

SW-11 Extreme Close-up Positioning Adapter
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 15 cm (lens to subject).

SW-12 Diffuser
This milky-white panel diffuses light from a flash and softens shadows.

SW-C1 Flexible Arm Clip
Allows attachment of items such as a diffuser. Can be attached to the guide groove of the SX-1 Attachment Ring.

SB-R200

Wireless Remote Speedlight

Also available as a separate unit

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A

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.

SU-800

Wireless Speedlight Commander

Also available as a separate unit

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A

Placed atop your Nikon D-SLR's hot shoe, the SU-800 acts as a commander for as many Speedlights as you desire.

R1C1/R1 Accessories

AS-20 Speedlight Stand

Adapter Rings

SG-3IR IR Panel for Built-in Flash

SZ-1 Color Filter Holder

SJ-R200 Color Filter Set

Cases

Flash Accessories

SC-28/SC-29 TTL Remote Cord (1.5 m)
The SC-28/SC-29 makes off-camera TTL flash control easy and assured. With the Nikon D-SLRs, the SC-29 also works as an external AF-assist illuminator.

AS-15 Sync Terminal Adapter
The AS-15 is compatible with cameras such as the D750, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300 and D3200, which feature standard ISO-type accessory shoe but lack a sync terminal for large studio strobes.

Specifications

Speedlights

	SB-5000	SB-700	SB-500	SB-300
Guide number (ISO 100, m, 20°C)	34.5 (at 35 mm zoom head position, in FX format, standard illumination pattern, 23°C)	28 (at 35 mm zoom head position, in FX format, standard illumination pattern)	24 (23°C)	18
Angle of illumination (in FX format)	Power zoom 24 to 200 mm; 14 mm with wide panel	Power zoom 24 to 120 mm; 12 mm with built-in wide-flash adapter	24 mm	27 mm
Illumination pattern	3 illumination patterns (standard/even/center-weighted)	3 illumination patterns (standard/even/center-weighted)	—	—
Flash mode	i-TTL, Auto aperture flash, Non-TTL auto flash, Distance-priority manual flash, Manual flash, Repeating flash	i-TTL, Distance-priority manual, Manual, Repeating flash*1	i-TTL, Manual	i-TTL, Manual
Other available functions	Test firing, monitor pre-flashes, AF-assist illumination for multi-point AF and modeling illumination	Test firing, monitor pre-flashes, AF-assist illumination for multi-point AF, and modeling illumination	Test firing, monitor pre-flashes, modeling flash	—
Minimum recycling time (manual at full)	Approx. 1.8 seconds (with Ni-MH batteries)	Approx. 2.5 seconds (with Ni-MH batteries)	Approx. 3.5 seconds (with Ni-MH batteries)	Approx. 3.5 seconds (with Ni-MH batteries)
Number of flashes (manual at full)	Approx. 150 (with alkaline batteries)	Approx. 160 (with alkaline batteries)	Approx. 100 (with alkaline batteries)	Approx. 70 (with alkaline batteries)
Power source	Four R6/AA-size batteries; SD-9 High-Performance Battery Pack	Four R6/AA-size batteries	Two R6/AA-size batteries	Two AAA-size batteries
Other features	ISO sensitivity manual setting, redisplay of amount of underexposure due to insufficient flash output in i-TTL mode, reset to the default settings, key lock, thermal cut-out, firmware update	Thermal cut-out, firmware update	Thermal cut-out, firmware update	Thermal cut-out, firmware update*2
Dimensions (W x H x D)	Approx. 73.0 × 137.0 × 103.5 mm	Approx. 71.0 x 126.0 x 104.5 mm	Approx. 67.0 x 114.5 x 70.8 mm	Approx. 57.4 x 65.4 x 62.3 mm
Weight (without batteries)	Approx. 420 g	Approx. 360 g	Approx. 226 g	Approx. 97 g

*1 When used as a remote unit
*2 Firmware can be updated from camera.

SU-800 Wireless Speedlight Commander

- **Transmission mode:** Infrared-pulse emitting communication using a flash discharge tube
- **Transmission range:** Approx. 20 m for the SB-5000, SB-700 and SB-500 and approx. 4 m 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 1,000 nm (infrared ray)
- **Flash coverage:** Approx. 60° (vertical), approx. 78° (horizontal)
- **Display:** LCD, ready-light
- **AF-assist illumination for multi-point AF:** Approx.10 m at center area using a 50mm f/1.8 lens
- **Power source:** One 3V CR123A lithium battery
- **Dimensions (W x H x D):** Approx. 68 x 96 x 58 mm
- **Weight (without battery):** Approx. 160 g

SB-R200 Wireless Remote Speedlight

- **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:** 24 mm
- **Flash mode:** i-TTL; D-TTL; TTL; M (Manual): full to 1/64 output (close-up), full to 1/128 output (commander)
- **Min. 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 SX-1 Attachment Ring or AS-20 Speedlight Stand
- **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 55 mm
- **Weight (without battery):** Approx. 120 g

Multi-Power Battery Pack + Added Reliability

More power and speed when you need it

MB-D18 Multi-Power Battery Pack

for D850

Runs on EN-EL15a/EN-EL15 or EN-EL18b/EN-EL18a/EN-EL18 rechargeable battery or eight R6/AA-size alkaline/Ni-MH/lithium batteries. This weather- and dust-resistant Multi-Power Battery Pack employs shutter-release, AF-ON, and function buttons, a multi-selector and main- and sub- command dials.

MB-D17 Multi-Power Battery Pack

for D500

Runs on EN-EL15a/EN-EL15, EN-EL18b/EN-EL18a/EN-EL18 or eight R6/AA-size batteries. Various controls for vertical shooting such as shutter-release button, multi selector, function button and main/sub command dials are employed. Features rugged magnesium alloy construction and dust and water-drop resistance.

MB-D16 Multi-Power Battery Pack

for D750

Runs on one EN-EL15a/EN-EL15 or six R6/AA-size alkaline/Ni-MH/lithium batteries. The EH-5c/EH-5b AC Adapter with EP-5B Power Connector is also an option for longer use. Featuring magnesium alloy for its exterior, it incorporates intuitive controls for vertical shooting: AE-L/AF-L button, main/sub command dials, shutter-release button and multi selector.

MB-D15 Multi-Power Battery Pack

for D7200, D7100

Runs on one EN-EL15a/EN-EL15, six R6/AA-size alkaline/Ni-MH/lithium batteries or EH-5c/EH-5b AC Adapter. Handy controls for vertical shooting are employed. Features rugged magnesium alloy construction and weather sealing.

MB-D12 Multi-Power Battery Pack

for D810/D810A

Runs on one EN-EL15a/EN-EL15, one EN-EL18b/EN-EL18a/EN-EL18 (BL-5 Battery Chamber Cover required) or eight R6/AA-size alkaline/Ni-MH/lithium batteries. Using with EH-5c/EH-5b ensures longer-period shooting. Features shutter-release button, AF-ON button, multi selector, and two command dials for vertical shooting. The same integral magnesium alloy construction and weather sealing as the camera body itself are utilized.

EN-EL18
Rechargeable Li-ion Battery

for D5, D4 series, D850

EN-EL18a
Rechargeable Li-on Battery

for D5, D4 series, D850

EN-EL18b
Rechargeable Li-ion Battery

for D5, D4 series, D850

EN-EL15
Rechargeable Li-ion Battery

EN-EL15a
Rechargeable Li-ion Battery

for D850, D810/D810A, D750, D500, D7500, D7200, D7100, Nikon 1 V1, UT-1

EN-EL14a
Rechargeable Li-ion Battery

for Df, D5600, D5500, D5300, D5200, D3400, D3300, D3200

MH-26a
Battery Charger

for D5, D4 series, D850

These rechargeable batteries provide extended life and consistent power, even in colder conditions. Used together with your Nikon D-SLR or Nikon 1 series camera, the camera's "fuel gauge" accurately displays the remaining charge and number of shots since the last charging.

Enables charging of two EN-EL18/EN-EL18a/EN-EL18b batteries.

MH-25
Battery Charger

MH-25a
Battery Charger

for D850, D810/D810A, D750, D500, D7500, D7200, D7100, Nikon 1 V1, UT-1

Enables charging of EN-EL15a/EN-EL15 Rechargeable Li-ion Battery.

MH-24
Battery Charger

for Df, D5600, D5500, D5300, D5200, D3400, D3300, D3200

Enables charging of EN-EL14a Rechargeable Li-ion Battery.

EH-5b
AC Adapter

EH-5c
AC Adapter

for Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, Nikon 1 V1, UT-1

Provide AC power to the camera for uninterrupted operation. When connecting the EH-5b/EH-5c to the camera, EP-5A Power Connector (for Df, D5600, D5500, D5300, D5200, D3400, D3300, D3200) or EP-5B Power Connector (for D850, D810/D810A, D750, D500, D7500, D7200, D7100, Nikon 1 V1, UT-1) is required. EP-6 Power Connector is required when connecting the EH-6b to the D5 and D4 series.

EH-6b
AC Adapter

for D5, D4 series

Software + Your Workflow Efficiency

Powerful tools for effective image creation

Capture NX-D

Capture NX-D is software exclusively created to develop Nikon's original RAW (NEF) files. You can adjust the look of the image fully utilizing Picture Control to completely enjoy Nikon image creation. With Capture NX-D, Flat option and clarity parameter can be used with the images taken by cameras released earlier than the D810.

Camera Control Pro 2

This software remotely controls most functions of Nikon digital SLRs from a computer that is connected via USB cable or through wired or wireless LAN using a wireless transmitter. It also supports workflows of Nikon's exclusive photofinishing software Capture NX-D (optional) and browser and viewer software ViewNX-i.

ViewNX-i / ViewNX-Movie Editor

Inheriting the comfortable operation of the conventional ViewNX 2 software, ViewNX-i features enhanced usability of the browsing functions, such as Photo Tray that lets users temporarily store files from various folders, for smooth operation when editing movies or printing still images. ViewNX-i collaborates with both Capture NX-D that allows detailed adjustments to still images, and ViewNX-Movie Editor that offers easy movie editing.

Wireless Transmission Accessories + Enhanced Efficiency

Higher workflow speed and new photographic enjoyment

WT-6/A/B/C* Wireless Transmitter

for D5

WT-7/A/B/C* Wireless Transmitter

for D850, D810/D810A, D750, D500, D7200

WT-5/A/B/C/D* Wireless Transmitter

for D5, D4 series
(When used with the UT-1 Communication Unit, transfer functions are achieved via wireless LAN with D810/D810A, D750, D7200 and D7100.)

WT-4/A/B/C/D/E* Wireless Transmitter

for D4 series

The WT-6/A/B/C and WT-7/A/B/C Wireless Transmitter enable image data transfer via high-speed wireless LAN*1 to a computer or FTP server. With the combination of a compatible camera and wireless transmitter, "FTP upload" mode, "Image transfer" mode*2, "Camera control" mode*2*3, "HTTP server" mode, "Synchronized release" mode (only with D5 and WT-6/A/B/C or WT-5/A/B/C/D, or D4 series and WT-5/A/B/C/D) can be used.

- HTTP server mode achieves browsing of images stored in the camera's memory card via a web browser in a computer or smart device (Android OS, iPhone and iPad)*4, as well as remote shooting. Up to five devices*5 can be connected simultaneously and continuous shooting is supported. Via a web browser, IPTC information, text and copyright information can also be edited.
- Image transfer modes include "Infrastructure" mode using wireless LAN access points, and "Access point" mode in which the camera connected with a wireless transmitter can be used as an access point for direct connection with a computer and smart device.
- "Synchronized release" mode can be used even when the D5 (with WT-6/A/B/C or WT-5/A/B/C/D) and the D4 series (with WT-5/A/B/C/D) are used simultaneously.
- When the D500 that is not equipped with wired LAN terminal is connected with the WT-7/A/B/C, image transfer via 1000BASE-T supported wired LAN is enabled.

*1 WT-6/A/B/C and WT-7/A/B/C are based on IEEE802.11a/b/g/n/ac standard.
*2 Wireless Transmitter Utility must be installed on computers (can be downloaded from Nikon's website).
*3 Optional Camera Control Pro 2 must be installed.
*4 For the combination of WT-5/A/B/C/D and the camera (except D5), only iPhone can be used.
*5 Shooting and text editing can be operated with only one device.

* Product name varies according to region, depending on local frequency channels available.

The WT-4/A/B/C/D/E 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. 180 m (IEEE 802.11b/g) or 260 m (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.

UT-1 Communication Unit

for D4 series, D810/D810A, D750, D7200, D7100*1

When the UT-1 is mounted on the camera's accessory shoe and connected to the camera with a USB cable, it enables high-speed transfer of image data from the camera to a PC and FTP server via wired LAN, and remote control of camera operation from a PC*2. Furthermore, it can be used over wireless LAN*3 when the unit is used in combination with the WT-5/A/B/C/D Wireless Transmitter*4.

*1 Firmware of UT-1 should be updated to version 1.1 or a later version.
*2 Camera Control Pro 2 (optional) is required.
*3 Based on IEEE802.11a/b/g/n.
*4 HTTP server mode and Synchronized release mode are available only with the D4 series.

WU-1a Wireless Mobile Adapter

for Df, D7100, D5200, D3300, D3200, Nikon 1 S2, COOLPIX A

WU-1b Wireless Mobile Adapter

for Nikon 1 J3/V2/S1/AW1*1

Images taken with the camera can be transmitted wirelessly to a Wi-Fi equipped smart device*2 such as smartphone or tablet. You can easily share images via social networking services (SNS), or attach them to emails. Also, its remote shooting function enables release of the camera's shutter using a smart device as a live view display, allowing a flexible shooting angle.
Compatible OSs: iOs and Android™ OS.

*1 When attached to Nikon 1 AW1, WU-1b is not waterproof or shockproof.
*2 Wireless Mobile Utility that can be downloaded from the Google Play Store is required.
• Google, Android and Google Play are registered trademarks or trademarks of Google Inc.

Wireless Remote Controllers

Further enhanced convenience using radio transmission

WR-R10

WR-T10

WR-A10

WR-R10/WR-T10 Wireless Remote Controllers

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, D3200, COOLPIX A

WR-R10/WR-T10 Wireless Remote Controllers expand the flexibility of remote control. Unlike remote controls using infrared light, it is possible to release the shutter even if there are obstacles such as a tree in the way. The communication distance for a combination of the WR-R10 with WR-T10 is approx. 20 m*1 and WR-R10 with WR-R10 is approx. 50 m*1. You can control a single or multiple cameras with the WR-R10 attached using the WR-T10 as a transmitter*2. With the WR-R10/WR-T10, you can enjoy a variety of shooting, such as attaching different lenses to the cameras, changing angles for each camera, or shooting still images and movies*3 simultaneously by switching channels.
WR-A10 Wireless Remote Adapter is required for attaching WR-R10 to an SLR camera with a ten-pin remote terminal. Also, WR-R10 can be used as a commander*4 of Radio-Controlled Advanced Wireless Lighting when used with D5/D850/D500 and SB-5000.

*1 Approximate range at height of about 1.2 m; varies with weather conditions and presence or absence of obstacles.
*2 WR-T10 and WR-R10(s) have to be set to the same channel and paired in advance to achieve simultaneous release.
*3 Movie recording is possible with the D5, D4 series, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, D3200 and COOLPIX A.
*4 Firmware update to the latest version is necessary.

WR-1 Wireless Remote Controller

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, D3200, COOLPIX A

The WR-1 can be attached to cameras with a ten-pin remote terminal or accessory terminal*1. This high-performance remote controller made it possible to release the shutter of the cameras with WR-1*2 or WR-R10*2 remotely from WR-1 or a master camera with WR-1/WR-T10. Utilizing radio waves, the communication range between WR-1 units is up to 120 m*3. By using WR-1, there are various remote shooting options, such as simultaneous release of shutters on several cameras, release of shutters on several cameras synchronized with a master camera that has a WR-1 attached*4, remote control of each group of camera separately, and Interval Timer Photography. Remote shooting with a combination of WR-R10/WR-T10*2 is available. When WR-1 is configured as a transmitter and another WR-1 or WR-R10*5 as a receiver, which is attached to the D5, D4S, D4*6, D850, Df, D810/D810A, D750, D500, D7500, D7200 or D7100, it is possible to view or change the camera settings using the display of the transmitter WR-1. Movie recording is also possible*7.

*1 WR-1 cannot be used by itself.
*2 This requires pairing the WR-1, WR-R10 and WR-T10 units in use. Maximum number of controllers that can be paired: 20 (WR-1) or 32 (WR-R10).
*3 Approximate range at height of about 1.2 m; varies with weather conditions and presence or absence of obstacles.
*4 Only a camera with a ten-pin remote terminal can be employed as a master camera in Synchronized Release. A camera with accessory terminal cannot be a master camera.
*5 Firmware of WR-R10 should be updated to version 2.0.0 or a later version.
*6 Firmware of camera should be updated to the latest version.
*7 Possible with D5, D4 series, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, COOLPIX A.

MC-38
Cable for cameras with accessory terminal

for WR-1 (supplied)

MC-37
Cable for cameras with ten-pin remote terminal

for WR-1 (supplied)

Viewing Attachment + Your Perspective

View with clarity and comfort

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

DR-5: for D5, D4 series, Df, D850, D810/D810A, D500
DR-6: for D750, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200

Provides an upright, un-reversed image for right-angle viewing. Excellent for copy stand work or when taking pictures close to the ground or around a corner. Individual eyesight adjustments are possible. The DR-5/DR-6 allows you to set the reproduction ratio to either 1:1 or 1:2.

DG-2 Eyepiece Magnifier

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200

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.

DK-18 Eyepiece Adapter

for D5, D4 series, Df, D850, D810/D810A, D500

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

DK-22 Eyepiece Adapter

for D750, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200

DK-27 Eyepiece Adapter

for D5

This supplied accessory of the D5 enables easy attaching/detaching. By preparing the adapter with a rain cover attached, you won't miss shutter opportunities even under adverse weather conditions.

DK-17M Magnifying Eyepiece

for D5, D4 series, Df, D850, D810/D810A, D500

Attached to a camera, the DK-17M magnifies the finder image approx. 1.2x. Diopter adjustment range is widened at both the (+) and (-) sides.

DK-21M Magnifying Eyepiece

for D750, D7500, D7200, D7100

The DK-21M magnifies the finder image by approx. 1.17x.

DK-20C Eyepiece Correction Lenses (-5 to +3 m^{-1})

for D750, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200

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

DK-17C Eyepiece Correction Lenses

for D5, D4 series, Df, D850, D810/D810A, D500

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

DK-17F Fluorine-Coated Finder Eyepiece

for D5, D4 series, Df, D850, D810/D810A, D500

The protective glass features an easy-to-clean fluorine coat on both surfaces.

DK-17A Antifog Finder Eyepiece

for D5, D4 series, Df, D850, D810/D810A, D500

A transparent plastic optical element with a special surface coating to reduce fogging.

DK-19 Rubber Eyecup

for D5, D4 series, Df, D810/D810A, D500

DK-20 Rubber Eyecup

for D5200, D3200

DK-21 Rubber Eyecup

for D750

DK-23 Rubber Eyecup

for D7200, D7100

DK-25 Rubber Eyecup

for D5600, D5500, D5300, D3400, D3300

DK-28 Rubber Eyecup

for D7500

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

Remote Cord + Long Exposure

Getting the most out of steady tripod shooting

MC-36/36A Remote Cord (0.85 m)

for D5, D4 series, D850, D810/D810A, D500

Enables remote firing of a camera, and setting of interval timer and long time exposure. Incorporates an illuminated LCD panel.

MC-30/30A Remote Cord (0.8 m)

for D5, D4 series, D850, D810/D810A, D500

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

MC-22/22A Remote Cord (1 m)

for D5, D4 series, D850, D810/D810A, D500

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

MC-21/21A Extension Cord (3 m)

for D5, D4 series, D850, D810/D810A, D500

For use with MC-22/22A/23/23A/25/25A/30/30A/36/36A or ML-3.

MC-23/23A Connecting Cord (0.4 m)

for D5, D4 series, D850, D810/D810A, D500

Connects two cameras for simultaneous or synchronized shutter release.

ML-3 Modulite Remote Control Set

for D5, D4 series, D850, D810/D810A, D500

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

MC-25/25A Adapter Cord (0.2 m)

for D5, D4 series, D850, D810/D810A, D500

Enables use of two-pin remote accessories: MC-4A Remote Cord and MC-12B Remote Cord.

MC-DC2 Remote Cord (1 m)

for Df, D750, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, D3200, COOLPIX A, GP-1A

Enables remote firing.

ML-L3 Remote Control

for D750, D7500, D7200, D7100, D5500, D5300, D5200, D3400, D3300, D3200, COOLPIX A, Nikon 1 J1/J2/V1/V2/V3

Enables wireless remote shutter release.

Other Accessories

Filters

Neutral Color NC Filters

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

Circular Polarizing Filters II

These filters enable shooting through glass windows and minimize glare from reflective surfaces such as water and glass. They also enhance the appearance of blue skies. Compatible with both color and monochrome photography. Available in sizes 52/58/62/67/72/77 mm.

Soft Focus Filters

Give your images a moderately soft and beautiful blur effect. Good for various shooting situations, such as portrait. Available in sizes 52/62/67/72/77 mm.

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 a diameter of 52 mm.

AF-3/AF-4 Gelatin Filter Holders

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

HDMI Cable

HC-E1 HDMI Cable

for D5, D4 series, Df, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3400, D3300, D3200, and Nikon 1 series/COOLPIX A with Type C mini-pin HDMI connector

Using the HC-E1, uncompressed movie data can be transferred to an HDMI-connected external recorder. The data can also be recorded simultaneously to an external memory card as a convenient backup.

Microphones

ME-1 Stereo Microphone

for D5, D4 series, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, D3200, Nikon 1 V1/V2/V3

The ME-1 incorporates a vibration reduction system that minimizes vibration noise during autofocus, ensuring a clearer recording. Also, the built-in low-cut filter reduces wind noise and other low-frequency noise not blocked by the wind screen. Weighs approx. 92 g (ME-1 only).

ME-W1 Wireless Microphone

for D5, D4 series, D850, D810/D810A, D750, D500, D7500, D7200, D7100, D5600, D5500, D5300, D5200, D3300, D3200, Nikon 1 V1/V2/V3

The ME-W1 enables recording of sounds as far away as approx. 50 m. Simultaneous recording from both the microphone and receiver is possible. Stereo sound input is achieved by attaching an ME-1 Stereo Microphone to the microphone unit. Two-way communication between a distant human subject and the photographer is also realized.

GPS Adapter Cord

MC-35 GPS Adapter Cord

for D5, D4 series, D810/D810A, D500

The MC-35 enables the camera 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.

Negative Digitizer

ES-2 Film Digitizing Adapter

for D850

The ES-2 enables quick, easy conversion of film to digital data. Set the optional Film Digitizing Adapter onto a lens such as the AF-S Micro NIKKOR 60mm f/2.8G ED attached to the D850, insert the film to be digitized in an FH-4 Strip Film Holder or FH-5 Slide Mount Holder, and shoot. The camera's digitizing function automatically reverses the colors and stores them as JPEG images.

Soft Shutter Release

AR-11 Soft Shutter Release

for Df

By screwing the AR-11 into the release socket on the shutter-release button of the Nikon Df, you can enjoy soft and vibration-free shutter release operation.

Close-up Accessories

PS-6 Slide Copying Adapter

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

BR-2A* Macro Adapter Ring

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

BR-3* Adapter Ring

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

PK-11A*/PK-12*/PK-13* Auto Extension Rings

Use one or multiple extension rings for further creative capabilities. An AI NIKKOR will retain automatic diaphragm and meter coupling functions, letting you compose, focus and meter at a wide-open apertures. The rings can also be used for manual exposure control (Exposure meter does not work with cameras that do not have an exposure meter coupling lever).

*G/E-type and PC lenses cannot be used.

System Compatibility

			D5	Df	D850	D810/D810A	D750	D500	D7500	D7200	D7100	D5600	D5500	D5300	D5200	D3400	D3300	D3200	Nikon 1 series
Flash																			
	Speedlights	SB-5000/SB-700/SB-500/ SB-300 SU-800/SB-R200	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Flash Accessories	SC-28/SC-29	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		AS-15					●			●	●	●	●	●	●	●	●	●	
Remote Control Accessories																			
		ML-3	●		●	●		●											
		MC-DC2		●			●		●	●	●	●	●	●	●		●	●	
		MC-21/21A/22/22A/23/23A/ 25/25A/30/30A/36/36A	●		●	●		●											
		ML-L3					●		●	●	●		●	●	●	●	●	●	● (J1/J2/V1/V2/V3)
Microphone																			
	Stereo Microphone	ME-1	●		●	●	●	●	●	●	●	●	●	●	●		●	●	● (V1/V2/V3) *1
	Wireless Microphone	ME-W1	●		●	●	●	●	●	●	●	●	●	●	●		●	●	● (V1/V2/V3)
Power Sources																			
	Batteries	EN-EL14a		●								●	●	●	●	●	●	●	
		EN-EL15/15a			●	●	●	●	●	●	●								● (V1)
		EN-EL18b/18a/18	●		●														
	Battery Chargers	MH-24		●								●	●	●	●	●	●	●	
		MH-25/25a			●	●	●	●		●	●								● (V1)
		MH-26a	●		●														
	Multi-Power Battery Packs	MB-D12				●													
		MB-D15								●	●								
		MB-D16					●												
		MB-D17						●											
		MB-D18			●														
	AC Adapters	EH-5c/5b*2		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	● (V1)
		EH-6b*3	●																
GPS Accessories																			
		MC-35	●			●		●											
Wireless Transmitters/Wireless Mobile Adapters																			
		WT-7/A/B/C			●	●	●	●		●									
		WT-6/A/B/C	●																
		WT-5/A/B/C/D	●			●*4	●*4			●*4	●*4								
		WU-1a		●							●				●		●	●	● (SZ)
		WU-1b																	● (J3/V2/S1/AW1)
		UT-1				●	●			●	●								
Wireless Remote Controllers																			
		WR-1	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	
		WR-R10/WR-T10	●*5	●	●*5	●*5	●	●*5	●	●	●	●	●	●	●		●	●	
HDMI Cable																			
		HC-E1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Negative Digitizer																			
	Film Digitizing Adapter	ES-2			●														
Viewing Attachments																			
		DR-5	●	●	●	●		●											
		DR-6					●		●	●	●	●	●	●	●	●	●	●	
	Adapters/ Eyepieces/ Eyecups	DG-2	●*6	●*6	●*6	●*6	●*7	●*6	●*7	●*7	●*7	●*7	●*7	●*7	●*7	●*7	●*7	●*7	
		DK-17A/DK-17C/DK-17F/DK-17M/ DK-18/DK-19	●	●	●	●		●											
		DK-22					●		●	●	●	●	●	●	●	●	●	●	
		DK-21M					●		●	●	●								
		DK-20C					●		●	●	●	●	●	●	●	●	●	●	
		DK-20													●			●	
		DK-21					●												
		DK-23								●	●								
		DK-25										●	●	●		●	●		
		DK-27	●																
		DK-28							●										
Body Caps																			
		BF-1B	●	●	●	●	●	●	●	●	●	●*7	●	●	●	●	●	●	
LCD Monitor Covers																			
		BM-12				●													
Camera Cases																			
		CF-DC8				●		●											
		CF-DC7										●	●	●		●	●		
		CF-DC6		●															
		CF-DC5		●			●												
		CF-DC4				●	●												
		CF-DC3								●	●								
		CF-DC2										●	●	●	●				
		CF-DC1														●	●	●	

*1 AS-N1000 Multi Accessory Port Adapter is required.
*2 When connecting the EH-5c/5b to the camera, EP-5A Power Connector (for Df, D5600, D5500, D5300, D5200, D3400, D3300, D3200) or EP-5B (for D850, D810/D810A, D750, D500, D7500, D7200, D7100, Nikon 1 V1, UT-1) is required.
*3 EP-6 Power Connector is required when connecting the EH-6b to the D5 and D4 series.
*4 Requires UT-1 Communication Unit.
*5 Requires WR-A10 Wireless Remote Adapter.
*6 DK-18 Eyepiece Adapter is required.
*7 DK-22 Eyepiece Adapter is required.

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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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