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Nikon

At the heart of the image



I AM YOUR EYES

NIKKOR

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See Through Different Eyes

Every photographer is unique. Whatever your ideas, experience or creative vision, there is a NIKKOR lens to draw out your potential. Each product in the lineup represents the pride and craftsmanship that only an optical manufacturer can understand, delivering a level of clarity and reliability that every passionate photographer can appreciate. How will you see the world? Let NIKKOR help.

NIKKOR
Capture more. Create more.

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WIDE-ANGLE ZOOM NIKKOR LENSES

This incredible range of wide-angle zooms delivers a broader depth of field, shorter working distances and more dramatic perspectives to your photography. With a variety of focal lengths and aperture combinations for every budget or camera, NIKKOR lenses deliver the clarity and detail your photography deserves. Try different viewpoints or get closer to subjects as you change the zoom range, and you'll soon discover a new approach to wide-angle photography.



© Dave Black



AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED

Unique viewpoints turn into dramatic perspectives

Ultra-wide-angle zoom lenses for dynamic perspectives

AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED DX



Explore the extremes of photography with the ultra-wide-angle coverage of this practical zoom lens. With the widest end of 10 mm covering a 109° angle of view, this lens delivers dramatic perspectives to give your photography a creative edge. Close-up shooting capability and minimized distortion also add to its appeal.

SWM ED AS M/A IF — 10 mm 109° / 24 mm 61°



Lens construction: 14 elements in 9 groups
Minimum focus distance: 0.24 m/0.8 ft (AF)
0.22 m/0.7 ft (MF)
Maximum reproduction ratio: 1/5x
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / Case CL-1118

AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED DX



A very popular choice for extreme wide-angle photography. The fixed aperture ensures consistent exposures across the zoom range. Perfect for shooting large building exteriors, narrow interiors and vast natural landscapes.

SWM ED AS M/A IF — 12 mm 99° / 24 mm 61°



Lens construction: 11 elements in 7 groups
Minimum focus distance: 0.3 m/1 ft
Maximum reproduction ratio: 1/8.3x
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / CL-S2 (optional)

■: Aspherical lens elements ■: ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

Sharp, ultra-wide-angle zoom with VR

AF-S NIKKOR 16-35mm f/4G ED VR



This versatile ultra-wide-angle zoom covers a remarkably broad range, with Vibration Reduction (VR) that provides an effect equivalent to 2.5 stops* to enable blur-free handheld images at slower shutter speeds in places such as interiors and night scenes. Ideal for travel and documentary work.

* Based on CIPA Standard. This value is achieved when attached to an FX-format digital SLR camera, with zoom set at the maximum telephoto position.

VR SWM N ED AS M/A IF — 16 mm 107° / 35 mm 63°



Lens construction: 17 elements in 12 groups
Minimum focus distance: 0.28 m/0.9 ft
Maximum reproduction ratio: 1/4x
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / Case CL-1120

An optical masterpiece: widest at 14mm with fixed f/2.8

AF-S NIKKOR 14-24mm f/2.8G ED



With a fixed maximum aperture of f/2.8, this award-winning professional lens delivers edge-to-edge sharpness across the frame. Nano Crystal Coat and ED glass ensure outstanding contrast, even in backlit conditions. Tough and reliable, this is essential glass for professional photographers everywhere.

SWM N ED AS M/A IF — 14 mm 114° / 24 mm 84°



Lens construction: 14 elements in 11 groups
Minimum focus distance: 0.28 m/0.92 ft (in 18-24 mm)
Maximum reproduction ratio: 1/6.7x
Filter-attachment size: Filter cannot be attached
Accessories: Built-in hood / Case CL-M3

AF-S NIKKOR 14-24mm f/2.8G ED © Fraser Harding



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AF-S NIKKOR 18-35mm f/3.5-4.5G ED © Toshiya Hagihara

Legendary professional wide-angle zoom lens

AF-S Zoom-Nikkor 17-35mm f/2.8D IF-ED



With a fixed maximum aperture of f/2.8, this lens covers the optimal range for wide-angle assignments. The glass produces clear and high-contrast images throughout the entire zoom range. A highly reliable professional lens.

SWM ED AS M/A IF

17 mm 104°
35 mm 62°



Lens construction: 13 elements in 10 groups
Minimum focus distance: 0.28 m/0.9 ft
Maximum reproduction ratio: 1/4.6x
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / Case CL-76

Compact and approachable wide-angle zoom lens

AF-S NIKKOR 18-35mm f/3.5-4.5G ED



While featuring 100° angle-of-view coverage at 18 mm, this compact and lightweight zoom gives you superb mobility. The optical system incorporates two ED glass elements and three aspherical lens elements in order to maximize the performance of high-pixel-count D-SLR cameras.

SWM ED AS M/A IF

18 mm 100°
35 mm 63°



Lens construction: 12 elements in 8 groups
Minimum focus distance: 0.28 m/0.9 ft
Maximum reproduction ratio: 1/5x
Filter-attachment size: 77 mm
Accessories: Hood HB-66 / Case CL-1118

: Aspherical lens elements : ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

NORMAL ZOOM NIKKOR LENSES

This remarkable line of lenses is designed to handle a variety of scenes and subject matter. Whichever versatile and portable lens you choose, from the compact and approachable to the refined and high-powered, normal zooms will become a vital part of your photography. Choose the lens that best suits your skill level and creative pursuits.



© Deborah Sandidge



AF-S DX NIKKOR 18-300mm f/3.5-5.6G ED VR

Make every photo opportunity come alive with dynamic zoom coverage

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Practical standard zoom with VR and remarkably wide coverage

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



The most balanced and versatile standard zoom lens for passionate DX-format camera users, with 5.3x zoom coverage that starts at an 83° angle of view at 16 mm. Incredible sharpness, compact body and Vibration Reduction (VR) with an effect equivalent to 3.5 stops* to ensure steadier shots and more photo opportunities – from daily snapshots to travel documentary work.

VR | SWM | ED | AS | M/A | IF — 16 mm 83° / 85 mm 18°50'



Lens construction: 17 elements in 11 groups
Minimum focus distance: 0.38 m/1.3 ft
Maximum reproduction ratio: 1/4.6x
Filter-attachment size: 67 mm
Accessories: Hood HB-39 / Case CL-1015

Fast f/2.8 standard zoom lens delivering exceptional image quality

AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED DX



This is the DX lens for both stunning sharpness and beautiful bokeh. Its fine resolution delivers exceptional image rendering – from close subjects all the way to infinity – to satisfy professionals on assignment as well as aspiring high-end photographers who value image quality.

SWM | ED | AS | M/A | IF — 17 mm 79° / 55 mm 28°50'



Lens construction: 14 elements in 10 groups
Minimum focus distance: 0.36 m/1.2 ft (at 35 mm)
Maximum reproduction ratio: 1/5x
Filter-attachment size: 77 mm
Accessories: Hood HB-31 / Case CL-1120

Approachable standard zooms with NIKKOR quality

AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR DX



With its significant resolving power and Vibration Reduction (VR) that provides an effect equivalent to 3.5 stops*, this lens achieves clear images easily. Remarkably light, despite featuring VR, and it captures fantastic close-up shots at a 0.28 m/0.9 ft focus distance.

VR | SWM | AS | A-M — 18 mm 76° / 55 mm 28°50'



Lens construction: 11 elements in 8 groups
Minimum focus distance: 0.28 m/0.9 ft
Maximum reproduction ratio: 1/3.2x (at 55 mm)
Filter-attachment size: 52 mm
Accessories: Hood HB-45 (optional) / Case CL-0815 (optional)

AF-S DX Zoom-Nikkor 18-55mm f/3.5-5.6G ED II DX



Weighing only 205 g/7.2 oz, this light and compact standard zoom lens offers clear, high-contrast pictures and approx. 3.1x zoom capability. It also enables you to shoot close-up photographs with its significantly short focus distance of 0.28 m/0.9 ft.

SWM | ED | AS | A-M — 18 mm 76° / 55 mm 28°50'



Lens construction: 7 elements in 5 groups
Minimum focus distance: 0.28 m/0.9 ft
Maximum reproduction ratio: 1/3.2x (at 55 mm)
Filter-attachment size: 52 mm
Accessories: Hood HB-45 (optional) / Case CL-0815 (optional)

AF-S DX NIKKOR 18-105mm f/3.5-5.6G ED VR DX



A great choice when you want a little more telephoto reach. This powerful, approx. 5.8x standard zoom lens makes it possible to shoot most subject matter with just one lens. Vibration Reduction (VR) with an effect equivalent to 3.5 stops* helps you achieve steadier shots during low-light and telephoto shooting.

VR | SWM | ED | AS | A-M | IF — 18 mm 76° / 105 mm 15°20'



Lens construction: 15 elements in 11 groups
Minimum focus distance: 0.45 m/1.5 ft
Maximum reproduction ratio: 1/5x
Filter-attachment size: 67 mm
Accessories: Hood HB-32 / Case CL-1018



AF-S DX NIKKOR 18-140mm f/3.5-5.6G ED VR © Deborah Sandidge

High-powered zoom with VR for DX photographers

AF-S DX NIKKOR 18-140mm f/3.5-5.6G ED VR DX



The powerful, approx. 7.8x zoom of this lens covers a wide focal-length range from wide-angle to telephoto. Superb optical performance achieves high-definition images when combined with high-pixel-count cameras. Vibration Reduction (VR) that provides an effect equivalent to 4.0 stops* effectively compensates camera shake. This lens is deal for capturing diverse scenes of everyday life or during travel with a single lens.

VR | SWM | ED | AS | A-M | IF — 18 mm 76° / 140 mm 11°30'



Lens construction: 17 elements in 12 groups
Minimum focus distance: 0.45 m/1.48 ft
Maximum reproduction ratio: 1/4.3x
Filter-attachment size: 67 mm
Accessories: Hood HB-32 (optional) / Case CL-1018 (optional)

Incredibly reliable, highly balanced standard zoom lens

AF-S NIKKOR 24-70mm f/2.8G ED



With a fixed aperture of f/2.8, the NIKKOR glass in this lens provides both fine resolution and natural representation. In addition, the Nano Crystal Coat helps effectively reduce ghost and flare effects under harsh lighting. Praised for its reliability and overall image quality, this is a long-time favorite of passionate professionals.

SWM | N | ED | AS | M/A | IF — 24 mm 84° / 70 mm 34°20'



Lens construction: 15 elements in 11 groups
Minimum focus distance: 0.38 m/1.2 ft (in 35-50 mm)
Maximum reproduction ratio: 1/3.7x
Filter-attachment size: 77 mm
Accessories: Hood HB-40 / Case CL-M3

■ : Aspherical lens elements ■ : ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position.

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Sharp and approachable standard zoom lenses

AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR



An excellent compact standard-use lens that works well with agile FX-format cameras. Covering the most frequently used zoom range, this versatile lens can handle a wide range of subject matter, including landscapes, interiors, portraits and candids. The Vibration Reduction (VR) with an effect equivalent to 4.0 stops* enhances your handheld capability, opening up many new lowlight opportunities.

VR SWM ED AS M/A IF — 24 mm 84° / 85 mm 28°30'



Lens construction: 16 elements in 11 groups
Minimum focus distance: 0.38 m/1.25 ft
Maximum reproduction ratio: 1/4.5x
Filter-attachment size: 72 mm
Accessories: Hood HB-63 / Case CL-1118

AF Zoom-Nikkor 24-85mm f/2.8-4D IF



Covering the most frequently used zoom range, this lens offers a great balance of fine resolution and smooth tonal gradation. AF macro shooting up to 1/2x is another great advantage.

AS IF — 24 mm 84° / 85 mm 28°30'



Lens construction: 15 elements in 11 groups
Minimum focus distance: 0.5 m/1.6 ft (0.21 m/0.7 ft in macro)
Maximum reproduction ratio: 1/5.9x (1/2x in macro)
Filter-attachment size: 72 mm
Accessories: Hood HB-25 / Case CL-S2 (optional)

AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR © Steve Simon



Practical standard zoom lens with VR and Nano Crystal Coat

AF-S NIKKOR 24-120mm f/4G ED VR



This versatile 5x zoom lens delivers stunning image quality at any aperture or focal length, while the Nano Crystal Coat reduces ghost and flare effects. The lens body is impressively slim and compact, despite having built-in Vibration Reduction (VR) that provides an effect equivalent to 3.5 stops*. A standard zoom lens of exceptional utility and value for FX-format users.

VR SWM N ED AS M/A IF — 24 mm 84° / 120 mm 20°20'



Lens construction: 17 elements in 13 groups
Minimum focus distance: 0.45 m/1.5 ft
Maximum reproduction ratio: 1/4.2x
Filter-attachment size: 77 mm
Accessories: Hood HB-53 / Case CL-1218

■: Aspherical lens elements ■: ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position.

High-powered zooms with VR for DX photographers

AF-S DX NIKKOR 18-300mm f/3.5-5.6G ED VR DX



Despite having an unprecedented approx. 16.7x zoom capability, this lens offers consistent image quality throughout its broad range. You can even shoot handheld at 300 mm super-telephoto, thanks to built-in Vibration Reduction (VR) with an effect equivalent to 3.5 stops*. Experience a truly all-around performance lens that is ideal for travel and events.

VR SWM ED AS M/A IF — 18 mm 76° / 300 mm 5°20'



Lens construction: 19 elements in 14 groups
Minimum focus distance: 0.45 m/1.48 ft (at 300 mm)
Maximum reproduction ratio: 1/3.2x
Filter-attachment size: 77 mm
Accessories: Hood HB-58 / Case CL-1120

AF-S DX NIKKOR 18-200mm f/3.5-5.6G ED VR II DX



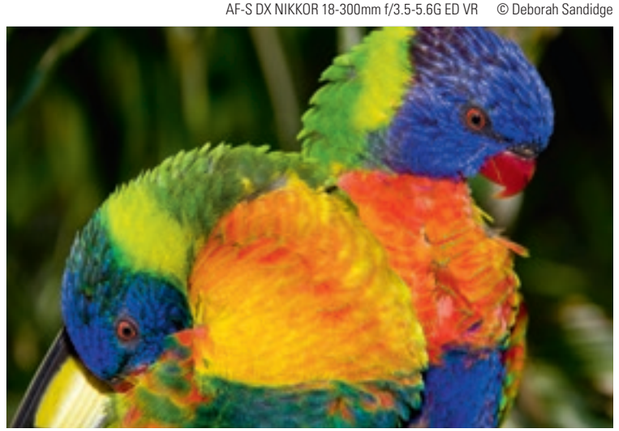
One lens for every opportunity. This incredibly versatile lens has a dynamic zoom coverage of approx. 11x from the widest 76° to the maximum telephoto 8°. Then there is also Vibration Reduction (VR) with an effect equivalent to 3.5 stops* for even more potential. Perfect when you need to travel light.

VR SWM ED AS M/A IF — 18 mm 76° / 200 mm 8°



Lens construction: 16 elements in 12 groups
Minimum focus distance: 0.5 m/1.6 ft
Maximum reproduction ratio: 1/4.5x
Filter-attachment size: 72 mm
Accessories: Hood HB-35 / Case CL-1018

AF-S DX NIKKOR 18-300mm f/3.5-5.6G ED VR © Deborah Sandidge



Versatile, high-powered 11x zoom with VR

AF-S NIKKOR 28-300mm f/3.5-5.6G ED VR



A powerful zoom lens optimized for FX-format cameras. This lens offers outstanding sharpness for such a broad zoom range while maintaining an f/5.6 aperture at the telephoto end. Built-in Vibration Reduction (VR) compensates camera shake for up to 3.5 stops*. A remarkably versatile zoom lens best suited for travel and other outdoor applications.

VR SWM ED AS M/A IF — 28 mm 75° / 300 mm 8°10'



Lens construction: 19 elements in 14 groups
Minimum focus distance: 0.5 m/1.6 ft
Maximum reproduction ratio: 1/3.1x
Filter-attachment size: 77 mm
Accessories: Hood HB-50 / Case CL-1120

AF-S DX NIKKOR 28-300mm f/3.5-5.6G ED VR © Bob Krist



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TELEPHOTO ZOOM NIKKOR LENSES

One telephoto zoom lens can drastically broaden your creative and compositional potential. With their longer focal lengths, relatively shallow depths of field and dramatic telephoto compression effect, you can capture a wide array of subjects in ways few lenses can. In addition, many of these lenses come with Vibration Reduction (VR) to control camera shake, so you can expect sharper shots of your telephoto subjects.



© Corey Rich



AF-S NIKKOR 70-200mm f/4G ED VR

Nail the decisive moment and capture the action from a distance



AF-S DX NIKKOR 55-300mm f/4.5-5.6G ED VR © Yoshitsugu Enomoto

Compact design with convenient telephoto range

AF-S DX VR Zoom-Nikkor 55-200mm f/4-5.6G IF-ED DX



Vibration Reduction (VR) with an effect equivalent to 3.0 stops* significantly reduces camera shake throughout the entire focal length, making sharp telephoto shots substantially easier. An ideal lens for sports, people and school events, this lens provides clear images with less blur.

VR SWM ED A-M IF — 55 mm 28°50' / 200 mm 8°



Lens construction: 15 elements in 11 groups
Minimum focus distance: 1.1 m/3.6 ft
Maximum reproduction ratio: 1/4.4x
Filter-attachment size: 52 mm
Accessories: Hood HB-37 / Case CL-0918

Approachable zoom for sharp super-telephoto shooting

AF-S DX NIKKOR 55-300mm f/4.5-5.6G ED VR DX



This practical zoom lens allows DX users to reach 300 mm super-telephoto and make sharper shots with ease, thanks to built-in Vibration Reduction (VR) that provides an effect equivalent to 3.0 stops*. In addition, the new HRI (High Refractive Index) lens – a first for the NIKKOR lineup – achieves clear, high-contrast images at every aperture and focal length, and contributes to making the lens body compact. Ideal for travel and events.

VR SWM ED HRI A-M — 55 mm 28°50' / 300 mm 5°20'



Lens construction: 17 elements in 11 groups
Minimum focus distance: 1.4 m/4.59 ft
Maximum reproduction ratio: 1/3.6x
Filter-attachment size: 58 mm
Accessories: Hood HB-57 / Case CL-1020

■ : ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position.

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Significantly refined: a pro's essential telephoto zoom lenses

AF-S NIKKOR 70-200mm f/2.8G ED VR II



The most reliable and essential f/2.8 fixed aperture telephoto zoom lens has now been reborn with a number of significant improvements. Optimized for FX-format cameras, the resulting images deliver stunning detail and contrast across the entire frame when taken at any focus point or aperture. What's more, the lens comes equipped with enhanced AF performance, Vibration Reduction (VR) with an effect equivalent to 3.5 stops* and Nano Crystal Coat to reduce ghost and flare effects, broadening your shooting potential and giving photographers added confidence when shooting in difficult situations.

VR | SWM | N | ED | M/A | A/M | IF

70 mm 34°20'
200 mm 12°20'



Lens construction: 21 elements in 16 groups
Minimum focus distance: 1.4 m/4.6 ft
Maximum reproduction ratio: 1/8.6x
Filter-attachment size: 77 mm
Accessories: Hood HB-48 / Case CL-M2

AF-S NIKKOR 70-200mm f/4G ED VR



This carry-anywhere telephoto zoom lens is useful across a wide general range of shooting scenarios such as sports and snapshots. Its Nano Crystal Coat effectively reduces ghost and flare while its high-performance Vibration Reduction (VR) minimizes the effects of camera shake, allowing you to shoot at a shutter speed approximately 4.0 stops* faster. Close-up capability is an added advantage.

VR | SWM | N | ED | HRI | A/M | IF

70 mm 34°20'
200 mm 12°20'



Lens construction: 20 elements in 14 groups
Minimum focus distance: 1.0 m/3.28 ft
Maximum reproduction ratio: 0.274x
Filter-attachment size: 67 mm
Accessories: Hood HB-60 / Case CL-1225 / Tripod Collar Ring RT-1 (optional)

Compact and accessible telephoto zoom with a powerful 300 mm reach

AF-S VR Zoom-Nikkor 70-300mm f/4.5-5.6G IF-ED



Whether you shoot in DX format or FX format, this small and portable zoom offers impressive versatility with a fairly long focal length of 300 mm. Its approx. 4.3x zoom range and Vibration Reduction (VR) with an effect equivalent to 2.5 stops* add to its utility for most telephoto shooting opportunities. The specialized NIKKOR glass produces clear, high-contrast images with less chromatic aberration.

VR | SWM | ED | M/A | IF

70 mm 34°20'
300 mm 8°10'



Lens construction: 17 elements in 12 groups
Minimum focus distance: 1.5 m/4.9 ft
Maximum reproduction ratio: 1/4x
Filter-attachment size: 67 mm
Accessories: Hood HB-36 / Case CL-1022

Fixed aperture f/2.8 with great optics and beautiful bokeh

AF Zoom-Nikkor 80-200mm f/2.8D ED



This high-performance zoom has a fixed f/2.8 aperture throughout the zoom range, giving your telephoto shots a beautiful background bokeh. Expect remarkable image reproduction in the fine details, even when shooting wide-open. AF close-up shooting is also possible, letting you focus and shoot from 1.5 m/4.9 ft.

ED | A-M

80 mm 30°10'
200 mm 12°20'



Lens construction: 16 elements in 11 groups
Minimum focus distance: 1.8 m / 6 ft (1.5 m / 4.9 ft in macro)
Maximum reproduction ratio: 1/7.1x (1/5.9x in macro)
Filter-attachment size: 77 mm
Accessories: Hood HB-7 (optional) / Case CL-43A

AF-S NIKKOR 70-200mm f/4G ED VR © Corey Rich





AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR © Edwin Giesbers

Long-range, VR-enabled 400 mm zoom lens

AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR



This 5x telephoto zoom is ideal for shooting sports, wild birds, aircraft and landscapes. Its superior optical performance is due in part to its one Super ED and four ED glass elements, as well as its Nano Crystal Coat. Vibration Reduction (VR) is integrated to offer an effect equivalent to a shutter speed 4.0 stops* faster.

VR | SWM | N | ED | M/A | A/M | IF

80 mm 30°10'
400 mm 6°10'



Lens construction: 20 elements in 12 groups
Minimum focus distance: 1.75 m/5.74 ft (AF); 1.5 m/4.92 ft (MF)
Maximum reproduction ratio: 1/5.7 (AF); 1/5.1 (MF)
Filter-attachment size: 77 mm
Accessories: Hood HB-65 / Case CL-M2

Top-of-the-line, super-telephoto zoom for crucial assignments

AF-S NIKKOR 200-400mm f/4G ED VR II



This zoom range 200-400 mm lens has a fixed aperture of f/4 and is a NIKKOR-exclusive quality lens. Ideal for photographers who need to keep their gear to a minimum while on super-telephoto assignments that require stunning image quality. Nano Crystal Coat and Vibration Reduction (VR) with an effect equivalent to 3.0 stops* offer added capability, contributing to sharper images under demanding conditions.

VR | SWM | N | ED | M/A | A/M | IF

200 mm 12°20'
400 mm 6°10'



Lens construction: 24 elements in 17 groups
Minimum focus distance: 2 m/6.6 ft (AF); 1.95 m/6.4 ft (MF)
Maximum reproduction ratio: 1/3.7x (AF); 1/3.6x (MF)
Filter-attachment size: 52 mm
Accessories: Hood HK-30 / Case CL-L2

: ED glass elements : Super ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position.

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FIXED FOCAL-LENGTH NIKKOR LENSES

Fixed focal-length lenses not only offer stunning sharpness. This approachable lineup of fast aperture lenses also gives photographers an easy way to shoot beautiful background bokeh and get a broader range of shooting opportunities in low light. From the 14 mm ultra-wide-angle to the 600 mm super-telephoto, the NIKKOR fixed focal-length lineup gives your images a distinct personality.



© Steve Simon



AF-S NIKKOR 85mm f/1.8G

Achieve both supreme sharpness and beautiful bokeh

Dynamic perspectives achieved by ultra-wide angle

AF Nikkor 14mm f/2.8D ED



At 14 mm, this lens covers an extremely wide 114° angle of view, capturing a remarkably broad expanse with an exaggerated perspective, making it ideal for shooting large buildings, narrow indoor spaces or vast nature.

ED AS A-M RF 114°



Lens construction: 14 elements in 12 groups
Minimum focus distance: 0.2 m/0.66 ft
Maximum reproduction ratio: 1/6.7x
Filter-attachment size: Rear-attachment type
Accessories: Built-in hood / Case CL-S2

AF Nikkor 20mm f/2.8D



With both a dynamic perspective and a great depth of field, this 20 mm lens gives you edge-to-edge sharpness and less distortion when shooting interiors, landscapes and more. Superb optics and compact design (approx. 270 g/9.5 oz).

CRC 94°



Lens construction: 12 elements in 9 groups
Minimum focus distance: 0.25 m/0.85 ft
Maximum reproduction ratio: 1/8.3x
Filter-attachment size: 62 mm
Accessories: Hood HB-4 (optional) / Case CL-S2 (optional)

Superb optics with fast f/1.4 for amazing bokeh

AF-S NIKKOR 24mm f/1.4G ED



The greatest advantage of this versatile wide-angle lens is its amazingly beautiful bokeh at f/1.4 while covering an 84° angle of view. Its optical design now reveals more refined detail with even less aberration. In addition, Nano Crystal Coat effectively reduces ghost and flare effects in harsh lighting. Perfect for landscapes, architecture and environmental portraits, as well as any low-light shooting situation.

SWM N ED AS M/A RF 84°

Lens construction: 12 elements in 10 groups
Minimum focus distance: 0.25 m/0.82 ft
Maximum reproduction ratio: 1/5.6x
Filter-attachment size: 77 mm
Accessories: Hood HB-51 / Case CL-1118

Fast f/1.8 wide-angle lens with exquisite sharpness and quality bokeh

AF-S NIKKOR 28mm f/1.8G



Shooting with f/1.8 at 28 mm offers a unique look by rendering a shallow depth-of-field across wide expanses. This lens is designed to take full advantage of the latest high-megapixel cameras by delivering stunning sharpness and clarity. Its Nano Crystal Coat reduces ghost and flare effects to enhance its image quality even further. This compact, high-performance lens is an excellent choice for a wide range of subject matter, such as environmental portraits, landscapes, interiors and candid shots.

SWM N AS M/A RF 75°



Lens construction: 11 elements in 9 groups
Minimum focus distance: 0.25 m/0.82 ft
Maximum reproduction ratio: 1/4.6x
Filter-attachment size: 67 mm
Accessories: Hood HB-64 / Case CL-0915

: Aspherical lens elements : ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

Standard wide-angle lenses for general purpose

AF Nikkor 24mm f/2.8D



Compact and approachable, this wide-angle lens provides sharp images with a great perspective. Ideal for landscapes, travel, environmental portraits and more.

CRC 84°



Lens construction: 9 elements in 9 groups
Minimum focus distance: 0.3 m/1 ft
Maximum reproduction ratio: 1/8.9x
Filter-attachment size: 52 mm
Accessories: Hood HN-1 (optional) / Case CL-0715 (optional)

AF Nikkor 28mm f/2.8D



This light, compact and convenient wide-angle lens allows you to get as close as 0.25 m/0.85 ft with a natural perspective. A great lens for nearly any wide-angle subject matter.

74°



Lens construction: 6 elements in 6 groups
Minimum focus distance: 0.25 m/0.85 ft
Maximum reproduction ratio: 1/5.6x
Filter-attachment size: 52 mm
Accessories: Hood HN-2 (optional) / Case CL-0715 (optional)

AF-S NIKKOR 28mm f/1.8G © Steve Simon



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AF-S NIKKOR 35mm f/1.4G ©Toshiya Hagihara

Wide-angle f/1.4 prime with stunning clarity

AF-S NIKKOR 35mm f/1.4G



The legendary manual-focus Nikkor 35mm f/1.4 has now been upgraded to an AF-S lens with the latest digital technology. This lens achieves a remarkable level of coma aberration correction in order to deliver stunning images, even at a wide-open aperture. Nano Crystal Coat drastically reduces ghost and flare effects when shooting wide-angle, where the possibility of these effects can increase. A great choice for nature, landscape, night scenes and astrophotography.

SWM N AS M/A A-M RF 63°



Lens construction: 10 elements in 7 groups
Minimum focus distance: 0.3 m/0.98 ft
Maximum reproduction ratio: 1/5x
Filter-attachment size: 67 mm
Accessories: Hood HB-59 / Case CL-1118

Strikingly crisp, f/1.8 prime for DX users

AF-S DX NIKKOR 35mm f/1.8G DX



Optimized for DX-format cameras, this lens delivers both the superb sharpness and smooth bokeh you expect from a prime lens, making it particularly suited for portraits. The fast aperture ensures more photo opportunities in low light.

SWM AS M/A RF 44°



Lens construction: 8 elements in 6 groups
Minimum focus distance: 0.3 m/0.98 ft
Maximum reproduction ratio: 1/6.1x
Filter-attachment size: 52 mm
Accessories: Hood HB-46 / Case CL-0913

Fast and highly practical wide-angle lens

AF Nikkor 35mm f/2D



A fast f/2 aperture makes it easier to shoot in low light, giving you sharp and high-contrast images from infinity to up-close. A great choice for landscapes and environmental portraits with either deep-focus or beautiful background bokeh.

62°



Lens construction: 6 elements in 5 groups
Minimum focus distance: 0.25 m/0.85 ft
Maximum reproduction ratio: 1/4.2x
Filter-attachment size: 52 mm
Accessories: Hood HN-3 (optional) / Case CL-0715 (optional)

Ultra-fast f/1.4 for exquisite sharpness and bokeh

AF-S NIKKOR 50mm f/1.4G



Expect outstanding image quality, edge-to-edge sharpness and high contrast at any aperture or focus distance. An ultra-fast f/1.4 maximum aperture not only creates attractive bokeh with its rounded 9-blade diaphragm, but also offers great low-light performance. Ideal for portraits, landscapes, travel and more.

SWM M/A 46°



Lens construction: 8 elements in 7 groups
Minimum focus distance: 0.45 m/1.5 ft
Maximum reproduction ratio: 1/6.8x
Filter-attachment size: 58 mm
Accessories: Hood HB-47 / Case CL-1013

AF Nikkor 50mm f/1.4D

This lens offers quality optics and an ultra-fast f/1.4 maximum aperture, delivering superb resolution and color reproduction. An approachable standard lens for both fine detail and stunning bokeh imagery.

46°



Lens construction: 7 elements in 6 groups
Minimum focus distance: 0.45 m/1.5 ft
Maximum reproduction ratio: 1/6.8x
Filter-attachment size: 52 mm
Accessories: Hood HR-2 (optional) / Case CL-0715 (optional)

■: Aspherical lens elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

Strikingly crisp, compact and approachable primes

AF-S NIKKOR 50mm f/1.8G



Remarkably light and compact body considering the fast f/1.8 maximum aperture and built-in SWM that enables smooth AF. This lens features a newly designed optical system including an aspherical lens element, offering stunning sharpness and quality bokeh. A great choice for portraits, still-life shots, low-light scenes and more.

SWM AS M/A 47°



Lens construction: 7 elements in 6 groups
Minimum focus distance: 0.45 m/1.48 ft
Maximum reproduction ratio: 1/6.7x
Filter-attachment size: 58 mm
Accessories: Hood HB-47 / Case CL-1013

AF Nikkor 50mm f/1.8D

Offering natural image rendering and exceptional sharpness, this extremely compact and lightweight lens weighs approx. 155 g/5.5 oz, making it a convenient carry-around lens for nearly any shooting opportunity.

46°



Lens construction: 6 elements in 5 groups
Minimum focus distance: 0.45 m/1.5 ft
Maximum reproduction ratio: 1/6.6x
Filter-attachment size: 52 mm
Accessories: Hood HR-2 (optional) / Case CL-0715 (optional)

AF-S NIKKOR 50mm f/1.8G ©Deborah Sandidge



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AF-S NIKKOR 58mm f/1.4G © Hideyuki Motegi

Fast normal lens with overwhelming rendering performance

AF-S NIKKOR 58mm f/1.4G



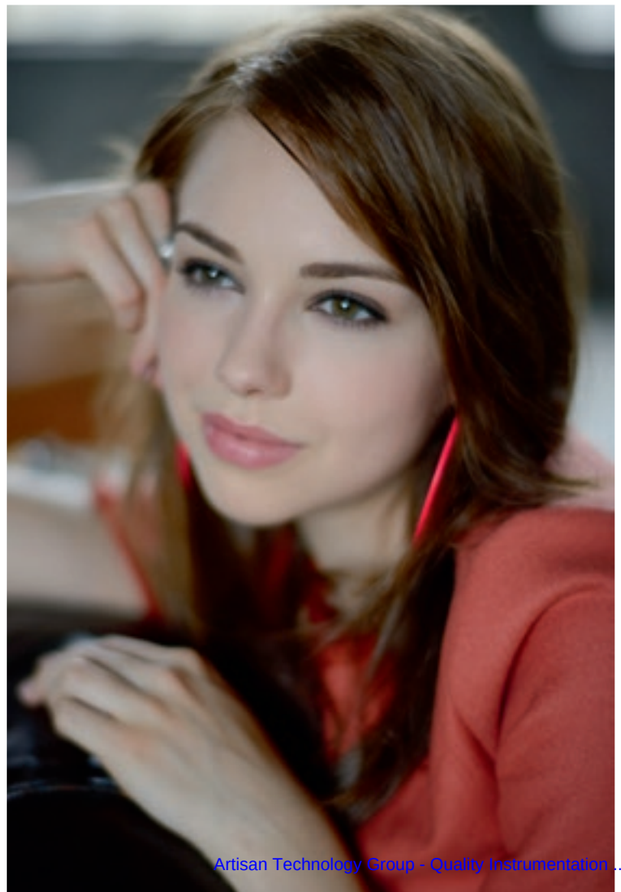
This prime lens achieves impressive scene description with high resolution and smooth, beautiful bokeh. Despite the fast aperture, sharp, high-contrast images of distant subjects can be captured even at the maximum aperture. Point light sources located at infinity can be finely reproduced as point images even with the aperture set at the maximum. In addition, elaborately designed bokeh characteristics depict subjects attractively, resulting in images with natural depth. Superior rendering capability that realizes two contradictory factors enables new photographic creativity. With all these advantages, this lens is a very individual addition to the NIKKOR lineup.

SWM N AS M/A 40°50'



Lens construction: 9 elements in 6 groups
Minimum focus distance: 0.58 m/1.90 ft
Maximum reproduction ratio: 1/8x
Filter-attachment size: 72 mm
Accessories: Hood HB-68 / Case CL-1015

AF-S NIKKOR 58mm f/1.4G © Hideyuki Motegi



Medium-range telephoto lenses optimal for portraits

AF-S NIKKOR 85mm f/1.4G



Employing a re-designed optical system incorporating Nano Crystal Coat, this lens inherits an ultra-fast f/1.4 and a rounded nine-blade diaphragm for stunning bokeh. In addition, the newly developed MF driving mechanism reduces focus time lag and enables smooth operation in M/A mode. Expect incredibly crisp yet natural image rendering for portraits, whether for studio work or other commercial shoots outdoors.

SWM N M/A IF 28°30'



Lens construction: 10 elements in 9 groups
Minimum focus distance: 0.85 m/2.79 ft
Maximum reproduction ratio: 1/8.3x
Filter-attachment size: 77 mm
Accessories: Hood HB-55 / Case CL-1118

AF Nikkor 85mm f/1.4D IF



Well-known for achieving great portraits, this lens delivers incredibly sharp and natural image reproduction. Its fast f/1.4 ensures a bright viewfinder and beautiful bokeh from its rounded diaphragm. Perfect for portraits, but also excellent for theater work, close-range sports or any medium-telephoto subjects.

A-M IF 28°30'



Lens construction: 9 elements in 8 groups
Minimum focus distance: 0.85 m/2.8 ft
Maximum reproduction ratio: 1/8.8x
Filter-attachment size: 77 mm
Accessories: Hood HN-31 / Case CL-0915 (optional)

AF-S NIKKOR 85mm f/1.8G



An approachable portrait prime lens for FX and DX photographers alike. With its fast f/1.8 aperture and a new optical design, this lens delivers both stunning details and quality bokeh from a surprisingly light and compact body. Moreover, its Silent Wave Motor (SWM) offers quieter and smoother AF. Not just for portraits – try this with a variety of subjects and situations.

SWM M/A IF 28°30'



Lens construction: 9 elements in 9 groups
Minimum focus distance: 0.8 m/2.62 ft
Maximum reproduction ratio: 1/8.1x
Filter-attachment size: 67 mm
Accessories: Hood HB-62 / Case CL-1015

DC lenses allowing creative focus control

AF DC-Nikkor 105mm f/2D



DC (Defocus Image Control) allows you to control the degree of soft focus in the foreground or background of an image. With a focal length of 105 mm and a fast f/2 maximum aperture, it performs well as a portrait lens with sharpness and excellent bokeh.

A-M RF 23° 20'



Lens construction: 6 elements in 6 groups
(plus one protective lens)
Minimum focus distance: 0.9 m/3 ft
Maximum reproduction ratio: 1/7.7x
Filter-attachment size: 72 mm
Accessories: Built-in hood / Case CL-38 (optional)

AF DC-Nikkor 135mm f/2D



Using the same DC (Defocus Image Control) employed in the 105mm f/2D, the 135 mm focal length offers more telephoto reach, making it ideal for tight portraits while providing opportunities to shoot with a shallow depth of field or under low light.

A-M RF 18°

Lens construction: 7 elements in 6 groups
(plus one protective lens)
Minimum focus distance: 1.1 m/4 ft
Maximum reproduction ratio: 1/7.1x
Filter-attachment size: 72 mm
Accessories: Built-in hood / Case CL-38 (optional)

High-performance medium telephoto with ED glass

AF Nikkor 180mm f/2.8D IF-ED



Remarkably compact and easy to handle for a fast medium telephoto, this lens utilizes NIKKOR's renowned ED glass to compensate for chromatic aberration and deliver high-contrast clear images, even at the maximum aperture of f/2.8. A favorite of astronomical photographers, the lens is also well-suited for close portraits, short-range sports, theater photography and more.

ED A-M IF 13°40'



Lens construction: 8 elements in 6 groups
Minimum focus distance: 1.5 m/5 ft
Maximum reproduction ratio: 1/6.6x
Filter-attachment size: 72 mm
Accessories: Built-in hood / Case CL-38

: Aspherical lens elements : ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

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Crystal-clear, amazingly fast telephoto with VR

AF-S NIKKOR 200mm f/2G ED VR II



Trusted by countless professionals, this telephoto prime lens has captured many significant moments in sports, theater and studio portraiture. ED glass elements – including one Super ED glass – compensate for chromatic aberration, plus Nano Crystal Coat ensures clarity in demanding light. Vibration Reduction (VR) with an effect equivalent to 3.0 stops* and a fast f/2 aperture broaden creative potential.

VR SWM ED N M/A A/M IF 12°20'



Lens construction: 13 elements in 9 groups
Minimum focus distance: 1.9 m/6.2 ft
Maximum reproduction ratio: 1/8.1x
Filter-attachment size: 52 mm
Accessories: Hood HK-31 / Case CL-L1

The most renowned professional telephoto prime

AF-S NIKKOR 300mm f/2.8G ED VR II



This highly regarded professional super-telephoto lens is now reborn with Vibration Reduction (VR) to enable handheld shooting at up to 3.0 stops* slower. The Nano Crystal Coat reduces ghost and flare effects, helping to create stunningly crisp, clear images. The best choice for indoor and action sports.

VR SWM N ED M/A A/M IF 8°10'



Lens construction: 11 elements in 8 groups
(plus one Meniscus Protective Lens)
Minimum focus distance: 2.3 m/7.5 ft (AF) ; 2.2 m/7.2 ft (MF)
Maximum reproduction ratio: 1/6.4x (AF) ; 1/6.1x (MF)
Filter-attachment size: 52 mm
Accessories: Hood HK-30 / Case CL-L1

Approachable, easy-to-handle telephoto lens

AF-S Nikkor 300mm f/4D IF-ED



Offering an excellent balance between size and image quality, this lens realizes great sharpness, making it an ideal super-telephoto lens for sports, wildlife or travel applications. Also handles closer subjects incredibly well.

SWM ED M/A IF 8°10'



Lens construction: 10 elements in 6 groups
Minimum focus distance: 1.45 m/4.8 ft
Maximum reproduction ratio: 1/3.7x
Filter-attachment size: 77 mm
Accessories: Hood (fixed to the lens) / Case CL-M2

Professional super-telephoto lineup with VR and Nano Crystal Coat

AF-S NIKKOR 400mm f/2.8G ED VR



With a fast f/2.8, Vibration Reduction (VR) providing an effect equivalent to 3.0 stops*, and Nano Crystal Coat, this lens delivers incredibly sharp images and beautiful bokeh in demanding conditions. The light and durable magnesium die-cast barrel means pro-level reliability, and its versatility makes it ideal for any super-telephoto opportunity.

VR SWM N ED M/A A/M IF 6°10'



Lens construction: 14 elements in 11 groups
(plus one Meniscus Protective Lens)
Minimum focus distance: 2.9 m/9.5 ft (AF) ; 2.8 m/9.2 ft (MF)
Maximum reproduction ratio: 1/6.3x (AF) ; 1/6.1x (MF)
Filter-attachment size: 52 mm
Accessories: Hood HK-33 / Case CT-404

AF-S NIKKOR 500mm f/4G ED VR



This powerful super-telephoto lens offers incredible image reproduction. Featuring Vibration Reduction (VR) with an effect equivalent to 3.0 stops* and Nano Crystal Coat, the light and durable lens design ensures added confidence in the field. Ideal for motor sports, outdoor athletes, wildlife and more.

VR SWM N ED M/A A/M IF 5°



Lens construction: 14 elements in 11 groups
(plus one Meniscus Protective Lens)
Minimum focus distance: 4 m/13.1 ft (AF) ; 3.85 m/12.6 ft (MF)
Maximum reproduction ratio: 1/6.9x (AF) ; 1/6.6x (MF)
Filter-attachment size: 52 mm
Accessories: Hood HK-34 / Case CT-504

AF-S NIKKOR 600mm f/4G ED VR



Perfect for dedicated sports and wildlife photographers, this extremely long 600 mm telephoto captures distant subjects with amazing clarity. The lens features Vibration Reduction (VR) with an effect equivalent to 2.5 stops*, Nano Crystal Coat and a rugged design for durability in the field.

VR SWM N ED M/A A/M IF 4°10'



Lens construction: 15 elements in 12 groups
(plus one Meniscus Protective Lens)
Minimum focus distance: 5 m/16.4 ft (AF) ; 4.8 m/15.7 ft (MF)
Maximum reproduction ratio: 1/7.4x (AF) ; 1/7.1x (MF)
Filter-attachment size: 52 mm
Accessories: Hood HK-35 / Case CT-607



AF-S NIKKOR 800mm f/5.6E FL ED VR © Junichi Noguchi

Overwhelming super-telephoto with fluorite

AF-S NIKKOR 800mm f/5.6E FL ED VR

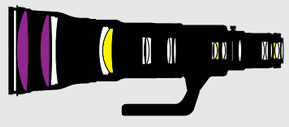
AF-S TELECONVERTER TC800-1.25E ED



With the longest focal length of all NIKKOR lenses, this is what sports and press photographers have been waiting for. Employing fluorite, ED glass and Nano Crystal Coat, this lens delivers outstandingly clear images with minimized chromatic aberration, ghosting and flare. An electromagnetic diaphragm mechanism that ensures stable aperture control even when a super-telephoto lens is used with a teleconverter is incorporated. Super-telephoto shooting is also reliably supported by Vibration Reduction (VR) offering an effect equivalent to a shutter speed 4.5 stops* faster (4.0 stops* with the AF-S TELECONVERTER TC800-1.25E ED). Thanks to the use of fluorite that significantly reduces lens weight as well as the magnesium alloy adopted for the lens barrel, a light yet durable lens is realized. With the dedicated 1.25x Teleconverter employing ED glass, which has been fine-tuned to the particular lens, focal length is extended to 1000 mm while retaining superior reproduction.

- Compatible cameras: D4/D3 series/D800 series/D700/D610/D600/D300 series/D7100/D7000/D5300/D5200/D5100/D5000/D3200/D3100
[Note]: Firmware update (available from April 2, 2013) is required for the D4, D3 series, D800 series, D600 or D7000. With the D700 or D300 series, normal operation may not be attained when stopping down the aperture beyond f/22. Use the aperture within the range from the maximum to f/22.
- Compatible AF teleconverters: [AF is possible when attached to f/8-compatible cameras] AF-S TELECONVERTER TC800-1.25E ED/AF-S TELECONVERTER TC-14E II, [MF only] AF-S TELECONVERTER TC-20E III/AF-S TELECONVERTER TC-17E II

VR SWM N FL ED M/A A/M IF 3°10'



With AF-S TELECONVERTER TC800-1.25E ED attached

Lens construction: 20 elements in 13 groups
Minimum focus distance: 5.9m/19.36 ft (AF) ; 5.8 m/19.03 ft (MF)
Maximum reproduction ratio: 1/6.6x (AF) ; 1/6.4x (MF)
Filter-attachment size: 52 mm
Accessories: Hood HK-38 / Case CL-801 / AF-S TELECONVERTER TC800-1.25E ED

AF-S TELECONVERTER TC800-1.25E ED*1
Lens construction: 5 elements in 3 groups
Weight: 135 g/4.8 oz
Diameter x length*2: 62.5 x 16 mm/2.5 x 0.6 in.
*1 Focal length is extended by 1.25x.
*2 Distance from camera's lens-mount flange.

[Note] Supplied AF-S TELECONVERTER TC800-1.25E ED is a dedicated teleconverter to the AF-S NIKKOR 800mm f/5.6E FL ED VR and cannot be attached to other lenses. It is not sold separately.

■: ED glass elements ■: Super ED glass elements ■: Fluorites

- Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera.

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SPECIAL-PURPOSE NIKKOR LENSES

Don't let the name fool you: Special-purpose lenses are not only for special occasions. This category contains Micro lenses, Fisheye lenses and PC (Perspective Control) lenses. Each speciality offers a new way of seeing the world, and can lead to new levels of fun and creative photography.



© Sonoe

AF-S DX Micro NIKKOR 40mm f/2.8G

Micro NIKKORs: Much more than miniatures and portraits

MICRO LENSES

These optical wonders take close-up shots with up to life-size reproduction, capturing the finest detail in its actual size on the sensor. Whether you shoot macro, portraits or other subject matter, expect striking sharpness, beautiful background bokeh and a wide range of focus distance: from closest 1:1 to infinity.

Compact and approachable DX Micro with amazing clarity

AF-S DX Micro NIKKOR 40mm f/2.8G DX



This remarkably light, compact and agile micro lens serves as an exceptional complement to DX cameras. In addition to life-size (1x) close-up capability, the 40 mm focal length can make a wide variety of subject matter approachable, including portraits. An excellent Micro NIKKOR for any DX photographer.

SWM M/A CRC 38°50'



Lens construction: 9 elements in 7 groups
Minimum focus distance: 0.163 m/0.53 ft
Maximum reproduction ratio: 1x
Filter-attachment size: 52 mm
Accessories: Hood HB-61 / Case CL-0915

Compact and versatile standard micro lens

AF-S Micro NIKKOR 60mm f/2.8G ED



Delivers stunningly sharp images up to life-size (1x) at all f-stops with incredible bokeh. Nano Crystal Coat effectively reduces ghost and flare effects under harsh lighting, such as in backlit situations. With its wide focusing range, this lens is not limited to extreme close-up photography and can be used for most subject matter.

SWM N ED AS M/A IF 39°40'



Lens construction: 12 elements in 9 groups
Minimum focus distance: 0.185 m/0.6 ft
Maximum reproduction ratio: 1x
Filter-attachment size: 62 mm
Accessories: Hood HB-42 / Case CL-1018

AF Micro-Nikkor 60mm f/2.8D



This longtime seller delivers crisp images at any focus distance from infinity to life-size (1x). Ideal for general close-ups, portraits, landscapes, copy work and more.

A-M CRC 39°40'



Lens construction: 8 elements in 7 groups
Minimum focus distance: 0.219 m/8 3/4 in.
Maximum reproduction ratio: 1x
Filter-attachment size: 62 mm
Accessories: Hood HN-22 (optional) / Case CL-0815 (optional)

: Aspherical lens elements : ED glass elements

• Minimum focus distance is the distance from a camera's focal plane mark to the subject.

Versatile, high-performance micro lens for DX photographers

AF-S DX Micro NIKKOR 85mm f/3.5G ED VR DX



Compact and lightweight, even with the incorporated Vibration Reduction (VR) with an effect equivalent to 3.0 stops*, which enables steadier handheld shooting. With a great working distance and continuous autofocus from infinity to life-size (1x), this lens gives you amazing sharpness and background bokeh for close-up subjects, portraits, nature images and more.

VR SWM ED M/A IF 18°50'



Lens construction: 14 elements in 10 groups
Minimum focus distance: 0.286 m/0.9 ft
Maximum reproduction ratio: 1x
Filter-attachment size: 52 mm
Accessories: Hood HB-37 / Case CL-1018

Excellently balanced micro lens with VR

AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED



This medium telephoto micro has Vibration Reduction (VR) with an effect equivalent to 3.0 stops* for easy handheld macro shooting. The lens delivers crisp yet natural images in any genre of photography. The longer focal length gives it a great working distance when shooting close-ups of flowers, insects and other small wildlife. It also takes fantastic portraits. Nano Crystal Coat effectively reduces ghost and flare effects.

VR SWM N ED M/A IF 23°20'



Lens construction: 14 elements in 12 groups
Minimum focus distance: 0.314 m/1 ft
Maximum reproduction ratio: 1x
Filter-attachment size: 62 mm
Accessories: Hood HB-38 / Case CL-1020

Powerful telephoto micro lens with great working distance

AF Micro-Nikkor 200mm f/4D IF-ED



By taking advantage of the long working distance of 0.26 m/0.9 ft at life-size (1x), it is ideal for shooting flowers, insects and other tiny wildlife without disturbing them. The NIKKOR glass ensures clear and high-contrast images regardless of f-stop, and the lens performs superbly as a regular telephoto as well.

ED A-M IF CRC 12°20'



Lens construction: 13 elements in 8 groups
Minimum focus distance: 0.5 m/1 5/8 ft
Maximum reproduction ratio: 1x
Filter-attachment size: 62 mm
Accessories: Hood HN-30 (optional) / Case CL-45

*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera.

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FISHEYE LENSES

These specialized lenses feature an ultra-wide angle of view that bends and distorts the subject matter as it reaches the edges of the frame. Try different viewpoints and angles in various scenes with a fisheye lens and even ordinary scenes can turn into extraordinary photographs.



AF DX Fisheye-Nikkor 10.5mm f/2.8G ED © Cliff Mautner

Fun-to-use, compact fisheye lens for DX photographers

AF DX Fisheye-Nikkor 10.5mm f/2.8G ED DX



This compact and lightweight fisheye lens is designed exclusively for DX-format cameras. With its frame-filling 180° angle of view and unique bending effects, any scene or subject will take on new dimensions through the viewfinder, making anything you shoot fun. The lens has edge-to-edge sharpness and enables you to get as close to the subject as 3 cm/1.2 in. from the lens front.

E D CRC 180°



Lens construction: 10 elements in 7 groups
Minimum focus distance: 0.14 m/0.5 ft
Maximum reproduction ratio: 1/5x
Accessories: Built-in hood / Case CL-0715

Sharp, full-full-frame fisheye lens creating dramatic perspectives

AF Fisheye-Nikkor 16mm f/2.8D



NIKKOR's supreme optical performance provides continuous sharpness from infinity to the closest subject, offering the uniquely altered reality of ultra-wide-angle photography for beautiful and dramatic images. Four bayonet type filters attached to the lens rear give more creative options in filter effects.

CRC 180°



Lens construction: 8 elements in 5 groups
Minimum focus distance : 0.25 m/0.85 ft
Maximum reproduction ratio: 1/10x
Accessories: Built-in hood / Case CL-0715 (optional) / Filter L37C, A2, B2, O56

PC LENSES/ PC MICRO LENSES

With NIKKOR's exclusive PC (Perspective Control) tilt and shift operation, these lenses enable you to control the perspectives, distortion and depth of field in your images. PC lenses make you more approachable to professional creative techniques that usually only large-format NIKKOR lenses can handle.

PC-E lenses lineup: more freedom in controlling perspectives

PC-E NIKKOR 24mm f/3.5D ED



This wide-angle PC lens covers an 84° angle of view and features tilt and shift operation, as well as +/-90° revolving mechanism. Ideal for architecture, cityscapes, general indoor photography and nature. Auto aperture control is possible with the electromagnetic diaphragm*. Nano Crystal Coat reduces ghost and flare effects.

N ED AS RF 84°



Lens construction: 13 elements in 10 groups
Minimum focus distance: 0.21 m/0.75 ft
Maximum reproduction ratio: 1/2.7x
Filter-attachment size: 77 mm
Accessories: Hood HB-41 / Case CL-1120

PC-E Micro NIKKOR 85mm f/2.8D



This medium-telephoto PC lens enables tilt, shift and +/-90° revolving mechanism and also has micro capability to shoot up to 1/2x life-size. A great choice for long-range portraits, nature, and commercial work with uniquely controlled perspectives. Auto aperture control is possible with electromagnetic diaphragm*. Nano Crystal Coat is employed to reduce ghost and flare effects.

N CRC 28°30'



Lens construction: 6 elements in 5 groups
Minimum focus distance: 0.39 m/1.3 ft
Maximum reproduction ratio: 1/2x
Filter-attachment size: 77 mm
Accessories: Hood HB-22 / Case CL-1120

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



With a fast f/2.8 aperture, this standard PC lens also has micro capability, shooting up to 1/2x life-size and enabling tilt, shift and +/-90° revolving mechanism. Perfect for commercial work, product shots, nature photography or any other subjects that require a natural perspective and fine detail. Auto aperture control is possible with electromagnetic diaphragm*. Nano Crystal Coat is employed to reduce ghost and flare effects.

N ED CRC 51°



Lens construction: 9 elements in 8 groups
Minimum focus distance: 0.253 m/0.83 ft
Maximum reproduction ratio: 1/2x
Filter-attachment size: 77 mm
Accessories: Hood HB-43 / Case CL-1120

: Aspherical lens elements : ED glass elements

- Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*Available only with cameras compatible with the electromagnetic diaphragm (Nikon D4, D3 series, D800 series, D700, D610, D600, D300 series, D7100, D7000, D90, D5300, D5200, D5100, D5000, D3200, D3100 and D3000).

- The Nikon D4 and D3 series can be used without any limitations. However, operations may be limited with other models, while some older cameras may be incompatible.

PC-E NIKKOR 24mm f/3.5D ED © Yves Paternoster



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MANUAL-FOCUS LENSES

This great lineup features eight fixed focal-length lenses, including two micro lenses.

Lens name		Lens construction [groups/elements]	Minimum focus distance [m/ft]	Maximum reproduction ratio [x]	Filter-attachment size [mm]	Lens hood (optional)	Lens case (optional)
Nikkor 20mm f/2.8		9/12	0.25/0.85	1/8.3	62	HK-14	CL-0915
Nikkor 24mm f/2.8		9/9	0.3/1	1/8.8	52	HN-1	CL-0915
Nikkor 28mm f/2.8		8/8	0.2/0.7	1/3.9	52	HN-2	CL-0815
Nikkor 35mm f/1.4		7/9	0.3/1	1/5.6	52	HN-3	CL-0915

Lens name		Lens construction [groups/elements]	Minimum focus distance [m/ft]	Maximum reproduction ratio [x]	Filter-attachment size [mm]	Lens hood (optional)	Lens case (optional)
Nikkor 50mm f/1.2		6/7	0.5/1.7	1/7.9	52	HS-12/HR-2	CL-0915
Nikkor 50mm f/1.4		6/7	0.45/1.5	1/6.8	52	HS-9/HR-1	CL-0815
Micro-Nikkor 55mm f/2.8 / Auto Extension Ring PK-13		5/6	0.25/0.9 (0.225/0.738)	1/2 (1)	52	HN-3	CL-0915
Micro-Nikkor 105mm f/2.8 / Auto Extension Ring PN-11		9/10	0.41/1.34 (0.37/1.21)	1/2 (1/0.88)	52	HS-14	CL-1018 (CL-38)

* Minimum focus distance is the distance from a camera's focal plane mark to the subject. * Values in parentheses apply when Auto Extension Ring PK-13 or PN-11 is in use.

OPTIONAL ACCESSORIES

AF-S Teleconverters

Teleconverters increase the original focal length to 2x, 1.7x or 1.4x when attached between an AF-S/AF-I lens and the camera body. Their superior optical performance retains the high-quality imaging advantages of your original lenses while also supporting its signal transmission.



AF-S Teleconverter TC-20E III

This teleconverter expands the focal length by 2x and slows down the aperture by 2 stops.



Lens construction: 7 elements in 5 groups
Case: CL-0715



AF-S Teleconverter TC-17E II

This teleconverter expands the focal length by 1.7x and slows down the aperture by 1.5 stops.



Lens construction: 7 elements in 4 groups
Case: CL-0715



AF-S Teleconverter TC-14E II

This teleconverter expands the focal length by 1.4x and slows down the aperture by 1 stop.



Lens construction: 5 elements in 5 groups
Case: CL-0715 (optional)

The following AF-S and AF-I NIKKOR lenses are compatible with AF-S Teleconverters.

AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED*1
AF-S NIKKOR 200mm f/2G ED VR II
AF-S VR Nikkor 200mm f/2G IF-ED
AF-S NIKKOR 300mm f/2.8G ED VR II
AF-S VR Nikkor 300mm f/2.8G IF-ED
AF-S Nikkor 300mm f/2.8D IF-ED II
AF-S Nikkor 300mm f/2.8D IF-ED
AF-I Nikkor 300mm f/2.8D IF-ED
AF-S Nikkor 300mm f/4D IF-ED*2
AF-S NIKKOR 400mm f/2.8G ED VR
AF-S Nikkor 400mm f/2.8D IF-ED II
AF-S Nikkor 400mm f/2.8D IF-ED
AF-I Nikkor 400mm f/2.8D IF-ED
AF-S NIKKOR 500mm f/4G ED VR*2
AF-S Nikkor 500mm f/4D IF-ED II*2
AF-S Nikkor 500mm f/4D IF-ED*2
AF-I Nikkor 500mm f/4D IF-ED*2
AF-S NIKKOR 600mm f/4G ED VR*2
AF-S Nikkor 600mm f/4D IF-ED II*2
AF-S Nikkor 600mm f/4D IF-ED*2
AF-I Nikkor 600mm f/4D IF-ED*2
AF-S NIKKOR 800mm f/5.6E FL ED VR*3
AF-S NIKKOR 70-200mm f/2.8G ED VR II
AF-S VR Zoom-Nikkor 70-200mm f/2.8G IF-ED
AF-S NIKKOR 70-200mm f/4G ED VR*2
AF-S Zoom-Nikkor 80-200mm f/2.8D IF-ED
AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR*3
AF-S NIKKOR 200-400mm f/4G ED VR II*2
AF-S VR Zoom-Nikkor 200-400mm f/4G IF-ED*2

*1: Autofocus cannot be used.
*2: Autofocus with TC-20E III or TC-17E II can be used with the D4, D800 series, D610, D600 or D7100. (With these cameras, if the effective aperture is f/5.6 or slower, the focus point that is used for autofocus or manual focus with electronic rangefinder is limited to that located at the center. Also, focus may not be achieved when shooting low-contrast or dark subjects.)
*3: Autofocus with TC-20E III or TC-17E II cannot be used. Autofocus with TC-14E II can be used when attached to an f/8-compatible camera.

- Other lenses cannot be used. Do not attach other lenses, as the rear lens elements will touch and could damage the teleconverter elements.
- Vibration Reduction function operates with VR (Vibration Reduction) lenses when used with the following Nikon SLR cameras: FX/DX-format digital SLR cameras, F6, F5, F100, F80 series, F75 series and F65 series.
- AF-S TELECONVERTER TC800-1.25E ED is a supplied accessory of the AF-S NIKKOR 800mm f/5.6E FL ED VR and not sold separately. For details, see page 21.

Extension Rings

■ Auto Extension Ring PK-11A, 12, 13
These extension rings are for NIKKOR lenses with the AI (Automatic maximum aperture Indexing) system. Seven extension lengths can be achieved when used individually or in combination.

*The exposure meter cannot be used with cameras that do not have an exposure meter coupling lever, such as the F80 and F75

■ Adapter Ring BR-3
This adapter converts the bayonet mount of reverse-mounted lenses to the 52 mm thread used for filters and hoods (HB-type bayonet hoods cannot be used).

■ Macro Adapter Ring BR-2A/BR-5
Mounted to the lens in reverse, this extension ring can be attached directly or using the Bellows Focusing Attachment. When shooting in a reproduction ratio larger than 1x, even better lens performance is realized by attaching the ring to the lens in reverse. BR-2A is compatible with lenses having 52 mm-sized front attachment and the BR-5 (with BR-2A together) with lenses having 62 mm-sized front attachment.



Filters/holders

■ Neutral Color NC Filter
Ideal as a lens protector, this filter does not affect the color balance (visible light spectrum) of your lens. Its multilayer coating prevents light reflection inside the glass.

■ Soft Focus Filter
Give your images a moderately soft and beautiful blur effect. Good for various shooting situations, such as portraiture.

■ Circular Polarizing Filter II
By dramatically reducing the reflective qualities, polarizing filters allow direct shooting through glass or into bodies of water, and enable better capture of other non-metallic objects that reflect light. Polarizing filters also cut the reflective light of vapor and minute dust in the air, so blue skies can be rendered even bluer.

The following lenses cannot be used:
AF Nikkor 20mm f/2.8D, Nikkor 20mm f/2.8S, Zoom-Nikkor 28-85mm f/3.5-4.5S, AF Zoom-Nikkor 35-105mm f/3.5-4.5D IF

Also, slight vignetting may occur when shooting at infinity or closer shooting distances when the Circular Polarizing Filter II is used with the following lenses:
Nikkor 24mm f/2, Nikkor 28mm f/2, PC Nikkor 28mm f/3.5 with maximum shift, AF Zoom-Nikkor 24-50mm f/3.3-4.5D, AF Zoom-Nikkor 28-105mm f/3.5-4.5D IF

■ Bayonet Filter: Ultraviolet L37C
This filter absorbs ultraviolet light and produces clear images with high contrast. The L37C has multilayer coating to reduce reflection. Can also be used as a lens protector.

■ Slip-in Circular Polarizing Filter
Designed for use with telephoto lenses equipped with a slip-in filter holder, this filter reduces reflected light and draws out more clarity and color while decreasing the effect of sunlight reflection from airborne water vapor and dust. Also, polarizing filters darken the blue in skies without affecting the contrast, further emphasizing your subject. When shooting in color, the filter eliminates color casting caused by reflected light.

Hoods

Lens hoods reduce stray light that can degrade your image quality while minimizing ghost and flare effects. They can also be used as lens protectors. For every type of NIKKOR lens, there is a lens hood available. They are classified according to the attachment methods and materials: HB (bayonet), HN (screw-on), HK (slip-on), HS (snap-on) and HR (rubber screw-on).



NAL-1 Zoom/Focus Assist Lever

When attached to a zoom ring or a focus ring, this lens attachment enables smoother zoom or focus operation. It is especially helpful for zooming during movie recording as well as for fine manual focusing.

NIKKOR lenses recommended for use with the NAL-1 Zoom/Focus Assist Lever
AF-S 16-35mm f/4G ED VR, AF-S DX 17-55mm f/2.8G IF-ED, AF-S DX 18-105mm f/3.5-5.6G ED VR, AF-S DX 18-140mm f/3.5-5.6G ED VR, AF-S DX 18-200mm f/3.5-5.6G ED VR II, AF-S 24-70mm f/2.8G ED, AF-S 70-200mm f/2.8G ED VR II

: Aspherical lens elements

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FT1 MOUNT ADAPTER

The FT1 mount adapter allows NIKKOR F mount lenses to be used with Nikon 1 cameras equipped with a Nikon 1 mount. The angle of view of an F-mount lens mounted on the FT1 is equivalent to that of a 35mm-format lens with a focal length about 2.7x longer. The FT1 can be used with more than 70 lenses, representing almost all the NIKKOR lenses currently on the market*1. It also supports auto exposure/autofocus*2 and Vibration Reduction (VR)*3. Electronic rangefinding is available in manual focus mode. You can also explore the new forms of expression offered by the Nikon 1's unique Motion Snapshot mode*4

*1 The adapter can be used with F-mount NIKKOR lenses, including DX lenses but excluding IX-NIKKOR lenses, lenses for the F3AF, non-AI lenses, teleconverters, and auto extension rings. AI Nikkor 20mm f/2.8, Nikkor 24mm f/2.8, and PC-E NIKKOR 24mm f/3.5D ED lenses cannot be used.
*2 Autofocus is available only with AF-S lenses; other lenses support manual focus only. The only AF-area mode available is Single-point AF and the camera focuses on the subject in the center focus point only.
*3 Available with VR lenses.
*4 Motion Snapshots can be recorded only when autofocus is used with AF-S lenses and then only when the camera is in focus.



NIKKOR lens + FT-1 + Nikon 1 series

Focus

Lens			Lens focus mode	Camera focus mode		Electronic rangefinder*1
	Type			AF	MF	
AF	AF-S	E, G, D	M/A, A/M	M/A, A/M	MF	√
			A	AF	MF	√
			M	MF	MF	√
	AF	G	A	MF	MF	√
			M	MF	MF	√
		D	A	MF	MF	√
			M	MF	MF	√
MF	PC-E	D	–	MF	MF	√*2
	AI-S	–	–	MF	MF	–

*1 CPU lenses only.
*2 Not available if lens is shifted or tilted.

Exposure / Metering

Lens			Exposure mode			Metering	
	Type		P*1, S	A, M			
AF	AF-S	G, D, E	√	√	–	√	√
	AF	G, D	√	√	–	√	√
MF	PC-E	D	√*2	√	–	√*2	√*2
	AI-S	–	√*3	√	–	–	√

*1 Uses special exposure program.
*2 Not available if lens is shifted or tilted.
*3 Camera uses aperture-priority auto exposure control.

■ Before Using the FT1 Mount Adapter

- For compatible F-mount NIKKOR lenses, refer to Nikon's website.
- In some cases, focus may not be achieved even when the in-focus indicator lights up; if this occurs, focus manually.
- Autofocus may be less precise when S: Shutter-priority auto, A: Aperture-priority auto, or M: Manual is selected for exposure mode instead of P: Programmed auto mode. Focus manually if you have trouble focusing using autofocus.
- Lines may appear in photographs taken with non-CPU lenses stopped down to minimum aperture.
- Nikon 1 V1/J1 are supported from firmware version A 1.10/B 1.10.
- The tops and bottoms may be missing from circular bokeh shapes created at wide apertures using lenses with a maximum aperture of f/1.4 or f/1.2.
- Auto mode and Best Moment Capture mode are not supported.

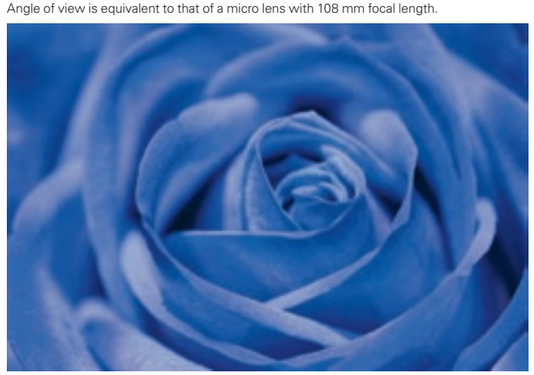
FT1 + AF-S NIKKOR 70-200mm f/2.8G ED VR II

Angle of view is equivalent to that of a telephoto zoom lens with 189-540 mm focal length.



FT1 + AF-S DX Micro NIKKOR 40mm f/2.8G

Angle of view is equivalent to that of a micro lens with 108 mm focal length.

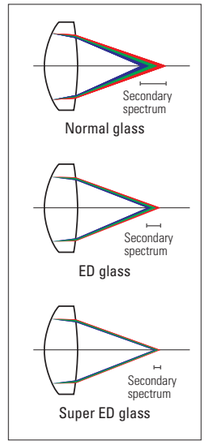


NIKKOR TECHNOLOGY

Known for its reliability, clarity and devotion to the needs of passionate photographers, NIKKOR, Nikon's exclusive lens brand, is on a quest to create the finest optics in the world. By adhering to the strictest requirements and testing both in the lab and across a wide range of actual shooting situations, Nikon creates technologies that make NIKKOR lenses the best choice for any type of still or moving imagery.

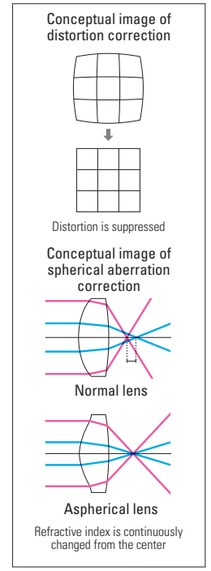
ED / SUPER ED ED glass effectively reduces chromatic aberration at high magnification

Nikon was the world's first camera maker to develop ED (Extra-low Dispersion) glass that could minimize prism-caused color dispersion. This low-dispersion ED glass also offers anomalous dispersion characteristics like calcium fluoride crystals, which consequently minimize the secondary spectrum. For lenses using normal optical glass, the longer the focal length, the more difficult it is to correct the chromatic aberration that causes color fringing. Nikon's ED glass, which effectively compensates for this kind of chromatic aberration, is employed in a wide range of NIKKOR telephoto lenses for superior reproduction.
Nikon has also developed Super ED glass featuring even lower dispersion properties and extremely high performance in eliminating the secondary spectrum, to minimize chromatic aberration even further, as well as other lens aberrations. Super ED glass is employed in the AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR and AF-S VR Nikkor 200mm f/2G IF-ED.



AS Aspherical lens for effective aberration correction

This type of lens utilizes non-spherical surfaces on either one or both sides of the glass in order to eliminate certain types of lens aberration. These aspherical elements are particularly useful for correcting the distortion in wide-angle lenses. Such distortions are caused by variations in the magnification of the image, depending on its distance from the optical axis. Aspherical lens elements correct these distortions by continuously changing the refractive index from the center of the lens.
Since the 1960s, Nikon engineers have established design theories and lens-processing techniques to refine the aspherical lens. In 1968, the OP Fisheye-Nikkor 10mm f/5.6 became the first interchangeable SLR lens incorporating aspherical lens elements. Since then, aspherical lenses have been an important part of the NIKKOR lens family, with every new addition to the lineup providing a new level of contrast, resolution and compact design.



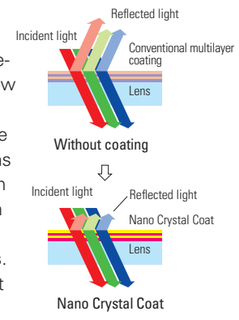
Hybrid aspherical lenses: made of a special plastic molded onto optical glass.

Molded glass aspherical lenses: manufactured by directly pressing optical glass into a high-precision aspherical mold.

N Nano Crystal Coat minimizes ghost and flare effects to provide clear images

Originating from Nikon's work in semiconductor manufacturing technology, NIKKOR's Nano Crystal Coat is an antireflective coating that employs an extra-low refractive index coating featuring ultrafine, nano-sized* crystal particles. These crystallized particles eliminate reflections inside the lens throughout the spectrum of visible light waves (380 to 780 nm) in ways that far exceed the limits of conventional antireflection coating systems. Nano Crystal Coat not only solves ghost effects caused by red light, which was incredibly difficult for previous systems. It also effectively reduces ghost and flare effects caused by light entering the lens diagonally. The result: clearer images.

*One nanometer equals one millionth of a millimeter





(From left) Without coating, Nikon Super Integrated Coating, Nano Crystal Coat

FL Flourite

Fluorite is a monocrystal optical material that features a high transmission rate within both the infrared and ultraviolet zones. With its superb anomalous dispersion properties, fluorite intensely blocks the secondary spectrum in order to effectively correct chromatic aberration within the visible light spectrum – something that is more difficult to achieve at longer focal lengths. It is also significantly lighter than optical glass, giving you a more effective lens with less weight.

HRI High Refractive Index lens

With a refractive index of more than 2.0, one HRI lens can offer effects equivalent to those obtained with several normal glass elements and can compensate for both field curvature and spherical aberrations. Therefore, HRI lenses achieve great optical performance in an even more compact body.

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NIKKOR TECHNOLOGY

VR VR (Vibration Reduction): Correct blur while retaining a stable viewfinder image

With NIKKOR's Vibration Reduction system, camera shake information is detected by the VR sensor of the VR lens unit, which is continually in motion inside the lens, aligning the optical axis with your camera's imaging sensor, thereby reducing image blur. By providing the equivalent of shooting at shutter speeds up to 4.5 stops* faster, the system helps you achieve sharper shots when shooting sports scenes, dimly lit landscapes and handheld situations.



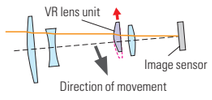
VR off



VR on

In-lens blur correction for clearer viewfinder image

Nikon's Vibration Reduction (VR) function is built into the lens. Unlike with in-camera systems, your camera's sensor does not move with VR, thereby giving you a steadier view through the viewfinder and eliminating the blur you would see in the image itself. A clear view makes it easier to confirm your composition and place your focus point accurately.



VR mechanism

Optimization in every lens

Consider, for example, the special situation of using a micro lens to shoot extreme close-ups of a flower where the photographer is in a crouching position. This shooting scenario deserves its own VR parameters, so Nikon conducted over 10,000 shooting tests to refine unique algorithms for each VR lens type. Yet another reason why the vibration reduction system is built inside the lens.

Dual algorithm

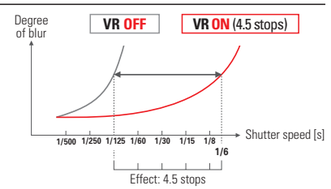
Looking through a fully blur-corrected viewfinder for long periods of time may cause feelings similar to motion sickness in some photographers. To prevent this, Nikon developed an exclusive algorithm utilized when the shutter release button is half-pressed. This first algorithm controls the blur correction at a slightly lower level than usual. When the shutter release button is fully pressed, a second algorithm engages to maximize camera shake compensation during exposure for clear images.

Centering prior to exposure

The instant the shutter is released, the VR lens unit will reset to a central position (optical axis) from an off-centered position which is the result of VR operation. Although the shift range of the VR lens unit is limited, centering of the lens ensures uniform shift in any direction, maximizing the VR effect as well as optical performance.

High blur-correction performance

It is said that a shutter speed of 1/[focal length (mm)] second or slower may cause image blur, however, this cannot be applied to every situation because there are differences in photographers' skill and lens/camera performance. For this reason, Nikon's engineers compared an image with VR on and another without VR based on CIPA Standard. As a result, the VR effect providing the equivalent of a shutter speed up to 4.5 stops* faster is confirmed. This allows photographers to use slower shutter speeds than would otherwise be possible for taking sharp images with minimal blur, expanding photographic expression.



Panning detection for moving subjects

For a panning shot in which subject movement needs to be emphasized, Nikon's VR detects camera movement for panning, automatically suppressing the blur-correction function. For a horizontally moving subject, only vertical blur is corrected. With VR lenses employing Active mode, choose Normal mode for panning shots.



• Refer to page 34 for VR lenses with Active mode.

Tripod vibration reduction function

This function automatically differentiates the frequency of the vibration from that of camera shake, and changes the algorithm to correct image blur caused by slight tripod vibration.

• Refer to page 34 for VR lenses with this function.

Three VR modes selectable according to shooting situations

Normal mode

Normal mode is recommended for most general scenes. In this mode, slow and wide camera movement is regarded as the photographer recomposing a shot and blur-correction operation is limited accordingly. Normal mode also includes automatic panning detection.



Active mode

When shooting from a moving vehicle or other unstable position, the lens can sometimes misinterpret camera movement or a photographer's intentions. In this case, choose Active mode for further compensation, a more stable viewfinder image and even steadier shots.



• Refer to page 34 for VR lenses with Active mode.

Tripod mode

Tripod mode is most recommended when a tripod is used. This mode is employed in three super-telephoto lenses that are likely to be used with a tripod – AF-S NIKKOR 400mm f/2.8G ED VR, AF-S NIKKOR 500mm f/4G ED VR and AF-S NIKKOR 600mm f/4G ED VR.



*Based on CIPA Standard. The value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position. For VR effect in stops with each lens, refer to page 34.

SWM AF-S NIKKOR lens with SWM for quiet autofocus

Nikon's original Silent Wave Motor (SWM) converts "traveling waves" into rotational energy to drive the optics used for focusing. The two SWM lens types – ring type and compact type – are specifically chosen to match each lens's specs and design. Any AF-S NIKKOR lens featuring these SWMs delivers extremely smooth, quiet and comfortable auto focusing for both general shooting as well as extreme situations, such as sports and wildlife.



SWM



Compact SWM

A/M A/M (auto-priority manual) mode

This mode also enables an easy transition from autofocus to manual during AF operation. However, mode switch sensitivity has been altered to reduce the possibility of sudden unintentional switching to manual focus while shooting.



M/A M/A mode for quick switching from AF to MF

Simply by rotating a focus ring, M/A mode allows you to switch from autofocus to manual with virtually no time lag. This makes it possible to seamlessly switch to fine manual focusing while looking through the viewfinder.

A-M A-M mode ring/lever/switch

Thanks to a mechanism incorporated in the lens barrel, smooth focusing operation in Manual focus mode is realized in the same way as users have become accustomed to with conventional manual-focus lenses by adding an appropriate torque to the focus ring. The AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR, AF-S DX Zoom Nikkor ED 18-55 mm f/3.5-5.6G and AF-S DX Zoom-Nikkor ED 18-55 mm f/3.5-5.6G II are equipped with A-M mode switch, and the focus ring on these lenses rotate during autofocus.

■ Nikon Super Integrated Coating

Nikon's exclusive multilayer lens coating achieves high transmittance in a wider wavelength range. Even for zoom lenses with a large number of glass elements, this coating system effectively reduces the ghost and flare effects that are likely to occur in backlit situations, helping you achieve high-contrast images with rich gradation. With outstanding color balance and reproduction capability, superb optical performance can be achieved. Ghost and flare effects caused by internal reflections particular to digital cameras are also effectively minimized. This coating system is applied to all current lenses in the NIKKOR lineup.

■ Meniscus Protective Glass

NIKKOR's exclusive protective glass for lenses comes attached to the front of fast super-telephoto lenses. Normal flat protective glass lets incoming light reflect off the surface of the image sensor or film, especially under a strong light source such as a spotlight. This then reflects again off the protective glass, resulting in a ghost effect. NIKKOR's curved meniscus glass dramatically reduces this re-reflected light, realizing clearer images with less ghosting.

■ D Signal – Distance information output capability

The D stands for Distance. Subject-to-camera distance information is obtained with an internal encoder, which is linked to the lens focus ring. This information is then transmitted to the camera body for high-precision exposure control found in 3D Color Matrix Metering II/III and i-TTL Balanced Fill-Flash. Every AF, AF-S, PC and PC-E series lens has a distance signal built in.

■ E-type lenses

An electromagnetic diaphragm mechanism is incorporated inside the body of these lenses and controlled via electronic signals from the camera body. This gives you incredibly accurate aperture control, even when a teleconverter is being used with a super-telephoto lens*.

*Some limitations apply

■ G-type lenses

For this type of lens, apertures are always selected from the camera body, as there is no aperture ring on the lens itself. Through the powerful control of diaphragm blades, stable high-speed continuous shooting is enabled, even at smaller apertures*.

*Some limitations apply

■ Rounded Diaphragm

When shooting with an ordinary diaphragm, blurry, polygon-shaped spots are likely to appear in images of scenes that include point light sources such as street lamps or holiday lighting at night. A rounded diaphragm is achieved by using specialized blades for a beautiful and naturally round shape for out-of-focus objects.

■ Internal Focusing IF

With this focusing method, all the lens elements are divided into front, middle and rear groups, with only the middle group moving to focus.

■ Rear Focusing RF

With Nikon's Rear Focusing (RF) system, all the lens elements are divided into specific lens groups, with only the rear lens group moving for focusing.

■ Close-Range Correction system CRC

The Close-Range Correction (CRC) system is one of Nikon's most important focusing innovations, because it provides superior picture quality when shooting at close distances, increasing your focusing range. With CRC, the lens elements are configured in a "floating element" design wherein each lens group moves independently to achieve focusing.

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SPECIFICATIONS

Lens name	Lens construction [groups/ elements]	Angle of view with FX-format cameras	Angle of view with DX-format cameras	Focusing System*1	Vibration Reduction (VR)			Number of diaphragm blades	Minimum f-stop	Minimum focus distance [m/ft]*3	Maximum reproduction ratio[x]	Weight [g/oz]	Dia. x length (extension from lens mount) [mm/in.]	Filter-attachment size [mm]	Lens cap type	Lens hood*4	Lens case
					Effect in stops*2	VR mode	Tripod vibration reduction										
■ WIDE-ANGLE ZOOM NIKKOR LENSES [p4-p6]																	
AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED	9/14	—	109°-61°	IF				7	22-29	0.24/0.8 (0.22/0.7)*5	1/5	460/16.2	82.5 x 87/3.2 x 3.4	77	Snap-on	HB-23 (provided)	CL-1118 (provided)
AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED	7/11	—	99°-61°	IF				7	22	0.3/1	1/8.3	465/16.4	82.5 x 90/3.2 x 3.5	77	Snap-on	HB-23 (provided)	CL-S2 (optional)
AF-S NIKKOR 14-24mm f/2.8G ED	11/14	114°-84°	90°-61°	IF				9	22	0.28/0.92*8	1/6.7	1000/35.3	98 x 131.5/3.8 x 5.2	—	Slip-on	Built-in	CL-M3 (provided)
AF-S NIKKOR 16-35mm f/4G ED VR	12/17	107°-63°	83°-44°	IF	2.5	Normal		9	22	0.28/0.9*9	1/4	680/24.0	82.5 x 125/3.2 x 4.9	77	Snap-on	HB-23 (provided)	CL-1120 (provided)
AF-S Zoom-Nikkor 17-35mm f/2.8D IF-ED	10/13	104°-62°	79°-44°	IF				9	22	0.28/0.9	1/4.6	745/26.3	82.5 x 106/3.2 x 4.2	77	Snap-on	HB-23 (provided)	CL-76 (provided)
AF-S NIKKOR 18-35mm f/3.5-4.5G ED	8/12	100°-63°	76°-44°	IF				7	22-29	0.28/0.92	1/5	385/13.6	83 x 95/3.3 x 3.7	77	Snap-on	HB-66 (provided)	CL-1118 (provided)
■ NORMAL ZOOM NIKKOR LENSES [p7-p11]																	
AF-S DX NIKKOR 16-85mm f/3.5-5.6G ED VR	11/17	—	83°-18°50'	IF	3.5	Normal / Active		7	22-36	0.38/1.3	1/4.6	485/17.1	72 x 85/2.8 x 3.4	67	Snap-on	HB-39 (provided)	CL-1015 (provided)
AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED	10/14	—	79°-28°50'	IF				9	22	0.36/1.2*10	1/5	755/26.6	85.5 x 110.5/3.4 x 4.4	77	Snap-on	HB-31 (provided)	CL-1120 (provided)
AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR	8/11	—	76°-28°50'		3.0	Normal		7	22-36	0.28/0.9	1/3.2	265/9.4	73 x 79.5/2.9 x 3.1	52	Snap-on	HB-45 (optional)	CL-0815 (optional)
AF-S DX Zoom-Nikkor 18-55mm f/3.5-5.6G ED II	5/7	—	76°-28°50'					7	22-38	0.28/0.9	1/3.2	205/7.2	70.5 x 74/2.8 x 2.9	52	Snap-on	HB-45 (optional)	CL-0815 (optional)*15
AF-S DX NIKKOR 18-105mm f/3.5-5.6G ED VR	11/15	—	76°-15°20'	IF	3.5	Normal		7	22-38	0.45/1.5	1/5	420/14.8	76 x 89/2.9 x 3.5	67	Snap-on	HB-32 (provided)	CL-1018 (provided)
AF-S DX NIKKOR 18-140mm f/3.5-5.6G ED VR	12/17	—	76°-11°30'	IF	4.0	Normal		7	22-38	0.45/1.48	1/4.3	490/17.3	78 x 97/3.1 x 3.8	67	Snap-on	HB-32 (optional)	CL-1018 (optional)
AF-S DX NIKKOR 18-200mm f/3.5-5.6G ED VR II	12/16	—	76°-8°	IF	3.5	Normal / Active		7	22-36	0.5/1.6	1/4.5	565/19.9	77 x 96.5/3.0 x 3.8	72	Snap-on	HB-35 (provided)	CL-1018 (provided)
AF-S DX NIKKOR 18-300mm f/3.5-5.6G ED VR	14/19	—	76°-5°20'	IF	3.5	Normal / Active		9	22-32	0.45/1.48*11	1/3.2	830/29.3	83 x 120/3.3 x 4.7	77	Snap-on	HB-58 (provided)	CL-1120 (provided)
AF-S NIKKOR 24-70mm f/2.8G ED	11/15	84°-34°20'	61°-22°50'	IF				9	22	0.38/1.2*12	1/3.7	900/31.7	83 x 133/3.3 x 5.2	77	Snap-on	HB-40 (provided)	CL-M3 (provided)
AF Zoom-Nikkor 24-85mm f/2.8-4D IF	11/15	84°-28°30'	61°-18°50'	IF				9	22-32	0.5/1.6 (0.21/0.7)*7	1/5.9 (1/2)*7	545/19.2	78.5 x 82.5/3.1 x 3.2	72	Snap-on	HB-25 (provided)	CL-S2 (optional)
AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR	11/16	84°-28°30'	61°-18°50'	IF	4.0	Normal		7	22-29	0.38/1.25	1/4.5	465/16.4	78 x 82/3.1 x 3.2	72	Snap-on	HB-63 (provided)	CL-1118 (provided)
AF-S NIKKOR 24-120mm f/4G ED VR	13/17	84°-20°20'	61°-13°20'	IF	3.5	Normal / Active		9	22	0.45/1.5	1/4.2	710/25	84 x 103.5/3.3 x 4.1	77	Snap-on	HB-53 (provided)	CL-1218 (provided)
AF-S NIKKOR 28-300mm f/3.5-5.6G ED VR	14/19	75°-8°10'	53°-5°20'	IF	3.5	Normal / Active		9	22-38	0.5/1.6	1/3.1	800/28.2	83 x 114.5/3.3 x 4.5	77	Snap-on	HB-50 (provided)	CL-1120 (provided)
■ TELEPHOTO ZOOM NIKKOR LENSES [p12-p15]																	
AF-S DX VR Zoom-Nikkor 55-200mm f/4-5.6G IF-ED	11/15	—	28°50'-8°	IF	3.0	Normal		7	22-32	1.1/3.6	1/4.4	335/11.8	73 x 99.5/2.9 x 3.9	52	Snap-on	HB-37 (provided)	CL-0918 (provided)
AF-S DX NIKKOR 55-300mm f/4.5-5.6G ED VR	11/17	—	28°50'-5°20'		3.0	Normal		9	22-29	1.4/4.59	1/3.6	530/18.7	76.5 x 123/13.0 x 4.8	58	Snap-on	HB-57 (provided)	CL-1020 (provided)
AF-S NIKKOR 70-200mm f/2.8G ED VR II*13	16/21	34°20'-12°20'	22°50'-8°	IF	3.5	Normal / Active		9	22	1.4/4.6	1/8.6	1540 (1460)/54.3 (51.5)*14	87 x 205.5/3.4 x 8.2	77	Snap-on	HB-48 (provided)	CL-M2 (provided)
AF-S NIKKOR 70-200mm f/4G ED VR	14/20	34°20'-12°20'	22°50'-8°	IF	4.0	Normal / Active		9	32	1.0/3.28	1/3.6	850/30.0	78 x 178.5/3.1 x 7.0	67	Snap-on	HB-60 (provided)	CL-1225 (provided)
AF-S VR Zoom-Nikkor 70-300mm f/4.5-5.6G IF-ED	12/17	34°20'-8°10'	22°50'-5°20'	IF	2.5	Normal / Active		9	32-40	1.5/4.9	1/4	745/26.3	80 x 143.5/3.1 x 5.6	67	Snap-on	HB-36 (provided)	CL-1022 (provided)
AF Zoom-Nikkor 80-200mm f/2.8D ED*13	11/16	30°10'-12°20'	20°-8°					9	22	1.8/6 (1.5/4.9)*6	1/7.1 (1/5.9)*6	1300/45.9	87 x 187/3.4 x 7.4	77	Snap-on	HB-7 (optional)	CL-43A (provided)
AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR*13	12/20	30°10'-6°10'	20°-4°	IF	4.0	Normal / Active	√	9	32-40	1.75/5.74 (1.5/4.92)*5	1/5.7 (1/5.1)*5	1570/55.4	95.5 x 203/3.8 x 8.0	77	Snap-on	HB-65 (provided)	CL-M2 (provided)
AF-S NIKKOR 200-400mm f/4G ED VR II	17/24	12°20'-6°10'	8°-4°	IF	3.0	Normal / Active	√	9	32	2/6.6 (1.95/6.4)*5	1/3.7(1/3.6)*5	3360/118.5	124 x 365.5/4.9 x 14.4	52	Slip-on	HK-30 (provided)	CL-L2 (provided)
■ FIXED FOCAL-LENGTH NIKKOR LENSES [p16-p23]																	
AF Nikkor 14mm f/2.8D ED	12/14	114°	90°	RF				7	22	0.2/0.66	1/6.7	670/23.6	87 x 86.5/3.4 x 3.4	Gelatin filter	Slip-on	Built-in	CL-S2 (provided)
AF Nikkor 20mm f/2.8D*16	9/12	94°	70°					7	22	0.25/0.85	1/8.3	270/9.5	69 x 42.5/2.7 x 1.7	62	Snap-on	HB-4 (optional)	CL-S2 (optional)
AF-S NIKKOR 24mm f/1.4G ED	10/12	84°	61°	RF				9	16	0.25/0.82	1/5.6	620/21.9	83 x 88.5/3.3 x 3.5	77	Snap-on	HB-51 (provided)	CL-1118 (provided)
AF Nikkor 24mm f/2.8D*16	9/9	84°	61°					7	22	0.3/1	1/8.9	270/9.5	64.5 x 46/2.5 x 1.8	52	Snap-on	HN-1 (optional)	CL-0715 (optional)
AF-S NIKKOR 28mm f/1.8G	9/11	75°	53°	RF				7	16	0.25/0.82	1/4.6	330/11.6	73 x 80.5/2.9 x 3.2	67	Snap-on	HB-64 (provided)	CL-0915 (provided)
AF Nikkor 28mm f/2.8D	6/6	74°	53°					7	22	0.25/0.85	1/5.6	205/7.2	65 x 44.5/2.6 x 1.8	52	Snap-on	HN-2 (optional)	CL-0715 (optional)
AF-S NIKKOR 35mm f/1.4G	7/10	63°	44°	RF				9	16	0.3/0.98	1/5	600/21.2	83 x 89.5/3.3 x 3.5	67	Snap-on	HB-59 (provided)	CL-1118 (provided)
AF-S DX NIKKOR 35mm f/1.8G	6/8	—	44°	RF				7	22	0.3/0.98	1/6.1	200/7.0	70 x 52.5/2.8 x 2.1	52	Snap-on	HB-46 (provided)	CL-0913 (provided)
AF Nikkor 35mm f/2D	5/6	62°	44°					7	22	0.25/0.85	1/4.2	205/7.2	64.5 x 43.5/2.5 x 1.7	52	Snap-on	HN-3 (optional)	CL-0715 (optional)
AF-S NIKKOR 50mm f/1.4G	7/8	46°	31°30'					9	16	0.45/1.5	1/6.8	280/9.9	73.5 x 54/2.9 x 2.1	58	Snap-on	HB-47 (provided)	CL-1013 (provided)
AF Nikkor 50mm f/1.4D	6/7	46°	31°30'					7	16	0.45/1.5	1/6.8	230/8.1	64.5 x 42.5/2.5 x 1.7	52	Snap-on	HR-2 (optional)	CL-0715 (optional)
AF-S NIKKOR 50mm f/1.8G	6/7	47°	31°30'					7	16	0.45/1.48	1/6.7	185/6.6	72 x 52.5/2.8 x 2.1	58	Snap-on	HB-47 (provided)	CL-1013 (provided)
AF Nikkor 50mm f/1.8D	5/6	46°	31°30'					7	22	0.45/1.5	1/6.6	155/5.5	63.5 x 39/2.5 x 1.5	52	Snap-on	HR-2 (optional)	CL-0715 (optional)
AF-S NIKKOR 58mm f/1.4G	6/9	40°50'	27°20'					9	16	0.58/1.9	1/8	385/13.6	85 x 70/3.4 x 2.8	72	Snap-on	HB-68 (provided)	CL-1015 (provided)
AF-S NIKKOR 85mm f/1.4G	9/10	28°30'	18°50'	IF				9	16	0.85/2.79	1/8.3	595/21.0	86.5 x 84/3.4 x 3.3	77	Snap-on	HB-55 (provided)	CL-1118 (provided)
AF NIKKOR 85mm f/1.4D IF	8/9	28°30'	18°50'	IF				9	16	0.85/2.8	1/8.8	550/19.4	80 x 72.5/3.1 x 2.9	77	Snap-on	HB-31 (provided)	CL-0915 (optional)
AF-S NIKKOR 85mm f/1.8G	9/9	28°30'	18°50'	IF				7	16	0.8/2.62	1/8.1	350/12.4	80 x 73/3.1 x 2.9	67	Snap-on	HB-62 (provided)	CL-1015 (provided)
AF DC-Nikkor 105mm f/2D	6/6	23°20'	15°20'	RF				9	16	0.9/3	1/7.7	620/21.9	79 x 111/3.1 x 4.4	72	Snap-on	Built-in	CL-38 (optional)
AF DC-Nikkor 135mm f/2D	6/7	18°	12°	RF				9	16	1.1/4	1/7.1	815/28.7	79 x 120/3.1 x 4.7	72	Snap-on	Built-in	CL-38 (optional)
AF Nikkor 180mm f/2.8D IF-ED	6/8	13°40'	9°	IF				9	22	1.5/5	1/6.6	760/26.8	78.5 x 144/3.1 x 5.7	72	Snap-on	Built-in	CL-38 (provided)
AF-S NIKKOR 200mm f/2G ED VR II*13	9/13	12°20'	8°	IF	3.0	Normal / Active	√	9	22	1.9/6.2	1/8.1	2930/103.4	124 x 203.5/4.9 x 8.0	52	Slip-on	HK-31 (provided)	CL-L1 (provided)
AF-S NIKKOR 300mm f/2.8G ED VR II*13	8/11	8°10'	5°20'	IF	3.0	Normal / Active	√	9	22	2.3/7.5 (2.2/7.2)*5	1/6.4 (1/6.1)*5	2900/102.3	124 x 267.5/4.9 x 10.5	52	Slip-on	HK-30 (provided)	CL-L1 (provided)
AF-S Nikkor 300mm f/4D IF-ED (black, light gray)*13	6/10	8°10'	5°20'	IF				9	32	1.45/4.8	1/3.7	1440 (1300)/50.8 (45.9)*14	90 x 222.5/3.5 x 8.8	77	Snap-on	Built-in	CL-M2 (provided)
AF-S NIKKOR 400mm f/2.8G ED VR*13	11/14	6°10'	4°	IF	3.0	Normal / Tripod	√	9	22	2.9/9.5 (2.8/9.2)*5	1/6.3 (1/6.1)*5	4620/163.0	159.5 x 368/6.3 x 14.5	52	Slip-on	HK-33 (provided)	CT-404 (provided)
AF-S NIKKOR 500mm f/4G ED VR*13	11/14	5°	3°10'	IF	3.0	Normal / Tripod	√	9	22	4.0/13.1 (3.85/12.6)*5	1/6.9 (1/6.6)*5	3880/136.9	139.5 x 391/5.5 x 15.4	52	Slip-on	HK-34 (provided)	CT-504 (provided)
AF-S NIKKOR 600mm f/4G ED VR*13	12/15	4°10'	2°40'	IF	2.5	Normal / Tripod	√	9	22	5.0/16.4 (4.8/15.7)*5	1/7.4 (1/7.1)*5	5060/178.5	166 x 445/6.5 x 17.5	52	Slip-on	HK-35 (provided)	CT-607 (provided)
AF-S NIKKOR 800mm f/5.6E FL ED VR*13	13/20	3°10'	2°	IF	4.5	Normal / Active	√	9	32	5.9/19.36 (5.8/19.03)*5	1/6.6 (1/6.4)*5	4590/162.0	160 x 461/6.3 x 18.2	52	Snap-on	HB-38 (provided)	CT-801 (provided)
■ SPECIAL-PURPOSE NIKKOR LENSES [p24-p27]																	
AF DX Fisheye-Nikkor 10.5mm f/2.8G ED*16	7/10	—	180°					7	22	0.14/0.5	1/5	305/10.8	63 x 62.5/2.5 x 2.5	Gelatin filter	Slip-on	Built-in	CL-0715 (provided)
AF Fisheye-Nikkor 16mm f/2.8D*16	5/8	180°	107°					7	22	0.25/0.85	1/10	290/10.2	63 x 57/2.5 x 2.2	Rear-attachment type	Slip-on	Built-in	CL-0715 (optional)
AF-S DX Micro NIKKOR 40mm f/2.8G*16	7/9	—	38°50'					7	22	0.163/0.53	1	235/8.3	68.5 x 64.5/2.7 x 2.5	52	Snap-on	HB-61 (provided)	CL-0915 (provided)
AF-S Micro NIKKOR 60mm f/2.8G ED	9/12	39°40'	26°30'	IF				9	32	0.185/0.6	1	425/15.0	73 x 89/2.9 x 3.5	62	Snap-on	HB-42 (provided)	CL-1018 (provided)
AF Micro-Nikkor 60mm f/2.8D*16	7/8	39°40'	26°30'					7	32	0.219/8 3/4 in.	1	440/15.5	70 x 74.5/2.8 x 2.9	62	Snap-on	HN-22 (optional)	CL-0815 (optional)
AF-S DX Micro NIKKOR 85mm f/3.5G ED VR	10/14	—	18°50'	IF	3.0	Normal		9	32	0.286/0.9	1	355/12.5	73 x 98.5/2.9 x 3.9	52	Snap-on	HB-37 (provided)	CL-1018 (provided)
AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED	12/14	23°20'	15°20'	IF	3.0	Normal		9	32	0.314/1	1	720/25.4	83 x 116/3.3 x 4.6	62	Snap-on	HB-38 (provided)	CL-1020 (provided)
AF Micro-Nikkor 200mm f/4D IF-ED*13*16	8/13	12°20'	8°	IF				9	32	0.5/1 5/8	1	1190/41.9	76 x 193/3.0 x 7.6	62	Snap-on	HN-30 (optional)	CL-45 (provided)
PC-E NIKKOR 24mm f/3.5D ED*17	10/13	84°	61°	RF				9	32	0.21/0.75	1/2.7	730/25.7	82.5 x 108/3.2 x 4.3	77	Snap-on	HB-41 (provided)	CL-1120 (provided)
PC-E Micro NIKKOR 45mm f/2.8D ED*16*17	8/9	51°	34°50'					9	32	0.253/0.83	1/2	740/26.1	82.5 x 112/3.2 x 4.4	77	Snap-on	HB-43 (provided)	CL-1120 (provided)
PC-E Micro NIKKOR 85mm f/2.8D*16*17	5/6	28°30'	18°50'					9	32	0.39/1.3	1/2	635/22.4	83.5 x 107/3.3 x 4.2	77	Snap-on	HB-22 (provided)	CL-1120 (provided)

When using the D5300, D5200, D5100, D5000, D3200, D3100, D3000, D60 and D40 series, autofocusing is possible only with AF-S or AF-I lenses that have the motor built-in.

*1 With the IF (Internal Focusing) system, the shorter the shooting distance, the shorter the focal length becomes because of its optical characteristics.

*2 Based on CIPA Standard. This value is achieved when: DX-format lenses are attached to a DX-format digital SLR camera, FX-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position.

*3 Minimum focus distance is the distance from a camera's focal plane mark to the subject.

*4 Lens hood names indicate type: HB (bayonet), HN (screw-on), HK (slip-on), HS (snap-on) and HR (rubber screw-on).

*5 Number in ( ) is for MF.

*6 Number in ( ) is for macro setting.

*7 Number in ( ) is for macro setting at 85 mm telephoto end.

*8 When in between 18-24 mm.

*9 When in between 20-28 mm.

*10 When in 35 mm.

*11 When in 300 mm.

*12 When in between 35-50 mm.

*13 Tripod mounting collar is provided.

*14 Number in ( ) is the weight without tripod mounting collar.

*15 Use CL-0715 instead if you are using the lens hood HB-33.

*16 Close-Range Correction (CRC) system

*17 Using shifting and/or tilting under some conditions may cause vignetting.

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