



At the heart of the image

NIKKOR LENSES



Nikon
100th
anniversary

100
million
NIKKOR



NIKKOR
Capture more. Create more.

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. The unrivaled lineup of NIKKOR interchangeable lenses for Nikon D-SLRs covers a wide range of focal lengths and provides an extensive selection of fixed-focal-length, zoom, fisheye, micro and perspective-control models. 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.

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A history of exceptional performance — NIKKOR lenses

Nikon began producing lenses under the NIKKOR name in 1933, and since then more than 100 million lenses have been sold worldwide. Throughout the years, our unwavering commitment to quality and innovation has yielded many breakthroughs in the photographic industry. For example, Nikon introduced the Nikkor Auto 24mm f/2.8 incorporating the Nikon-pioneered Close-Range Correction (CRC) system in 1967, and started production of aspherical lenses in 1968. In addition, Nikon developed ED (Extra-low Dispersion) glass which made its first appearance in the 300mm f/2.8 ED Nikkor telephoto in 1971, and is now incorporated in many other NIKKOR lenses. While in 2003, Nikon produced the AF-S DX Zoom-Nikkor 12-24mm f/4G IF-ED, as the first lens optimized for Nikon DX-format digital SLRs in the DX NIKKOR series. These are just a few of the many achievements in lens design that exemplify Nikon's position as the world's preeminent manufacturer of professional photographic equipment. The following sections provide technical information that will help you understand more fully how NIKKOR lenses deliver superior performance, and are therefore the ideal partners for your Nikon SLR.

The Nikon F lens mount — a tradition of continuity

The debut of the original Nikon F in 1959 also marked the introduction of what is perhaps its most significant technological innovation — the Nikon F lens mount. Since then, the mount has been inherited without changing its basic structure, and compatibility with new lenses has been consecutively maintained, which enables use of the current over 100 NIKKOR lenses even with the latest digital SLRs, achieving an impressive variety of image expressions. This is just one example of why the Nikon F mount continues to be an important part of Nikon camera equipment design.

Where it all begins — Nikon glassworks

To make the finest lens elements, you must begin with the finest optical glass. Nikon is one of a few manufacturers that consistently covers all stages from development of optical glass to final lens production. This means Nikon possesses diverse technologies and knowhow that other manufacturers cannot offer. For example, optical glass production facilities are designed, assembled and regulated within Nikon. Such skills enable improvement of facilities to meet the required specifications for Nikon. Manufacturing of optical glass is the first step in NIKKOR lens production,



and in each of the following steps, strict tests and inspections are repeatedly conducted, and high quality is realized through such procedures. For example, in terms of accuracy, the refractive index is guaranteed to six decimal places (maximum). This is one example in which highly accurate measurement and careful inspection ensure the utmost quality that enables every NIKKOR lens user to securely capture the decisive moments.

Lens designers of diverse sections — providing added values

A design team that determines required factors when productizing a lens supervises all development sections including mechanics, optics and electronics, and is also engaged in production technologies. Often, comfortable holding and operational feel are pursued in addition to autofocus speed and durability. Compact and lightweight design may be a crucial issue in developing a lens. For example, when the AF-S NIKKOR 24-70mm f/2.8E ED VR was developed in 2015, in cooperation with designers of several sections, a design featuring a compact and empowered SWM, VR system providing the highest effect among normal zoom lenses, and highly accurate exposure control was realized while maintaining high optical performance.

Highest quality — pursued in manufacturing procedures

At Tochigi Nikon, to maintain the highest quality, a variety of operations from index setting to evaluate productivity to adjustment of procedures according to the indexes to ensure improvement is conducted. The range of these operations also covers those for affiliated companies. Sometimes, an improvement

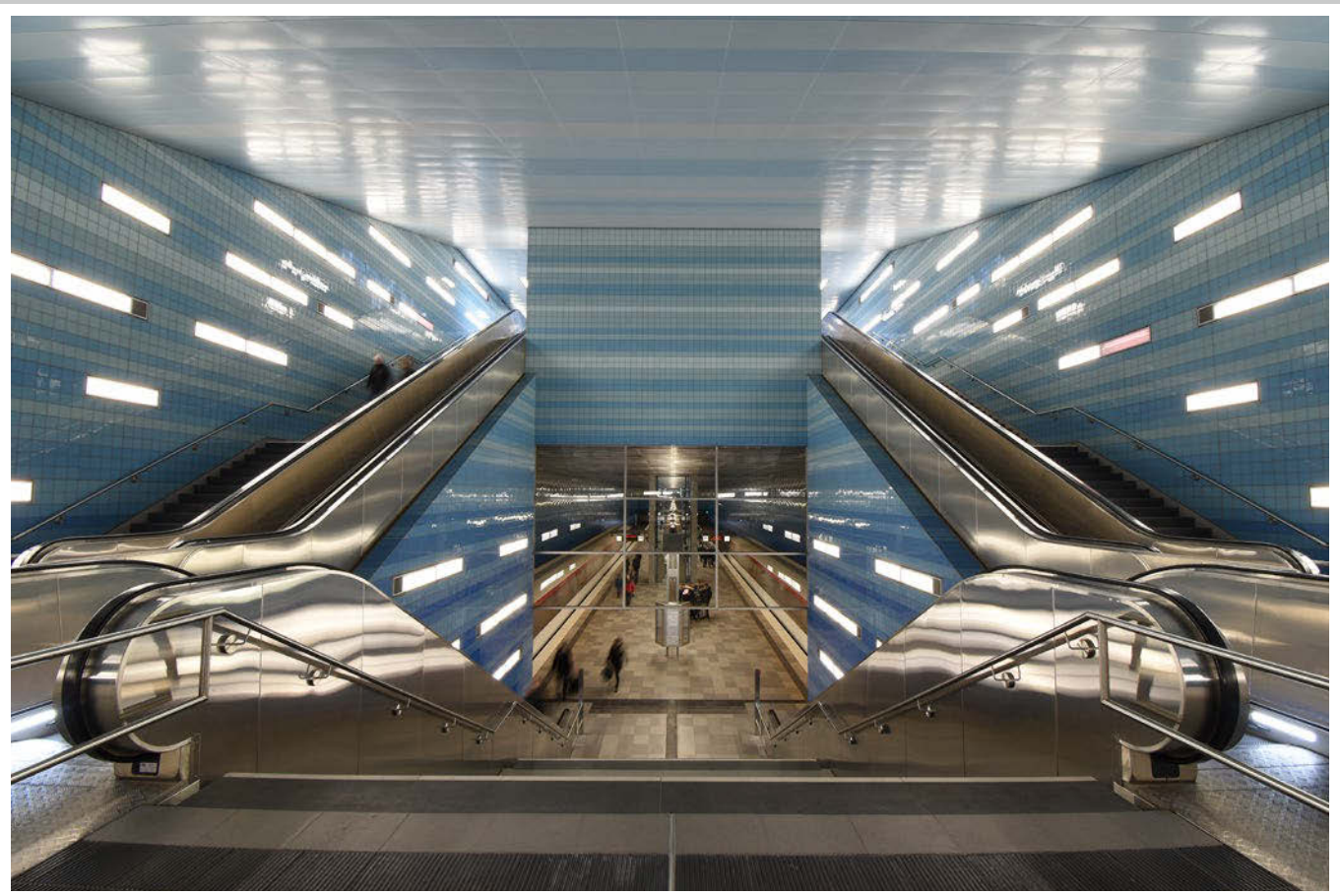
of acceptable product rate is required from overseas production factories. The acceptable product rate is closely related to sensory qualities such as external design and operational feel, and these factors are improved at the production site. Comprehensively improving overall quality by reducing defective products within manufacturing procedures results in high-quality products to be delivered to customers.

Reliability — lenses made to withstand the toughest conditions

Each NIKKOR lens is manufactured to meet the stringent requirements of customers. The optical glass is meticulously scrutinized to ensure it is free of imperfections, and after the process of casting, grinding, polishing and coating, one of the finest lens elements emerges. After being precisely mounted in lens barrels, the lens elements and their assemblies undergo a battery of tests and inspections, including vibration- and temperature-resistance analysis. All this is achieved with our accumulated technological knowhow that has been optimized and automated. In addition to these uncompromising tests, Nikon technicians further guarantee the performance of the final product by minutely inspecting each detail of every finished lens. They check to assure the mechanical construction, electronics, AF movement, zoom and aperture mechanisms, and lens resolution. Finally, all NIKKOR lenses are also intensively inspected just before they are shipped from the factory. All of which ensures that each lens does exactly what it's supposed to — provide the outstanding optical performance and reliability that make NIKKOR lenses the leading choice the world over.

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.



© Daniel Dohlus



AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR

Unique viewpoints turn into dramatic perspectives

Ultra-wide-angle zoom lens providing excellent image expression AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR **DX**



This highly portable zoom lens introduces DX-format users to the world of genuine ultra-wide-angle shooting. A stepping motor built into the lens contributes to quiet and smooth AF operation. The latest optical design incorporating three aspherical lens elements realizes superior image quality. Built-in Vibration Reduction (VR) function provides an effect equivalent to a shutter speed 3.5 stops* faster.

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

VRSTMASMAIF

10 mm 109°
20 mm 70°

Lens construction: 14 elements in 11 groups
Minimum focus distance: 0.22 m/0.8 ft
Maximum reproduction ratio: 0.17×
Filter-attachment size: 72 mm
Accessories: Hood HB-81 / Case CL-1015

An optical masterpiece: widest at 14 mm 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.

SWMNEDASMAIF

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: 0.14×
Filter-attachment size: Filter cannot be attached
Accessories: Built-in hood / Case CL-M3

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.

SWMEDASMAIF

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: 0.19×
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.

SWMEDASMAIF

12 mm 99°
24 mm 61°

Lens construction: 11 elements in 7 groups
Minimum focus distance: 0.3 m/1 ft
Maximum reproduction ratio: 0.12×
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / CL-S2 (optional)

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 (in 20-28mm)
Maximum reproduction ratio: 0.24×
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / Case CL-1120

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: 0.21×
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / Case CL-76



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

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/0.92 ft
Maximum reproduction ratio: 0.19×
Filter-attachment size: 77 mm
Accessories: Hood HB-66 / Case CL-1118

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.



© Andrew Hancock



AF-S DX NIKKOR 18-300mm f/3.5-6.3G ED VR

Make every photo opportunity come alive with dynamic zoom coverage

Normal zoom lens with superior depiction and high mobility

AF-S DX NIKKOR 16-80mm f/2.8-4E ED VR DX



Remarkably lightweight 5× normal zoom lens with a maximum aperture of f/2.8 at the maximum wide-angle position. This high-performance lens adopts the latest technologies such as Nano Crystal Coat, fluorine coat and electromagnetic diaphragm – all are firsts for DX-format lenses. Vibration Reduction (VR) provides an effect equivalent to a shutter speed 4.0 stops* faster in Normal mode. Utilizing its excellent rendering and superior mobility, genuine shooting can be enjoyed during travel.

VR SWM N ED AS M/A IF 16 mm 83° 80 mm 20°



Lens construction: 17 elements in 13 groups
Minimum focus distance: 0.35 m/1.15 ft
Maximum reproduction ratio: 0.22×
Filter-attachment size: 72 mm
Accessories: Hood HB-75 / Case CL-1218 (optional)

AF-P normal zoom lenses employing a stepping motor

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



This compact and lightweight, 3.1× normal zoom lens realizes fast and quiet AF operation via the adoption of a stepping motor for AF drive. Two aspherical lens elements minimize lens aberrations for enhanced image quality. The Vibration Reduction (VR) system provides an effect equivalent to a shutter speed 4.0 stops* faster. Some lens settings can be adjusted through the camera.

VR STM AS M/A IF 18 mm 76° 55 mm 28°50'



(When retracted)

Lens construction: 12 elements in 9 groups
Minimum focus distance: 0.25 m/0.9 ft
Maximum reproduction ratio: 0.38×
Filter-attachment size: 55 mm
Accessories: Hood HB-N106 (optional) / Case CL-0815 (optional)

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 5.3× 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: 0.21×
Filter-attachment size: 67 mm
Accessories: Hood HB-39 / Case CL-1015

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



Incorporating a stepping motor for AF drive, this compact and lightweight, 3.1× normal zoom lens achieves fast and quiet AF operation. Two aspherical lens elements deliver superior optical performance with minimal lens aberrations. Adopting a setting system using the camera menus, some lens settings can be adjusted via the camera.

STM AS M/A IF 18 mm 76° 55 mm 28°50'



(When retracted)

Lens construction: 12 elements in 9 groups
Minimum focus distance: 0.25 m/0.9 ft
Maximum reproduction ratio: 0.38×
Filter-attachment size: 55 mm
Accessories: Hood HB-N106 (optional) / Case CL-0815 (optional)

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 (in 35 mm)
Maximum reproduction ratio: 0.20×
Filter-attachment size: 77 mm
Accessories: Hood HB-31 / Case CL-1120

Remarkably compact and light, DX-format standard zoom lens

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



(When retracted)

The employment of a retractable-lens mechanism enables a compact and light body. The high-performance optical design incorporating an aspherical lens element delivers high-definition images throughout the entire zoom range. Built-in Vibration Reduction (VR) provides an effect equivalent to a shutter speed 4.0 stops* faster. With 0.25 m/0.8 ft minimum focus distance, you can get much closer to the subject.

VR SWM AS A-M 18 mm 76° 55 mm 28°50'



(When retracted)

Lens construction: 11 elements in 8 groups
Minimum focus distance: 0.28 m/0.92 ft (AF); 0.25 m/0.82 ft (MF)
Maximum reproduction ratio: 0.30× (AF); 0.36× (MF)
Filter-attachment size: 52 mm
Accessories: Hood HB-69 (optional) / Case CL-0815 (optional)

High-powered zoom with VR for DX photographers

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



This powerful, approx. 5.8× 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: 0.20×
Filter-attachment size: 67 mm
Accessories: Hood HB-32 / Case CL-1018

Versatile, high-power zooms with stunning image quality

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



The powerful, approx. 7.8× 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: 0.23×
Filter-attachment size: 67 mm
Accessories: Hood HB-32 (optional) / Case CL-1018 (optional)

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. 11× 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: 0.22×
Filter-attachment size: 72 mm
Accessories: Hood HB-35 / Case CL-1018



AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR © Kenta Aminaka

Aspherical lens elements ED glass elements

*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.

Compact and light, ultra-high-power zoom with VR

AF-S DX NIKKOR 18-300mm f/3.5-6.3G ED VR DX



A compact and light body is achieved while featuring high-power approx. 16.7× zoom capability. High optical performance is realized with the employment of three ED glass and three aspherical lens elements. Vibration Reduction (VR) provides an effect equivalent to a shutter speed 4.0 stops* faster. This well-balanced high-power zoom lens is ideal for capturing diverse subjects with a single lens.

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



Lens construction: 16 elements in 12 groups
Minimum focus distance: 0.48 m/1.6 ft
Maximum reproduction ratio: 0.29×
Filter-attachment size: 67 mm
Accessories: Hood HB-39 (optional)/Case CL-1018 (optional)

DX-format, ultra-high-power 16.7× zoom lens with VR

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



Despite having an unprecedented approx. 16.7× 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 (in 300 mm)
Maximum reproduction ratio: 0.31×
Filter-attachment size: 77 mm
Accessories: Hood HB-58 / Case CL-1120

Practical standard zoom lens with VR and Nano Crystal Coat

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



This versatile 5× 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: 0.23×
Filter-attachment size: 77 mm
Accessories: Hood HB-53 / Case CL-1218

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 candid. 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: 0.22×
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 1/2× 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: 0.17× (0.50× in 85mm in macro)
Filter-attachment size: 72 mm
Accessories: Hood HB-25 / Case CL-S2 (optional)

Versatile, high-powered 11× 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: 0.31×
Filter-attachment size: 77 mm
Accessories: Hood HB-50 / Case CL-1120



AF-S NIKKOR 24-70mm f/2.8E ED VR © Kate Hopewell-Smith

High-performance, fast normal zoom lens with an aspherical ED glass element

AF-S NIKKOR 24-70mm f/2.8E ED VR



2.9× normal zoom lens with VR and f/2.8 fixed maximum aperture. Employs an aspherical ED glass element – a first for NIKKOR lenses, ED glass and HRI lens elements plus Nano Crystal Coat to achieve high optical performance delivering high-resolution images with natural blurring effect. Evolved Vibration Reduction (VR) provides an effect equivalent to a shutter speed 4.0 stops* faster. Higher-speed and more accurate AF is ensured, while stable AE control is realized even during high-speed continuous shooting via the adoption of an electromagnetic diaphragm mechanism. Fluorine coat is applied to the extreme front and rear lens surfaces for easy maintenance. Highly durable body is designed to withstand the severest shooting environments of professionals, while retaining superb operability and comfortable holding.

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



Lens construction: 20 elements in 16 groups
Minimum focus distance: 0.38 m/1.25 ft (in 35-50 mm), 0.41 m/1.35 ft (in 24, 28, 70 mm)
Maximum reproduction ratio: 0.28×
Filter-attachment size: 82 mm
Accessories: Hood HB-74 / Case CL-M3

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: 0.26×
Filter-attachment size: 77 mm
Accessories: Hood HB-40 / Case CL-M3

Aspherical lens elements Aspherical ED glass element ED glass elements

*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.

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.



© Jaanus Ree



AF-S NIKKOR 70-200mm f/2.8E FL ED VR

Nail the decisive moment
and capture the action from a distance

Telephoto zoom lens featuring a retractable lens mechanism AF-S DX NIKKOR 55-200mm f/4-5.6G ED VR II DX



Featuring a 55-200 mm focal-length range and f/4-5.6 maximum aperture, this telephoto zoom lens adopts a retractable barrel mechanism to realize remarkably compact size. Vibration Reduction (VR) provides an effect equivalent to a shutter speed 4.0 stops* faster. The employment of an ED glass element achieves superior optical performance with minimal chromatic aberration.

VR

SWM

ED

A-M

IF

55 mm 28°50'

200 mm 8°

Lens construction: 13 elements in 9 groups

Minimum focus distance: 1.1 m/3.7 ft

Maximum reproduction ratio: 0.23×

Filter-attachment size: 52 mm

Accessories: Hood HB-37 (optional) / Case CL-0915 (optional)

Agile and reliable, fast telephoto zoom lens for professionals AF-S NIKKOR 70-200mm f/2.8E FL ED VR



This fast f/2.8 telephoto zoom achieves remarkably light weight, enabling highly agile shooting in diverse situations. Movable parts and other sections are sealed to maximize dust- and drip-resistant performance. Further enhanced optical performance is realized with a newly developed optical system and the adoption of fluorite, ED glass, HRI lens and Nano Crystal Coat. The VR system that provides an effect equivalent to 4.0 stops* faster in Normal mode also features Sport mode and improved performance right after the power-on. AF drive and AF tracking performance has been enhanced, while stable AE control is obtained with the adoption of an electromagnetic diaphragm mechanism. Shorter minimum focus distance and increased maximum reproduction ratio deliver photographic expression similar to close-up shooting. Smooth operability is ensured with well-balanced, comfortable holding and four focus function buttons.

VR

SWM

N

FL

ED

HRI

M/A

A/M

IF

70 mm 34°20'

200 mm 12°20'

Lens construction: 22 elements in 18 groups

Minimum focus distance: 1.1 m/3.61 ft

Maximum reproduction ratio: 0.21×

Filter-attachment size: 77 mm

Accessories: Hood HB-78 / Case CL-M2

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 supertelephoto 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: 0.27×

Filter-attachment size: 58 mm

Accessories: Hood HB-57 / Case CL-1020



AF-S NIKKOR 70-200mm f/2.8E FL ED VR © Jaanus Ree

*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.

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

Lens construction: 21 elements in 16 groups
Minimum focus distance: 1.4 m/4.6 ft
Maximum reproduction ratio: 0.11×
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

Lens construction: 20 elements in 14 groups
Minimum focus distance: 1.0 m/3.28 ft
Maximum reproduction ratio: 0.27×
Filter-attachment size: 67 mm
Accessories: Hood HB-60 / Case CL-1225 / Tripod Collar Ring RT-1 (optional)

Approachable AF-P telephoto zoom lens

AF-P NIKKOR 70-300mm f/4.5-5.6E ED VR



This lens achieves image quality, performance and portability in a well-balanced way. The latest optical design incorporating one ED glass element provides high-resolution images throughout the zoom range. Built-in VR system (effect of 4.5 stops*) employs Sport mode that is particularly effective when shooting moving subjects. Stable AE control is obtained with the adoption of an electromagnetic diaphragm mechanism.

VR

STM

ED

M/A

A/M

IF

Lens construction: 18 elements in 14 groups
Minimum focus distance: 1.2 m/3.94 ft
Maximum reproduction ratio: 0.25×
Filter-attachment size: 67 mm
Accessories: Hood HB-82 / Case CL-1022



AF-P NIKKOR 70-300mm f/4.5-5.6E ED VR © Delly Carr

AF-P telephoto zoom lenses with ED glass

AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED VR

DX



Incorporating a stepping motor for AF drive, this compact and lightweight, 4.3× telephoto zoom lens enables fast and quiet AF operation. One ED glass element is employed to deliver high-quality images with minimal chromatic aberration. The built-in Vibration Reduction (VR) system provides an effect equivalent to a shutter speed 4.0 stops* faster. Some lens settings can be performed through the camera.

VR

STM

ED

M/A

IF

Lens construction: 14 elements in 10 groups
Minimum focus distance: 1.1 m/3.7 ft
Maximum reproduction ratio: 0.22×
Filter-attachment size: 58 mm
Accessories: Hood HB-77 (optional) / Case CL-1020 (optional)

AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED

DX



Compact and lightweight, this 4.3× telephoto zoom lens realizes fast and quiet AF operation. The employment of one ED glass element attains high-quality images with minimal chromatic aberration. Some lens settings can be performed via the camera.

STM

ED

M/A

IF

Lens construction: 14 elements in 10 groups
Minimum focus distance: 1.1 m/3.7 ft
Maximum reproduction ratio: 0.22×
Filter-attachment size: 58 mm
Accessories: Hood HB-77 (optional) / Case CL-1020 (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. 4.3× zoom range and Vibration Reduction (VR) with an effect equivalent to 2.5 stops* add to its utility for most telephoto shooting opportunities.

VR

SWM

ED

M/A

IF

Lens construction: 17 elements in 12 groups
Minimum focus distance: 1.5 m/4.9 ft
Maximum reproduction ratio: 0.24×
Filter-attachment size: 67 mm
Accessories: Hood HB-36 / Case CL-1022

: ED glass elements



AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED VR © Chris McLennan

*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.

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: 0.13× (0.17× in macro)

Filter-attachment size: 77 mm

Accessories: Hood HB-7 (optional) / Case CL-43A

Long-range, VR-enabled 400 mm zoom lens


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




This 5× 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 SUPER ED

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: 0.17× (AF); 0.19× (MF)

Filter-attachment size: 77 mm

Accessories: Hood HB-65 / Case CL-M2



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


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: 0.26× (AF); 0.27× (MF)

Filter-attachment size: 52 mm

Accessories: Hood HK-30 / Case CL-L2


Super-telephoto zoom lens with superb optical performance and VR

AF-S NIKKOR 200-500mm f/5.6E ED VR




This super-telephoto zoom lens covers 200-500 mm focal-length range with a fixed maximum aperture of f/5.6. Adoption of ED glass elements achieves superior optical performance with minimal chromatic aberration throughout the entire zoom range. Vibration Reduction (VR) system provides an effect equivalent to a shutter speed 4.5 stops* faster in Normal mode. Sport mode is adopted as a VR mode option to cope with quick movements. Stable AE control is ensured even during high-speed continuous shooting via the adoption of an electromagnetic diaphragm mechanism, enabling the capture of decisive moments of wild birds or flying aircraft.

VR SWM ED M/A IF



200 mm 12"20'
500 mm 5'



Lens construction: 19 elements in 12 groups

Minimum focus distance: 2.2 m/7.22 ft

Maximum reproduction ratio: 0.22×

Filter-attachment size: 95 mm

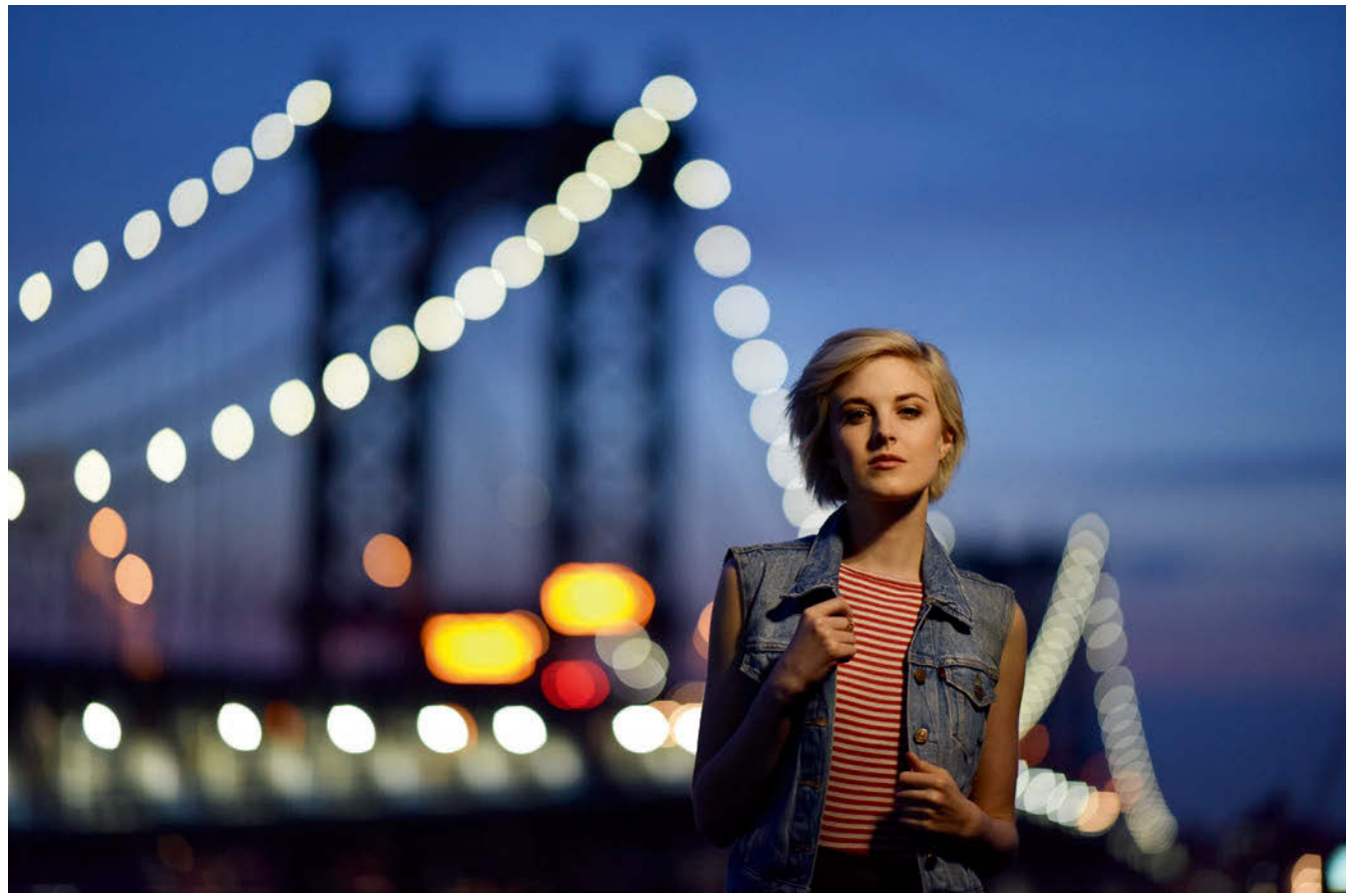
Accessories: Hood HB-71 / Case CL-1434

■ : ED glass elements ■ : Super ED glass element

*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.

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 800 mm super-telephoto, the NIKKOR fixed focal-length lineup gives your images a distinct personality.



© Drew Gurian



AF-S NIKKOR 105mm f/1.4E ED

Create individual depiction utilizing a unique perspective

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: 0.15×
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: 0.12×
Filter-attachment size: 62 mm
Accessories: Hood HB-4 (optional) / Case CL-S2 (optional)

Compact, ultra-wide-angle lens for elaborate expression

AF-S NIKKOR 20mm f/1.8G ED



This 20 mm lens enables photographic expression utilizing the shallow depth of field achieved at the maximum aperture of f/1.8. The latest optical design technology delivers high resolution and superb point-image reproduction while minimizing chromatic aberration. ED glass elements and Nano Crystal Coat ensure superior image quality. A great choice for landscapes and indoor shots.

SWM N ED AS M/A RF 94°



Lens construction: 13 elements in 11 groups
Minimum focus distance: 0.2 m/0.66 ft
Maximum reproduction ratio: 0.23×
Filter-attachment size: 77 mm
Accessories: Hood HB-72 / Case CL-1015

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.

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: 0.18×
Filter-attachment size: 77 mm
Accessories: Hood HB-51 / Case CL-1118

Compact and light, fast wide-angle lens with high image quality

AF-S NIKKOR 24mm f/1.8G ED



A fast, compact, lightweight, wide-angle prime lens that can create natural blur utilizing the maximum aperture of f/1.8. Employing Nano Crystal Coat, ED glass elements, and aspherical lens elements delivers superior optical performance with minimal ghost effect and chromatic aberration. The latest optical design technologies achieve superior resolution to the edges of the frame. Ideal for shooting wide landscapes.

SWM N ED AS M/A RF 84°



Lens construction: 12 elements in 9 groups
Minimum focus distance: 0.23 m/0.75 ft.
Maximum reproduction ratio: 0.20×
Filter-attachment size: 72 mm
Accessories: Hood HB-76 / Case CL-1015

Standard wide-angle lens 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: 0.11×
Filter-attachment size: 52 mm
Accessories: Hood HN-1 (optional) / Case CL-0715 (optional)

Fast wide-angle lens ideal for portraits and landscapes

AF-S NIKKOR 28mm f/1.4E ED



With an angle of view similar to the viewfield of human sight, naturally spreading space and depth can be reproduced. The maximum aperture of f/1.4 delivers large and beautiful bokeh characteristics. Two ED glass elements and three aspherical lens elements minimize various types of aberrations. Nano Crystal Coat effectively controls ghost and flare effects for clear images. The body is designed to ensure superb dust- and drip-resistant performance, while fluorine coat is applied for easy maintenance.

SWM N ED AS M/A RF 75°



Lens construction: 14 elements in 11 groups
Minimum focus distance: 0.28 m/0.92 ft
Maximum reproduction ratio: 0.17×
Filter-attachment size: 77 mm
Accessories: Hood HB-83 / Case CL-1118

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

AF-S NIKKOR 28mm f/1.8G



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.

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: 0.21×
Filter-attachment size: 67 mm
Accessories: Hood HB-64 / Case CL-0915



AF-S NIKKOR 28mm f/1.4E ED © Marko Marinkovic

Standard wide-angle lens for general purpose

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: 0.17×
Filter-attachment size: 52 mm
Accessories: Hood HN-2 (optional) / Case CL-0715 (optional)

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 RF 63°



Lens construction: 10 elements in 7 groups
Minimum focus distance: 0.3 m/0.98 ft
Maximum reproduction ratio: 0.19×
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: 0.16×
Filter-attachment size: 52 mm
Accessories: Hood HB-46 / Case CL-0913



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

Compact and light, fast wide-angle lens with high resolution

AF-S NIKKOR 35mm f/1.8G ED



This wide-angle prime lens realizes superior point-image reproduction. With its high resolving power and sharp rendering capability, impressive expression utilizing natural and beautiful bokeh for both foreground and background can be attained. It is ideal for snapshots as well as for capturing diverse scenes such as night landscapes, landscapes and portraits.

SWM ED AS M/A RF 63°



Lens construction: 11 elements in 8 groups
Minimum focus distance: 0.25 m/0.85 ft
Maximum reproduction ratio: 0.23×
Filter-attachment size: 58 mm
Accessories: Hood HB-70 / Case CL-0915

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: 0.23×
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: 0.14×
Filter-attachment size: 58 mm
Accessories: Hood HB-47 / Case CL-1013

Fast normal lens designed for the Nikon Df

AF-S NIKKOR 50mm f/1.8G (Special Edition)

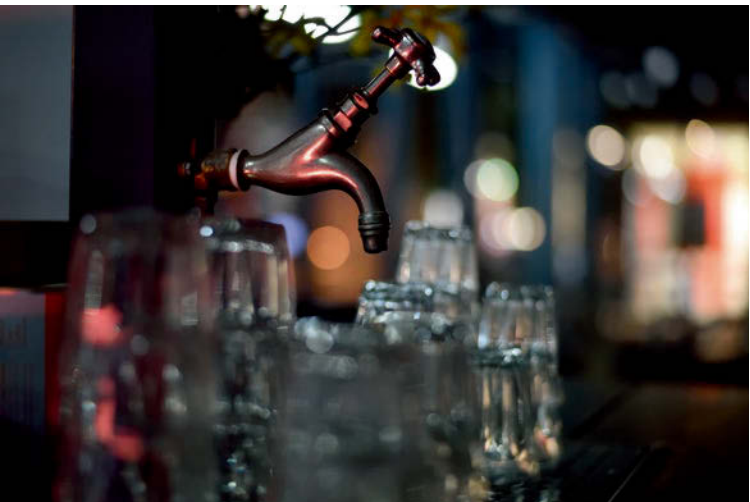


The current 50mm f/1.8G has been redesigned to achieve ideal matching with the smallest and lightest FX-format camera, the Nikon Df, maximizing its high optical performance and superior mobility. While paying homage to classic manual-focus lenses, its external design features leather-tone finish as well as a silver aluminum ring and knurled focus ring, all coordinated with the Df.

SWM AS M/A 47°



Lens construction: 7 elements in 6 groups
Minimum focus distance: 0.45 m/1.48 ft
Maximum reproduction ratio: 0.15×
Filter-attachment size: 58 mm
Accessories: Hood HB-47 / Case CL-1013



AF-S NIKKOR 50mm f/1.8G © Ryo Ohwada

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: 0.14×
Filter-attachment size: 52 mm
Accessories: Hood HR-2 (optional) / Case CL-0715 (optional)

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: 0.15×
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: 0.15×
Filter-attachment size: 52 mm
Accessories: Hood HR-2 (optional) / Case CL-0715 (optional)



AF-S NIKKOR 85mm f/1.4G © Cherie Stenberg Coté

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/1.9 ft
Maximum reproduction ratio: 0.12×
Filter-attachment size: 72 mm
Accessories: Hood HB-68 / Case CL-1015

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: 0.11×
Filter-attachment size: 77 mm
Accessories: Hood HB-55 / Case CL-1118

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.

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: 0.12×
Filter-attachment size: 67 mm
Accessories: Hood HB-62 / Case CL-1015

Fast, prime medium-telephoto lens delivering elaborate bokeh characteristics

AF-S NIKKOR 105mm f/1.4E ED



This fast, medium-telephoto lens provides a large and beautiful bokeh effect with smooth alteration from the focus plane, ensuring natural depth of subjects, via the embodiment of NIKKOR's unique design concept of "three-dimensional high fidelity". Superior optical performance achieves high resolution even in the peripheral areas, sharp rendering of distant subjects even at the maximum aperture, and high reproduction capability of point light sources. Three ED glass elements reduce chromatic aberration, while Nano Crystal Coat effectively minimizes ghost and flare effects. The latest design technology realizes an original optical system of 105mm f/1.4 with AF, and stable AE with an electromagnetic diaphragm mechanism. Fluorine coat is applied to lens surfaces for easy maintenance.

SWM N ED M/A IF 23° 10'



Lens construction: 14 elements in 9 groups
Minimum focus distance: 1.0 m/3.3 ft
Maximum reproduction ratio: 0.13×
Filter-attachment size: 82 mm
Accessories: Hood HB-79 / Case CL-1218

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: 0.15×
Filter-attachment size: 72 mm
Accessories: Built-in hood / Case CL-38

Aspherical lens elements
Super ED glass element

ED glass elements

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: 0.13×
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: 0.13×
Filter-attachment size: 72 mm
Accessories: Built-in hood / Case CL-38 (optional)

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.

*Based on CIPA Standard. This value is achieved when attached to an FX-format digital SLR camera.

VR SWM N SUPER ED 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: 0.12×
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: 0.15× (AF); 0.16× (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: 0.27×

Filter-attachment size: 77 mm

Accessories: Built-in hood / Case CL-M2



AF-S NIKKOR 300mm f/4E PF ED VR © Robert Bösch

Prime telephoto lens employing a PF (Phase Fresnel) lens

AF-S NIKKOR 300mm f/4E PF ED VR



This telephoto lens employs a PF (Phase Fresnel) lens element, a first in the NIKKOR lineup, to realize an outstandingly compact and light body while effectively minimizing chromatic aberration. High optical performance is also ensured with an ED glass element and Nano Crystal Coat. Vibration Reduction (VR) function provides an effect equivalent to a shutter speed 4.5 stops* faster in Normal mode. Ideal for capturing a wide range of scenes such as sports, wildlife, landscapes, and portraits.

VR

SWM

N

PF

ED

M/A

A/M

IF

8°10'

Lens construction: 16 elements in 10 groups

Minimum focus distance: 1.4 m/4.6 ft

Maximum reproduction ratio: 0.24×

Filter-attachment size: 77 mm

Accessories: Hood HB-73 / Case CL-M3 / Tripod Collar Ring RT-1 (optional)

Remarkably lightweight, high-performance super-telephoto lens

AF-S NIKKOR 400mm f/2.8E FL ED VR



This new-generation super-telephoto lens provides outstanding optical performance with minimized chromatic aberration. The weight of approx. 3800 g is realized through the employment of fluorites for superior mobility. Vibration Reduction (VR) with an effect equivalent to 4.0 stops* adopts a new “Sport” mode that is particularly effective when shooting sports. Other noticeable features include an electromagnetic diaphragm for stable exposure control even during continuous shooting, a highly reliable fluorine coat applied to the lens front, and a tripod mount ring incorporating bearings for smooth operation.

VR

SWM

N

FL

ED

M/A

A/M

IF

6°10'

Lens construction: 16 elements in 12 groups

Minimum focus distance: 2.6 m/8.5 ft

Maximum reproduction ratio: 0.17×

Filter-attachment size: 40.5 mm

Accessories: Hood HK-38 / Case CT-405

: ED glass elements : Fluorites : PF lens element

*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.

New-generation, super-telephoto lens achieving a light body and high optical performance

AF-S NIKKOR 500mm f/4E FL ED VR



This fast 500 mm super-telephoto lens with superior rendering is useful for sport scenes. Employing two fluorite lens elements realizes an extremely lightweight approx. 3090 g body. Besides fluorite elements, ED glass elements plus Nano Crystal Coat are employed to achieve high optical performance with minimal chromatic aberration and ghost effect. Vibration Reduction (VR) system (provides an effect equivalent to a shutter speed 4.0 stops* faster in Normal mode) adopts Sport mode as a VR mode option. Even during high-speed continuous shooting, superior AF tracking is achieved, while exposure is stably controlled with the adoption of an electromagnetic diaphragm mechanism. Tripod collar ring utilizing bearings enables smooth switching between horizontal and vertical orientation. Fluorine coat is applied for enhanced durability and dust prevention.

VR

SWM

N

FL

ED

M/A

A/M

IF

5°

Lens construction: 16 elements in 12 groups (plus one meniscus protective glass with fluorine coat)

Minimum focus distance: 3.6 m/11.9 ft

Maximum reproduction ratio: 0.15×

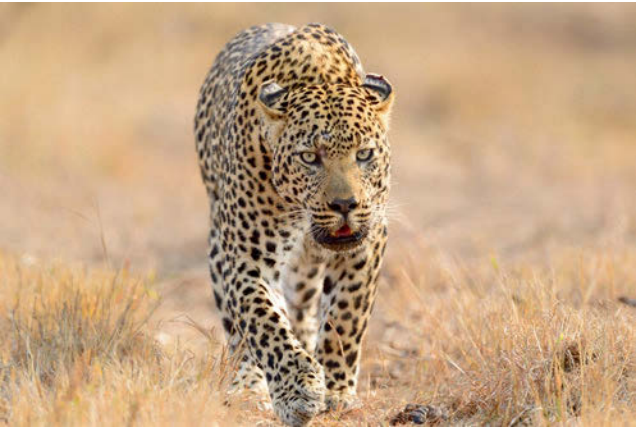
Filter-attachment size: 40.5 mm

Accessories: Hood HK-34 / Case CT-505

Overwhelming super-telephoto with fluorite

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

AF-S TELECONVERTER TC800-1.25E ED



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

New-generation, super-telephoto lens achieving a light body and high optical performance

AF-S NIKKOR 600mm f/4E FL ED VR



This fast 600 mm super-telephoto lens realizes superior optical performance in a remarkably light body. Employing two fluorite lens elements achieves an extremely lightweight approx. 3810 g body. In addition, ED glass elements and Nano Crystal Coat are employed to deliver high optical performance with minimal chromatic aberration and ghost effect. Vibration Reduction (VR) system provides an effect equivalent to a shutter speed 4.0 stops* faster in Normal mode. Sport mode is also adopted for providing stable viewfinder images even when tracking radically-moving subjects such as wild animals. Even during high-speed continuous shooting, superior AF tracking is achieved, while exposure is stably controlled with the adoption of an electromagnetic diaphragm mechanism. Tripod collar ring utilizing bearings enables smooth switching between horizontal and vertical orientation. Fluorine coat is applied for enhanced durability and dust prevention.

VR

SWM

N

FL

ED

M/A

A/M

IF

4°10'

Lens construction: 16 elements in 12 groups (plus one meniscus protective glass with fluorine coat)

Minimum focus distance: 4.4 m/14.4 ft

Maximum reproduction ratio: 0.14×

Filter-attachment size: 40.5 mm

Accessories: Hood HK-40 / Case CT-608

With its 800 mm focal length, this lens is what sports and press photographers have been waiting for. Employing fluorite, ED glass and Nano Crystal Coat, it delivers outstandingly clear images with minimized chromatic aberration, ghosting and flare. Super-telephoto shooting is reliably supported by an electromagnetic diaphragm mechanism and Vibration Reduction (VR) with an effect equivalent to 4.5 stops* (4.0 stops* with the AF-S TELECONVERTER TC800-1.25E ED). Thanks to the use of fluorite and magnesium alloy, a light yet durable lens is realized. With the dedicated 1.25× Teleconverter employing ED glass, focal length is extended to 1000 mm while retaining superior reproduction.

• 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 III, [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'

Lens construction: 20 elements in 13 groups

Minimum focus distance: 5.9 m/19.36 ft (AF); 5.8 m/19.03 ft (MF)

Maximum reproduction ratio: 0.15× (AF); 0.15× (MF)

Filter-attachment size: 52 mm

Accessories: Hood HK-38 / Case CT-801 / AF-S TELECONVERTER TC800-1.25E ED

With AF-S TELECONVERTER TC800-1.25E ED attached

[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.

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 × 16 mm/2.5 × 0.6 in.

*1 Focal length is extended by 1.25×.

*2 Distance from camera's lens-mount flange.

SPECIAL-PURPOSE NIKKOR LENSES

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



© Fabrice Wittner



AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED

Expand your possibilities to find new dimensions

PC LENSES/ PC MICRO LENSES

High-performance, ultrawide-angle lens with perspective control

PC NIKKOR 19mm f/4E ED



The 19 mm focal length of this lens provides an angle of view that is familiar to photographers of architecture and interiors. The mechanical structure of the shift mechanism allows smooth and precise adjustment of the shift position and eliminates the need for lock operation, ensuring comfortable shift operation. With a "PC Rotation" mechanism, the direction of tilt operation can be made parallel or perpendicular to shift according to diverse shooting situations. The latest design technology achieves superb optical performance delivering high resolution even at the periphery, as well as a flat image plane. Three ED glass and two aspherical lens elements, and Nano Crystal Coat are employed to further enhance image quality. Fluorine coat with high antifouling performance is applied for easy maintenance. This high-performance PC lens stimulates photographers' creativity, attaining refined and individual image expression.

Compatible cameras: The D5, D4 series, D3 series, Df, D850, D810 series and D500 can be used without any restriction. With the D800 series, D750, D700, D610, D600, D300 series, D7500, D7200, D7100, D7000, D5600, D5500, D5300, D5200, D5100, D5000, D3400, D3300, D3200 and D3100, some combinations of shift and rotation may not be available due to the lens contacting the camera body.

N ED AS RF 84°



Lens construction: 13 elements in 10 groups
Minimum focus distance: 0.21 m/0.75 ft
Maximum reproduction ratio: 0.36×
Filter-attachment size: 77 mm
Accessories: Case CL-1120

Medium-telephoto PC lens with macro capability

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 1/2× 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.

Compatible cameras: The D5, D4 series, D3 series, Df, D850, D810 series, D800 series, D750, D700, D610, D600, D500, D300 series, D7500, D7200, D7100, D7000, D90, D5600, D5500, D5300, D5200, D5100, D5000, D3400, D3300, D3200, D3100 and D3000 can be used without any restriction.

N CRC 28°30'



Lens construction: 6 elements in 5 groups
Minimum focus distance: 0.39 m/1.3 ft
Maximum reproduction ratio: 0.50×
Filter-attachment size: 77 mm
Accessories: Hood HB-22 / Case CL-1120

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 lenses for 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.

Compatible cameras: The D5, D4 series, D3 series and D500 can be used without any restriction. With the Df, D850, D810 series, D800 series, D750, D700, D610, D600, D300 series, D7500, D7200, D7100, D7000, D90, D5600, D5500, D5300, D5200, D5100, D5000, D3400, D3300, D3200, D3100 and D3000, some combinations of shift and rotation may not be available due to the lens contacting the camera body.

N ED AS RF 84°



Lens construction: 13 elements in 10 groups
Minimum focus distance: 0.21 m/0.75 ft
Maximum reproduction ratio: 0.36×
Filter-attachment size: 77 mm
Accessories: Hood HB-41 / 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 1/2× 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.

Compatible cameras: The D5, D4 series, D3 series, Df, D850, D810 series, D800 series, D750, D700, D610, D600, D500, D300 series, D7500, D7200, D7100, D7000, D90, D5600, D5500, D5300, D5200, D5100, D5000, D3400, D3300, D3200, D3100 and D3000 can be used without any restriction.

N ED CRC 51°



Lens construction: 9 elements in 8 groups
Minimum focus distance: 0.253 m/0.83 ft
Maximum reproduction ratio: 0.50×
Filter-attachment size: 77 mm
Accessories: Hood HB-43 / Case CL-1120

Aspherical lens elements

ED glass elements

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 (1×) 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



Lens construction: 9 elements in 7 groups
Minimum focus distance: 0.163 m/0.53 ft
Maximum reproduction ratio: 1.00×
Filter-attachment size: 52 mm
Accessories: Hood HB-61 / Case CL-0915

Compact and versatile standard micro lenses
AF-S Micro NIKKOR 60mm f/2.8G ED



Delivers stunningly sharp images up to life-size (1×) 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



Lens construction: 12 elements in 9 groups
Minimum focus distance: 0.185 m/0.6 ft
Maximum reproduction ratio: 1.00×
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 (1×). Ideal for general close-ups, portraits, landscapes, copy work and more.

A-M CRC



Lens construction: 8 elements in 7 groups
Minimum focus distance: 0.219 m/8 3/4 in.
Maximum reproduction ratio: 1.00×
Filter-attachment size: 62 mm
Accessories: Hood HN-22 (optional) / Case CL-0815 (optional)

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 (1×), this lens gives you amazing sharpness and background bokeh for close-up subjects, portraits, nature images and more.

*Based on CIPA Standard. This value is achieved when attached to a DX-format digital SLR camera.

VR SWM ED M/A IF



Lens construction: 14 elements in 10 groups
Minimum focus distance: 0.286 m/0.9 ft
Maximum reproduction ratio: 1.00×
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



Lens construction: 14 elements in 12 groups
Minimum focus distance: 0.314 m/1 ft
Maximum reproduction ratio: 1.00×
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 (1×), 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



Lens construction: 13 elements in 8 groups
Minimum focus distance: 0.5 m/1 5/8 ft
Maximum reproduction ratio: 1.00×
Filter-attachment size: 62 mm
Accessories: Hood HN-30 (optional) / Case CL-45

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.

NIKKOR's first fisheye zoom lens offering two fisheye effects
AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED



This fisheye zoom lens provides both circular and full-frame fisheye effects for elaborate image expression. Three ED glass elements reduce lateral chromatic aberration for sharp and high-contrast images. Nano Crystal Coat effectively controls ghost and flare effects that are likely to occur with a wide angle of view up to 180°, creating crisp, clear images. For enhanced reliability, a dust- and drip-resistant structure is employed, while fluorine coat ensures easy maintenance.

SWM N ED AS M/A IF



Lens construction: 15 elements in 13 groups
Minimum focus distance: 0.16 m/0.5 ft
Maximum reproduction ratio: 0.34×
Accessories: Hood HB-80 / Case CL-1218

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.

ED CRC



Lens construction: 10 elements in 7 groups
Minimum focus distance: 0.14 m/0.46 ft
Maximum reproduction ratio: 0.20×
Accessories: Built-in hood / Case CL-0715



AF-S Fisheye NIKKOR 8-15mm f/3.5-4.5E ED © Joshua Cripps

Sharp, 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







Lens construction: 8 elements in 5 groups
Minimum focus distance: 0.25 m/0.85 ft
Maximum reproduction ratio: 0.09×
Accessories: Built-in hood / Case CL-0715 (optional) / Filter L37C, A2, B2, 056

Aspherical lens elements

ED glass elements

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

OPTIONAL ACCESSORIES

AF-S Teleconverters

Teleconverters increase the original focal length to 2×, 1.7× or 1.4× 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 2× and slows down the aperture by 2 stops.




AF-S Teleconverter TC-17E II

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




AF-S Teleconverter TC-14E III

This teleconverter expands the focal length by 1.4× and slows down the aperture by 1 stop. Fluorine coat is applied to the front and rear surfaces.




Lens construction: 7 elements in 5 groups

Case: CL-0715



Lens construction: 7 elements in 4 groups

Case: CL-0715



Lens construction: 7 elements in 4 groups

Case: CL-0715

 : Aspherical lens element

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*5
AF-S Nikkor 300mm f/2.8D IF-ED*5
AF-I Nikkor 300mm f/2.8D IF-ED*5
AF-S NIKKOR 300mm f/4E PF ED VR*2
AF-S Nikkor 300mm f/4D IF-ED*3*5
AF-S NIKKOR 400mm f/2.8E FL ED VR
AF-S NIKKOR 400mm f/2.8G ED VR

AF-S Nikkor 400mm f/2.8D IF-ED II*5
AF-S Nikkor 400mm f/2.8D IF-ED*5
AF-I Nikkor 400mm f/2.8D IF-ED*5
AF-S NIKKOR 500mm f/4E FL ED VR*3
AF-S NIKKOR 500mm f/4G ED VR*3
AF-S Nikkor 500mm f/4D IF-ED II*3*5
AF-S Nikkor 500mm f/4D IF-ED*3*5
AF-I Nikkor 500mm f/4D IF-ED*3*5
AF-S NIKKOR 600mm f/4E FL ED VR*3
AF-S NIKKOR 600mm f/4G ED VR*3
AF-S Nikkor 600mm f/4D IF-ED II*3*5
AF-S Nikkor 600mm f/4D IF-ED*3*5

AF-I Nikkor 600mm f/4D IF-ED*3*5
AF-S NIKKOR 800mm f/5.6E FL ED VR*4
AF-S NIKKOR 70-200mm f/2.8E FL ED VR
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*3
AF-S Zoom-Nikkor 80-200mm f/2.8D IF-ED*5
AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR*4
AF-S NIKKOR 200-400mm f/4G ED VR II*3
AF-S VR Zoom-Nikkor 200-400mm f/4G IF-ED*3
AF-S NIKKOR 200-500mm f/5.6E ED VR*4

*1 Autofocus cannot be used.
*2 Autofocus with TC-20E III/TC-17E II can be used when attached to an f/8-compatible autofocus camera with the AF mode set to AF-S.
*3 Autofocus with TC-20E III/TC-17E II can be used when attached to an f/8-compatible autofocus camera.
*4 Autofocus with TC-14E III can be used when attached to an f/8-compatible autofocus camera. Autofocus with TC-20E III/TC-17E II cannot be used.
*5 Not compatible with TC-14E III.

• Other lenses cannot be used. Do not attach other lenses, as the rear lens elements will touch and could damage the teleconverter elements.
• The Vibration Reduction (VR) function operates with VR 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.
• Depending on the combination with digital/film SLR camera, the teleconverter’s focal length information may not display correctly in Exif data. Please refer to the relevant teleconverter manual for further information.
• 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, refer to page 27.
• When effective aperture is f/5.6 to f/8, autofocus is possible when attached to an f/8-compatible autofocus camera. But 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.

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 (provided)	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.

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).

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.

■ 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.

■ Macro Adapter Ring BR-2A/BR-5

Mounted to the lens in reverse, these extension rings can be attached directly or using the Bellows Focusing Attachment. When shooting in a reproduction ratio larger than 1×, 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.



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.

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 2.7× longer.



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.

ASED

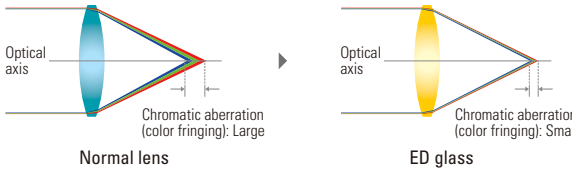
Aspherical ED glass

Using ED (Extra-low Dispersion) glass that successfully minimizes color fringing as a material, this type of lens features non-spherical surfaces on one or both sides of the glass. It provides superior rendering capability by maximizing the advantages of both ED glass and an aspherical lens – effectively correcting various lens aberrations such as lateral chromatic aberration, coma flare at the periphery, as well as distortion and spherical aberration. It achieves aberration correction of ED glass and aspherical lens in one element, contributing to lens compactness. Adopted in the AF-S NIKKOR 24-70mm f/2.8E ED VR.

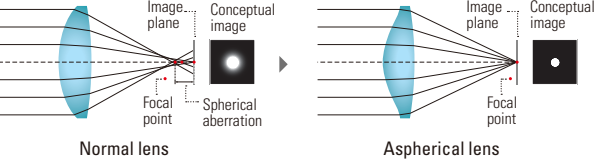
Image of aspherical ED glass

Aspherical ED glass: provides superior rendering capability by maximizing the advantages of both ED glass and an aspherical lens

ED glass: Enables the production of lenses that offer superior sharpness and color correction by minimizing chromatic aberration



Aspherical lens: Virtually eliminates the problem of coma and other types of lens aberration

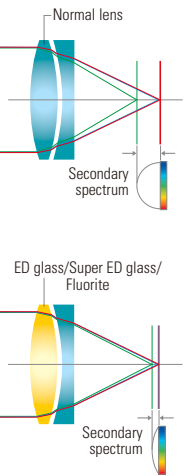


ED
SUPER
ED

ED glass / Super ED glass

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.

Conceptual images of secondary spectrum

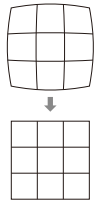


AS

Aspherical lens

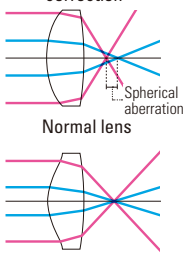
This type of lens utilizes non-spherical surfaces on either one or both sides of the glass in order to eliminate certain types of lens aberration. These aspherical elements are particularly useful for correcting the distortion in wide-angle lenses. Such distortions are caused by variations in the magnification 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.

Conceptual image of distortion correction



Distortion is suppressed

Conceptual image of spherical aberration correction



Normal lens

Aspherical lens

Refractive index is continuously changed from the center

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.

FL

Fluorite lens

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.

PF

PF (Phase Fresnel) lens

The PF (Phase Fresnel) lens, developed by Nikon, effectively compensates chromatic aberration utilizing the photo diffraction phenomenon*. It provides superior chromatic aberration compensation performance when combined with a normal glass lens. Compared to many general camera lenses that employ an optical system using the photorefractive phenomenon, a remarkably compact and lightweight body can be attained with less number of lens elements.



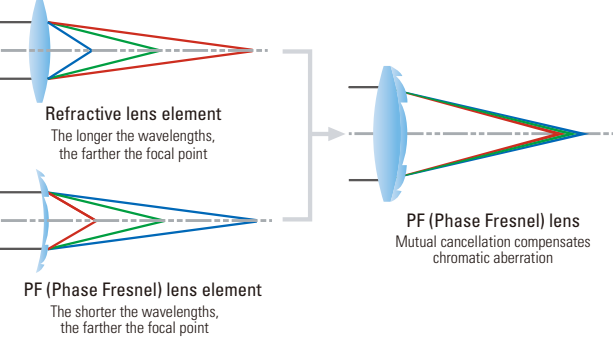
Conceptual image of the appearance of the PF (Phase Fresnel) lens

A general interchangeable lens forms an image on an imaging plane, using the photorefractive phenomenon. The degree of light refraction differs depending on the color (wavelength), and image formation is performed in the order of blue (B), green (G), and red (R) starting with the portion near the lens. The color deviation referred to as chromatic aberration induces color bleeding, resulting in a deterioration of observed or captured images.

With PF (Phase Fresnel) lenses, on the other hand, image formation is performed in the order of red (R), green (G), and blue (B) starting with the portion near the lens. By combining the PF (Phase Fresnel) lens with a refractive lens, chromatic aberration can be effectively compensated.

*Diffraction phenomenon: Light has characteristics as a waveform. When a waveform faces an obstacle, it attempts to go around and behind it, and this characteristic is referred to as diffraction. Diffraction causes chromatic dispersion in the reverse order of refraction.

Chromatic aberration compensation with the PF (Phase Fresnel) lens



Refractive lens element

The longer the wavelengths, the farther the focal point

PF (Phase Fresnel) lens element

The shorter the wavelengths, the farther the focal point

White light

Blue

Green


Red

PF (Phase Fresnel) lens

Mutual cancellation compensates chromatic aberration

[Note]
Due to the characteristics of a PF (Phase Fresnel) lens that utilizes the photo diffraction phenomenon, when there is a strong light source within the frame or when light enters the lens from outside of the frame, ring-shaped colored flare may occur according to shooting conditions. This phenomenon can be minimized with “PF Flare Control” included in Capture NX-D. Refer to the software manual for more information. Capture NX-D is available from our website. Please download and use the latest version.

Comparison images of PF Flare Control effect



Original image

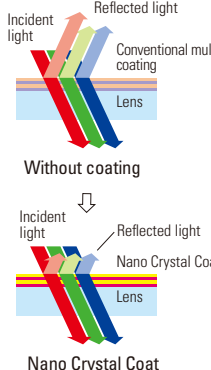
PF Flare Control applied

N

Nano Crystal Coat


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 ultra-fine, 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



Without coating

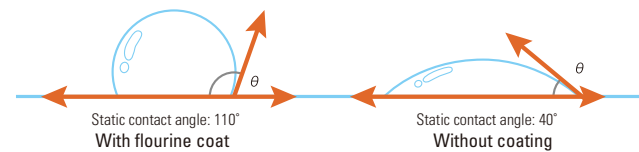
Nano Crystal Coat



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

Nikon’s coating system utilizing fluorine

Nikon’s fluorine coat effectively repels dust, water droplets, grease or dirt, ensuring easy removal even when they adhere to the lens surface. Thanks to Nikon’s original technology, it delivers higher durability and is more peel-resistant. Compared to other manufacturers’ coating of a similar kind, fluorine coat endures a higher frequency of lens surface wiping and provides longer-duration staying power. Its anti-reflective effect also contributes to the capture of clear images.



Static contact angle: 110°

With fluorine coat

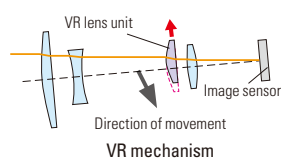
Static contact angle: 40°

Without coating

NIKKOR TECHNOLOGY

VR Vibration Reduction (VR)

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 advantageous for diverse scenes

Optimization in every lens

Nikon's Vibration Reduction (VR) function that enables in-lens blur correction is optimized for each lens. For example, a micro lens can be used for shooting close-ups of a flower with the photographer in a crouching position. While with a high-power zoom lens, blur characteristics at the maximum wide-angle and telephoto positions may significantly differ. Considering differences in shooting scenes and lens specifications, Nikon sets the most appropriate VR parameters for each lens type and conducts over 10,000 shooting tests to refine unique algorithms. Yet another reason why the system is built inside the lens.

Dual algorithm

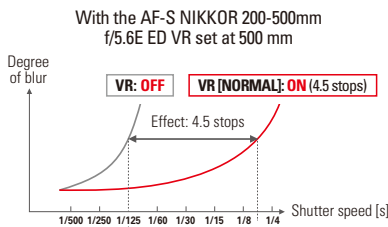
Looking through a fully blur-corrected viewfinder for long periods of time may cause feelings similar to motion sickness in some photographers. To prevent this, Nikon developed an exclusive algorithm utilized when the shutter release button is half-pressed. This first algorithm controls the blur correction 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 38 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 38 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 38 for VR lenses with Active mode.

Sport mode

Sport mode is particularly effective for shooting sports because natural finder image can be reliably provided even when tracking randomly moving subjects. This is also achieved when tracking subjects with handheld panning or even during movie recording. A more stable finder image is attained when utilizing a monopod or a tripod. For shooting still subjects, Normal mode that offers a higher blur-correction effect is recommended.

- Refer to page 38 for VR lenses with Sport mode.



SWM Silent Wave Motor

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.

STM Stepping Motor

An AF-P lens employs an STM (Stepping Motor) for driving the AF. Motor operation is synchronized with pulse electric power, rotating one step per electric pulse. It offers high response and controllability for starting and stopping, and its simple mechanical structure allows for extremely quiet operation. Useful for video shooting and other times when operational noise from the lens is a concern.

[NOTE] The number of compatible cameras is limited. Even for compatible cameras, some models require firmware update.

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

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 (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.



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 18-55mm f/3.5-5.6G VR II and AF-S DX NIKKOR 55-200mm f/4-5.6G ED VR 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.

*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 38.

SPECIFICATIONS

Lens name	Lens construction [groups/ elements]	Angle of view with FX-format cameras	Angle of view with DX-format cameras	Focusing system ^{*1}	Effect in stops ^{*2}	VR mode	Tripod vibration reduction	Number of diaphragm blades	Minimum f-stop	Minimum focus distance ^{*3} [m/ft]	Maximum reproduction ratio[x]	Weight [g/oz]	Diameter x length ^{*4} [mm/in.]	Filter- attachment size [mm]	Lens cap type	Lens hood ^{*5}	Lens case	
■ WIDE-ANGLE ZOOM NIKKOR LENSES [p6-p8]																		
AF-P DX NIKKOR 10-20mm f/4.5-5.6G VR	11/14	—	109°-70°	IF	3.5	Normal	√	7	22-29	0.22/0.8	0.17	230/8.2	77.0×73.0/3.0×2.9	72	Snap-on	HB-81 (provided)	CL-1015 (provided)	
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)* ⁶	0.19	460/16.2	82.5×87/3.2×3.4	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	0.12	465/16.4	82.5×90/3.2×3.5	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* ⁹	0.14	970/34.2	98×131.5/3.9×5.2	—	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* ¹⁰	0.24	680/24.0	82.5×125/3.2×4.9	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	0.21	745/26.3	82.5×106/3.2×4.2	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	0.19	385/13.6	83×95/3.3×3.7	77	Snap-on	HB-66 (provided)	CL-1118 (provided)	
■ NORMAL ZOOM NIKKOR LENSES [p9-p13]																		
AF-S DX NIKKOR 16-80mm f/2.8-4E ED VR	13/17	—	83°-20°	IF	4.0	Normal / Active	√	7	22-32	0.35/1.15	0.22	480/16.9	80×85.5/3.1×3.4	72	Snap-on	HB-75 (provided)	CL-1218 (optional)	
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	0.21	485/17.1	72×85/2.8×3.3	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* ¹¹	0.20	755/26.6	85.5×110.5/3.4×4.4	77	Snap-on	HB-31 (provided)	CL-1120 (provided)	
AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR	9/12	—	76°-28°50'	IF	4.0	Normal	√	7	22-38	0.25/0.9	0.38	205/7.3	64.5×62.5/2.5×2.5	55	Snap-on	HB-N106 (optional)	CL-0815 (optional)	
AF-P DX NIKKOR 18-55mm f/3.5-5.6G	9/12	—	76°-28°50'	IF				7	22-38	0.25/0.9	0.38	195/6.9	64.5×62.5/2.5×2.5	55	Snap-on	HB-N106 (optional)	CL-0815 (optional)	
AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II	8/11	—	76°-28°50'		4.0	Normal		7	22-36	0.28/0.92 (0.25/0.82)* ⁶	0.30 (0.36)* ⁶	195/6.9	66×59.5/2.6×2.3	52	Snap-on	HB-69 (optional)	CL-0815 (optional)	
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	0.20	420/14.8	76×89/3.0×3.5	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	0.23	490/17.3	78×97/3.1×3.8	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	0.22	565/19.9	77×96.5/3.0×3.8	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* ¹²	0.31	830/29.3	83×120/3.3×4.7	77	Snap-on	HB-58 (provided)	CL-1120 (provided)	
AF-S DX NIKKOR 18-300mm f/3.5-6.3G ED VR	12/16	—	76°-5°20'	IF	4.0	Normal		7	22-40	0.48/1.6	0.29	550/19.4	78.5×99/3.1×3.9	67	Snap-on	HB-39 (optional)	CL-1018 (optional)	
AF-S NIKKOR 24-70mm f/2.8E ED VR	16/20	84°-34°20'	61°-22°50'	IF	4.0	Normal / Active	√	9	22	0.38/1.25* ¹³ (0.41/1.35)* ¹⁴	0.28	1070/37.7	88×154.5/3.5×6.1	82	Snap-on	HB-74 (provided)	CL-M3 (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* ¹³	0.26	900/31.7	83×133/3.3×5.2	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)* ⁸	0.17 (0.5)* ⁸	545/19.2	78.5×82.5/3.1×3.2	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	0.22	465/16.4	78×82/3.1×3.2	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	0.23	710/25	84×103.5/3.3×4.1	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	0.31	800/28.2	83×114.5/3.3×4.5	77	Snap-on	HB-50 (provided)	CL-1120 (provided)	
■ TELEPHOTO ZOOM NIKKOR LENSES [p14-p18]																		
AF-S DX NIKKOR 55-200mm f/4-5.6G ED VR II	9/13	—	28°50'-8°	IF	4.0	Normal		7	22-32	1.1/3.7	0.23	300/10.6	70.5×83/2.8×3.3	52	Snap-on	HB-37 (optional)	CL-0915 (optional)	
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	0.27	530/18.7	76.5×123/3.0×4.8	58	Snap-on	HB-57 (provided)	CL-1020 (provided)	
AF-S NIKKOR 70-200mm f/2.8E FL ED VR* ¹⁵	18/22	34°20'-12°20'	22°50'-8°	IF	4.0	Normal / Sport	√	9	22	1.1/3.61	0.21	1430/50.4	88.5×202.5/3.5×8.0	77	Snap-on	HB-78 (provided)	CL-M2 (provided)	
AF-S NIKKOR 70-200mm f/2.8G ED VR II* ¹⁵	16/21	34°20'-12°20'	22°50'-8°	IF	3.5	Normal / Active		9	22	1.4/4.6	0.11	1540 (1460)/54.3 (51.5)* ¹⁶	87×205.5/3.4×8.1	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	0.27	850/30.0	78×178.5/3.1×7.0	67	Snap-on	HB-60 (provided)	CL-1225 (provided)	
AF-P NIKKOR 70-300mm f/4.5-5.6E ED VR	14/18	34°20'-8°10'	22°50'-5°20'	IF	4.5	Normal / Sport	√	9	32-40	1.2/3.94	0.25	680/24.0	80.5×146.0/3.2×5.7	67	Snap-on	HB-82 (provided)	CL-1022 (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	0.24	745/26.3	80×143.5/3.1×5.6	67	Snap-on	HB-36 (provided)	CL-1022 (provided)	
AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED VR	10/14	—	22°50'-5°20'	IF	4.0	Normal	√	7	22-32	1.1/3.7	0.22	415/14.7	72×125/2.8×4.9	58	Snap-on	HB-77 (optional)	CL-1020 (optional)	
AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED	10/14	—	22°50'-5°20'	IF				7	22-32	1.1/3.7	0.22	400/14.2	72×125/2.8×4.9	58	Snap-on	HB-77 (optional)	CL-1020 (optional)	
AF Zoom-Nikkor 80-200mm f/2.8D ED* ¹⁵	11/16	30°10'-12°20'	20°-8°					9	22	1.8/6 (1.5/4.9)* ⁷	0.13 (0.17)* ⁷	1300/45.9	87×187/3.4×7.4	77	Snap-on	HB-7 (optional)	CL-43A (provided)	
AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR* ¹⁵	12/20	30°10'-6°10'	20°-4°	IF	4.0	Normal / Active	√	9	32-40	1.75/5.74 (1.5/4.92)* ⁸	0.17 (0.19)* ⁸	1570 (1480)/55.4 (52.2)* ¹⁶	95.5×203/3.8×8.0	77	Snap-on	HB-65 (provided)	CL-M2 (provided)	
AF-S NIKKOR 200-400mm f/4G ED VR II* ¹⁵	17/24	12°20'-6°10'	8°-4°	IF	3.0	Normal / Active	√	9	32	2/6.6 (1.95/6.4)* ⁶	0.26 (0.27)* ⁶	3360/118.5	124×365.5/4.9×14.4	52	Slip-on	HK-30 (provided)	CL-L2 (provided)	
AF-S NIKKOR 200-500mm f/5.6E ED VR* ¹⁵	12/19	12°20'-5°	8°-3°10'	IF	4.5	Normal / Sport	√	9	32	2.2/7.22	0.22	2300 (2090)/81.1 (73.7)* ¹⁶	108×267.5/4.3×10.5	95	Snap-on	HB-71 (provided)	CL-1434 (provided)	
■ FIXED FOCAL-LENGTH NIKKOR LENSES [p19-p27]																		
AF Nikkor 14mm f/2.8D ED	12/14	114°	90°	RF				7	22	0.2/0.66	0.15	670/23.6	87×86.5/3.4×3.4		Gelatin filter	Slip-on	Built-in	CL-S2 (provided)
AF-S NIKKOR 20mm f/1.8G ED	11/13	94°	70°	RF				7	16	0.2/0.66	0.23	355/12.5	82.5×80.5/3.2×3.2	77	Snap-on	HB-72 (provided)	CL-1015 (provided)	
AF Nikkor 20mm f/2.8D* ¹⁷	9/12	94°	70°					7	22	0.25/0.85	0.12	270/9.5	69×42.5/2.7×1.7	62	Snap-on	HB-4 (optional)	CL-S2 (optional)	
AF-S NIKKOR 24mm f/1.4G ED	10/12																	



Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. September 2017 © 2017 Nikon Corporation



WARNING

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



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