Every photographer is unique. Whatever your ideas, experience or creative vision, there is a NIKKOR lens to draw out your potential. Each product in the lineup represents the pride and craftsmanship that only an optical manufacturer can understand, delivering a level of clarity and reliability that every passionate photographer can appreciate. How will you see the world? Let NIKKOR help.
Ultra-wide-angle zoom lenses for dynamic perspectives
**AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED**

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 minimal distortion also add to its appeal.

**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.

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

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

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.

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

Explore the extremes of photography with the ultra-wide-angle coverage of this practical zoom lens. With the widest end of 14 mm covering a 114° angle of view, this lens delivers dramatic perspectives to give your photography a creative edge. Close-up shooting capability and minimal distortion also add to its appeal.

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* 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.
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.

Make every photo opportunity come alive with dynamic zoom coverage

Lens construction: 12 elements in 8 groups
Minimum focus distance: 0.28 m (9.0 ft)
Maximum reproduction ratio: 1/5x
Filter-attachment size: 77 mm
Accessories: Hood HB-66 / Case CL-1118

Legend: 
• Aspherical lens elements
• ED glass elements

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

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

Legendary professional wide-angle zoom lens

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.

Lens construction: 13 elements in 10 groups
Minimum focus distance: 0.28 m (9.0 ft)
Maximum reproduction ratio: 1/4.6x
Filter-attachment size: 77 mm
Accessories: Hood HB-23 / Case CL-76

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.

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

Compact and approachable wide-angle zoom lens

With a fixed maximum aperture, this lens covers the optimal range for wide-angle assignments. The glass produces clear and high-contrast images throughout the entire zoom range.

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

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Make every photo opportunity come alive with dynamic zoom coverage

Legend: 
• Aspherical lens elements
• ED glass elements

Minimum focus distance is the distance from a camera’s focal plane mark to the subject.
Practical standard zoom with VR and remarkably wide coverage

**AF-S DX NIKKOR 18-85mm f/3.5-5.6G ED VR**

Approachable standard zooms with NIKKOR quality

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

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

Fast f/2.8 standard zoom lens delivering exceptional image quality

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

- Remarkably wide coverage
- Practical standard zoom with VR and
- Accessory:
  - Filter-attachment size: 67 mm
  - Maximum reproduction ratio: 1/4.6x

High-powered zoom with VR for DX photographers

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

- The powerful, approx. 7.8x zoom of this lens covers a wide focal-
- It also enables you
- Its fine resolution delivers exceptional image rendering –
- 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 pro-
- The Nano Crystal Coat helps effectively reduce ghost and flare

- Accessory:
  - Filter-attachment size: 77 mm
  - Maximum reproduction ratio: 1/3.7x

* Based on CIPA Standard. The value is achieved when:
  - DX-format lenses are
  - Attached to an FX-format digital SLR camera, and zoom lenses are set at the
  - Maximum telephoto position.
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 shots. The lens construction includes 15 elements in 11 groups: Aspherical lens elements and ED glass elements. Minimum focus distance is the distance from a camera’s focal plane mark to the subject.

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

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

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

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

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

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

AF-S DX NIKKOR 18-300mm 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.

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

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

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

A powerful zoom lens designed for DX-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.
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.

Nail the decisive moment and capture the action from a distance.
Significantly refined: a pro’s essential telephoto zoom lens

**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.

**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.

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

Long-range, VR-enabled 400 mm zoom lens

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

This zoom range 200-400 mm lens has a fixed f/4.5-5.6 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.

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

Fixed aperture f/2.8 with great optics and beautiful bokeh

**AF-S VR Zoom-Nikkor 50-200mm f/4.5-5.6G ED VR**

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

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

**AF-S NIKKOR 50-200mm f/4G ED VR II**

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**

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.

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

Fixed aperture f/2.8 with great optics and beautiful bokeh

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

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

**AF-S Zoom-Nikkor 70-200mm f/2.8D ED**

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.

**AF-S NIKKOR 400mm 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.

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

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**AF-S NIKKOR 400mm f/2.8G ED VR II**
Fixed focal-length lenses not only offer stunning sharpness. This approachable lineup of fast aperture lenses also gives photographers an easy way to shoot beautiful background bokeh and get a broader range of shooting opportunities in low light. From the 14 mm ultra-wide-angle to the 600 mm super-telephoto, the NIKKOR fixed focal-length lineup gives your images a distinct personality.

Achieve both supreme sharpness and beautiful bokeh

Fixed focal-length lenses

- **AF Nikkor 14mm f/2.8D ED**
  - **Dynamic perspectives achieved by ultra-wide angle**
  - 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.
  - **Lens construction**: 14 elements in 12 groups
  - **Minimum focus distance**: 0.2 m/0.66 ft
  - **Maximum reproduction ratio**: 1/6.7x
  - **Filter-attachment size**: Rear-attachment type
  - **Accessories**: Built-in hood / Case CL-S2

- **AF Nikkor 20mm f/1.8D**
  - **Superb optics with fast f/1.4 for amazing bokeh**
  - The greatest advantage of this versatile wide-angle lens is its amazingly beautiful bokeh at f/1.4 while covering an 84° angle of view. Its optical design now reveals more refined detail with even less aberration. In addition, Nano Crystal Coat effectively reduces ghost and flare effects in harsh lighting. Perfect for landscapes, architecture and environmental portraits, as well as any low-light shooting situation.
  - **Lens construction**: 13 elements in 9 groups
  - **Minimum focus distance**: 0.25 m/0.85 ft
  - **Maximum reproduction ratio**: 1/8.3x
  - **Filter-attachment size**: 62 mm
  - **Accessories**: Hood HB-4 (optional) / Case CL-S2 (optional)

- **AF Nikkor 24mm f/2.8D**
  - **Standard wide-angle lenses for general purpose**
  - Compact and approachable, this wide-angle lens provides sharp images with a great perspective. Ideal for landscapes, travel, environmental portraits and more.
  - **Lens construction**: 9 elements in 9 groups
  - **Minimum focus distance**: 0.3 m/1 ft
  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: 52 mm
  - **Accessories**: Hood HN-1 (optional) / Case CL-0715 (optional)

- **AF Nikkor 28mm f/1.4G ED**
  - **Fast f/1.8 wide-angle lens with exquisite sharpness and quality bokeh**
  - Shooting with f/1.8 at 28 mm offers a unique look by rendering a shallow depth-of-field across wide expanses. This lens is designed to take full advantage of the latest high-megapixel cameras by delivering stunning sharpness and clarity. Its Nano Crystal Coat reduces ghost and flare effects to enhance its image quality even further. This compact, high-performance lens is an excellent choice for a wide range of subject matter, such as environmental portraits, landscapes, interiors and candid shots.
  - **Lens construction**: 11 elements in 9 groups
  - **Minimum focus distance**: 0.25 m/0.82 ft
  - **Maximum reproduction ratio**: 1/5.6x
  - **Filter-attachment size**: 67 mm
  - **Accessories**: Hood HB-64 / Case CL-0915

- **AF Nikkor 85mm f/1.8G**
  - **Compactly designed high-performance lens**
  - 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).
  - **Lens construction**: 12 elements in 9 groups
  - **Minimum focus distance**: 0.3 m/1 ft
  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: Rear-attachment type
  - **Accessories**: Hood HB-51 / Case CL-1118

- **AF Nikkor 50mm f/1.4G**
  - **Fast f/1.4 G lens**
  - 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).
  - **Lens construction**: 12 elements in 9 groups
  - **Minimum focus distance**: 0.3 m/1 ft
  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: Rear-attachment type
  - **Accessories**: Hood HB-51 / Case CL-1118

- **AF Nikkor 85mm f/1.4G**
  - **Compactly designed high-performance lens**
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  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: Rear-attachment type
  - **Accessories**: Hood HB-51 / Case CL-1118

- **AF Nikkor 20mm f/2.8D**
  - **Superb optics with fast f/1.4 for amazing bokeh**
  - The greatest advantage of this versatile wide-angle lens is its amazingly beautiful bokeh at f/1.4 while covering an 84° angle of view. Its optical design now reveals more refined detail with even less aberration. In addition, Nano Crystal Coat effectively reduces ghost and flare effects in harsh lighting. Perfect for landscapes, architecture and environmental portraits, as well as any low-light shooting situation.
  - **Lens construction**: 13 elements in 9 groups
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  - **Maximum reproduction ratio**: 1/8.3x
  - **Filter-attachment size**: 62 mm
  - **Accessories**: Hood HB-4 (optional) / Case CL-S2 (optional)

- **AF Nikkor 24mm f/2.8D**
  - **Standard wide-angle lenses for general purpose**
  - Compact and approachable, this wide-angle lens provides sharp images with a great perspective. Ideal for landscapes, travel, environmental portraits and more.
  - **Lens construction**: 9 elements in 9 groups
  - **Minimum focus distance**: 0.3 m/1 ft
  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: 52 mm
  - **Accessories**: Hood HN-1 (optional) / Case CL-0715 (optional)

- **AF Nikkor 28mm f/1.4G ED**
  - **Fast f/1.8 wide-angle lens with exquisite sharpness and quality bokeh**
  - Shooting with f/1.8 at 28 mm offers a unique look by rendering a shallow depth-of-field across wide expanses. This lens is designed to take full advantage of the latest high-megapixel cameras by delivering stunning sharpness and clarity. Its Nano Crystal Coat reduces ghost and flare effects to enhance its image quality even further. This compact, high-performance lens is an excellent choice for a wide range of subject matter, such as environmental portraits, landscapes, interiors and candid shots.
  - **Lens construction**: 11 elements in 9 groups
  - **Minimum focus distance**: 0.25 m/0.82 ft
  - **Maximum reproduction ratio**: 1/4.6 x
  - **Filter-attachment size**: 67 mm
  - **Accessories**: Hood HB-64 / Case CL-0915

- **AF Nikkor 50mm f/1.4G**
  - **Compactly designed high-performance lens**
  - 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).
  - **Lens construction**: 12 elements in 9 groups
  - **Minimum focus distance**: 0.3 m/1 ft
  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: Rear-attachment type
  - **Accessories**: Hood HB-51 / Case CL-1118

- **AF Nikkor 85mm f/1.4G**
  - **Compactly designed high-performance lens**
  - 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).
  - **Lens construction**: 12 elements in 9 groups
  - **Minimum focus distance**: 0.3 m/1 ft
  - **Maximum reproduction ratio**: 1/8.9x
  - **Filter-attachment size**: Rear-attachment type
  - **Accessories**: Hood HB-51 / Case CL-1118

- **AF Nikkor 20mm f/2.8D**
  - **Superb optics with fast f/1.4 for amazing bokeh**
  - The greatest advantage of this versatile wide-angle lens is its amazingly beautiful bokeh at f/1.4 while covering an 84° angle of view. Its optical design now reveals more refined detail with even less aberration. In addition, Nano Crystal Coat effectively reduces ghost and flare effects in harsh lighting. Perfect for landscapes, architecture and environmental portraits, as well as any low-light shooting situation.
  - **Lens construction**: 13 elements in 9 groups
  - **Minimum focus distance**: 0.25 m/0.85 ft
  - **Maximum reproduction ratio**: 1/8.3x
  - **Filter-attachment size**: 62 mm
  - **Accessories**: Hood HB-4 (optional) / Case CL-S2 (optional)
AF-S NIKKOR 50mm f/1.4G

Ultra-fast f/1.4 for exquisite sharpness and bokeh

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.

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

AF-S NIKKOR 50mm f/1.8G

Strikingly crisp, compact and approachable primes

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.

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

AF-NIKKOR 35mm f/1.4G

Wide-angle f/1.4 prime with stunning clarity

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.

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

AF-S DX NIKKOR 35mm f/1.8G

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.

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.

Lens construction: 8 elements in 6 groups
Minimum focus distance: 0.25 m/0.85 ft
Maximum reproduction ratio: 1/6.1x
Filter-attachment size: 52 mm
Accessories: Hood HB-46 / Case CL-0913

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.

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

AF-NIKKOR 35mm f/2.8

Fast and highly practical wide-angle lens

A fast f/2.8 aperture suits a wide range of shooting opportunities, from landscapes to environmental portraits. This lens offers exceptional sharpness at all apertures, from deep-focus to smooth bokeh.

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

AF-NIKKOR 35mm f/2.8

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Filter-attachment size: 52 mm
Accessories: Hood HN-3 (optional) / Case CL-0715 (optional)

AF-NIKKOR 35mm f/2.8

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

Medium-range telephoto lenses optimal for portraits

**AF-S NIKKOR 85mm f/1.4G**

**AF-S NIKKOR 85mm f/1.4D IF**

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

**AF-S NIKKOR 85mm f/1.8G**

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

DC lenses allowing creative focus control

**AF DC-Nikkor 105mm f/2D**

**AF DC-Nikkor 135mm f/2D**

Using the same DC Defocus Image Control employed in the 105mm f/2D, the 135mm 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.

**AF Nikkor 180mm f/2.8D IF-ED**

**AF DC-Nikkor 135mm f/2D**

**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.

High-performance medium telephoto with ED glass

**AF Nikkor 180mm f/2.8D IF-ED**

**AF Nikkor 180mm f/2.8D IF-ED**

Remarking

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.

**AF-Nikkor 180mm f/2.8D IF-ED**

Using the same DC Defocus Image Control, the 135mm focal length offers more telephoto reach, making it ideal for tightly framed portraits while providing opportunities to shoot with a shallow depth of field or under low light.

**AF Nikkor 180mm f/2.8D IF-ED**

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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.
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.

*3.0 stops* and a fast f/2 aperture broaden creative potential.

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.

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

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

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

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

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 holds closer subjects incredibly well.

**AF-S NIKKOR 300mm f/4D IF-ED**

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

Professional super-telephoto lineup with VR and Nano Crystal Coat

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

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

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

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

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

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

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 holds closer subjects incredibly well.

**AF-S NIKKOR 500mm f/4D IF-ED**

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

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Overwhelming super-telephoto with fluorite

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

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

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NIKKOR LENSES

SPECIAL-PURPOSE

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

Micro NIKKORs: Much more than miniatures and portraits

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.

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

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

Compact and approachable DX Micro with amazing clarity

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

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 creates fantastic portraits. Nano Crystal Coat effectively reduces ghost and flare effects.

Compact and versatile standard micro lens

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

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

Powerful telephoto micro lens with great working distance

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

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

Micro NIKKOR Fisheye 10.5mm f/2.8G ED VR

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

Compact and approachable DX Micro with amazing clarity

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

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 creates fantastic portraits. Nano Crystal Coat effectively reduces ghost and flare effects.

Compact and versatile standard micro lens

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

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

Powerful telephoto micro lens with great working distance

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

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

Versatile, high-performance micro lens for DX photographers

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

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

Excellently balanced micro lens with VR

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

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

Compact and approachable DX Micro with amazing clarity

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

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 creates fantastic portraits. Nano Crystal Coat effectively reduces ghost and flare effects.

Compact and versatile standard micro lens

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

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

Powerful telephoto micro lens with great working distance

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

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

Versatile, high-performance micro lens for DX photographers

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

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

Excellently balanced micro lens with VR

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

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

Compact and approachable DX Micro with amazing clarity

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

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 creates fantastic portraits. Nano Crystal Coat effectively reduces ghost and flare effects.

Compact and versatile standard micro lens

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Powerful telephoto micro lens with great working distance

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

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

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

PC-E lens lineup: more freedom in controlling perspectives

PC-E NIKKOR 24mm f/3.5D ED

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

PC-E Micro NIKKOR 85mm f/2.8D

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

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

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

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.

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.

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

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.

FISHEYE LENSES

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

AF DX Fisheye-Nikkor 16mm f/2.8D ED © Cliff Mautner

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

Nikon D4, D3 series, D800 series, D700, D610, D600, D300 series, D7100, D7000, D5500, D5300, D5200, D5100, D5000, D3200, D3100 and D3000.

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

• Available only with cameras compatible with the electromagnetic diaphragm (Nikon D4, D3 series, D800 series, D7100, D7000, D5500, D5300, D5200, D5100, D5000, D3200, D3100 and D3000).

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

• Available only with cameras compatible with the electromagnetic diaphragm (Nikon D4, D3 series, D800 series, D7100, D7000, D5500, D5300, D5200, D5100, D5000, D3200, D3100 and D3000).

• Available only with cameras compatible with the electromagnetic diaphragm (Nikon D4, D3 series, D800 series, D7100, D7000, D5500, D5300, D5200, D5100, D5000, D3200, D3100 and D3000).

• Available only with cameras compatible with the electromagnetic diaphragm (Nikon D4, D3 series, D800 series, D7100, D7000, D5500, D5300, D5200, D5100, D5000, D3200, D3100 and D3000).
**MANUAL-FOCUS LENSES**

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

<table>
<thead>
<tr>
<th>Lens name</th>
<th>Focal Length [mm]</th>
<th>Maximum Aperture</th>
<th>Filter Attachments [mm]</th>
<th>Lens Hood</th>
<th>Lens Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF-S Micro-Nikkor 105mm f/2.8G ED VR</td>
<td>105</td>
<td>f/2.8</td>
<td>77</td>
<td>HB-12</td>
<td>CL-1408</td>
</tr>
<tr>
<td>AF-S Micro-Nikkor 105mm f/2.8G ED VR II</td>
<td>105</td>
<td>f/2.8</td>
<td>77</td>
<td>HB-12</td>
<td>CL-1408</td>
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<tr>
<td>AF-S Micro-Nikkor 50mm f/1.8G ED VR</td>
<td>50</td>
<td>f/1.8</td>
<td>62</td>
<td>HB-23</td>
<td>CL-1915</td>
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<tr>
<td>AF-S Micro-Nikkor 35mm f/1.8G ED VR</td>
<td>35</td>
<td>f/1.8</td>
<td>62</td>
<td>HB-23</td>
<td>CL-1915</td>
</tr>
</tbody>
</table>

**OPTIONAL ACCESSORIES**

**AF-S Teleconverters**

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

**AF-S Teleconverter TC-20E III**

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

**AF-S Teleconverter TC-17E II**

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

**AF-S Teleconverter TC-14E II**

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

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

- AF-S Nikkor 200mm f/4D IF-ED
- AF-S Nikkor 200mm f/2.8D IF-ED II
- AF-S Nikkor 300mm f/4D IF-ED
- AF-S Nikkor 300mm f/2.8D IF-ED II
- AF-S Nikkor 400mm f/2.8D IF-ED
- AF-S Nikkor 400mm f/2.8D IF-ED II
- AF-S Nikkor 500mm f/4D IF-ED
- AF-S Nikkor 500mm f/4D IF-ED II
- AF-S Nikkor 600mm f/4D IF-ED
- AF-S Nikkor 600mm f/4D IF-ED II
- AF-S Nikkor 800mm f/6.3D IF-ED VR
- AF-S Nikkor 1200mm f/5.6D IF-ED
- AF-S Nikkor 180-400mm f/4.5-5.6G ED VR II
- AF-S Nikkor 200-500mm f/5.6E FL ED VR
- AF-S Nikkor 200-400mm f/4E FL ED VR II
- AF-S Nikkor 300-600mm f/4.5-5.6E ED VR
- AF-S Nikkor 400-600mm f/4.5-5.6E ED VR
- AF-S Nikkor 600-1200mm f/8E FL ED VR

**Extension Rings**

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

- **Adaptor Ring BR-3**
  - This adaptor 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.

**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), HC (screw-on), HK (snap-on), HR (rubber screw-on).

**NAL-1 Zoom/Focus Assist Lever**

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

NIKKOR lenses recommended for use with the NAL-1 Zoom/Focus Assist Lever:
- AF-S 16-35mm f/4G ED VR, AF-S 18-140mm f/3.5-5.6G ED VR, AF-S 35-150mm f/3.5-5.6G ED VR
- AF-S 35-180mm f/3.5-6.3G ED VR, AF-S 50-200mm f/4G ED VR II, AF-S 70-200mm f/4G ED VR II, AF-S 70-300mm f/4G ED VR II
- AF-S 105mm f/1.4G
- AF-S 24-70mm f/2.8G ED, AF-S 70-200mm f/2.8G ED VR II, AF-S 24-120mm f/4G ED VR II
- AF-S 85mm f/1.4G, AF-S 200mm f/2G IF-ED, AF-S 300mm f/2.8G ED VR II, AF-S 300mm f/2.8E FL ED VR, AF-S 500mm f/4E FL ED VR, AF-S 600mm f/4E FL ED VR, AF-S NIKKOR 200-400mm f/4G ED VR II
The new forms of expression offered by the Nikon 1’s unique Motion Exposure/autofocus*2 and Vibration Reduction (VR)*3. Electronic rangefinder is available in manual focus mode. You can also explore the new forms of expression offered by the Nikon 1’s unique Motion Snapshot mode*4.

*2 Not available if lens is shifted or tilted.

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 29mm-format lens with a focal length about 2.7x longer. The FT1 can be used with more than 70 lenses, representing almost all the NIKKOR lenses currently on the market*. It also supports auto exposure/autofocus*3 and Vibration Reduction*4.

*3 Electronic rangefinder is available in manual focus mode. You can also explore the new forms of expression offered by the Nikon 1’s unique Motion Snapshot mode*4.

Before Using the FT1 Mount Adapter

- For compatible F-mount NIKKOR lenses, refer to Nikon’s website.
- In some cases, focus may not be achieved even when the in-focus indicator lights up. If this occurs, focus manually.
- Autofocus may be less precise when S: Shutter-priority auto, A: Aperture-priority auto, or M: Manual is selected for exposure mode instead of P: Programmed auto mode. Focus manually if you have trouble focusing using autofocus.
- Lines may appear in photographs taken with non-CPU lenses stopped down to minimum aperture.
- Nikon’s Auto Focus may not work with the current firmware version 1.10. The tops and bottoms may be missing from circular bokeh shapes created at wide apertures using lenses with a maximum aperture of f/1.2 or f/1.4.
- Nikon lenses with a focal length of 80-400 mm f/4.5-5.6G ED VR and AF-S VR Nikkor 200mm f/2G ED VR II are not supported.
- Lines may appear in photographs taken with non-CPU lenses stopped down to minimum aperture.

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

Angle of view is equivalent to that of a telephoto 80mm lens with 1.5x-4.5x magnification.

Nikon was the world’s first camera maker to develop ED-Extra-low Dispersion glass that could minimize previous 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 performance.

Nikon has also developed Super ED glass featuring even lower dispersion properties and extremely high performance in eliminating the secondary spectrum, to minimize chromatic aberration even further, as well as other lens aberrations. Super ED glass is employed in the AF-S NIKKOR 80-400mm f/4.5-6.3G ED VR and AF-S VR Nikkor 200mm f/2G IF-ED.

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 second 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.

High Refractive Index Lens

With a refractive index of more than 2.0, one HRI lens can offer effects equivalent to those observed 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.
VR ON
than would otherwise be possible for taking sharp images with Nikon’s engineers compared an image with VR on and another photographers’ skill and lens/camera performance. For this reason, may cause image blur, speed of \(1/\text{focal length}\) direction, maximizing the VR effect as well as optical performance. The instant the shutter is released, the VR lens unit will reset to a Centering prior to exposure
The instant the shutter is released, the VR lens unit will reset to a central point (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 1/1000 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 NIKKOR TECHNOLOGY
VR (Vibration Reduction): Correct blur while retaining a stable viewfinder image
With Nikon’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. In-lens blur correction for clearer viewfinder image
Nikon’s Vibration Reduction (VR) function is built into the lens. Unlike with in-camera systems, your camera’s sensor does not move with VR, thereby giving you a steadier view through the viewfinder and eliminating the blur you would see in the image itself. A clear view makes it easier to confirm your composition and place your focus point accurately. Optimization in every lens
Consider, for example, the special situation of using a micro lens to shot extreme close-ups of a flower where the photographer is in a crouching position. This shooting scenario deserves its own VR parameters, so Nikon conducted over 10,000 shooting tests to refine unique algorithms for each VR lens type. Yet another reason why the vibration reduction system is built inside the lens. Dual algorithm
Looking through a fully blur-corrected viewfinder for long periods of time may cause feelings similar to motion sickness in some photographers. To prevent this, Nikon developed an exclusive algorithm utilized when the shutter release button is half pressed. This first algorithm controls the blur correction at a slightly lower level than usual. When the shutter release button is fully pressed, a second algorithm emerges to maximize camera shake compensation during exposure for clear images.

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.

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.

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’s intention, and a 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 interpret camera movement as a photographer’s intentions. In this case, choose Active mode for further compensation, a more stable viewfinder image and even steadier shots.

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

AF-S NIKKOR lens with SWM for quiet autofocus
Nikon’s original Silent Wave Motor (SWM) converts “traveling waves” into rotational energy to drive the optics used for focusing. The two SWM motors – ring type and compact type – are specifically chosen to match each lens’s specs and design. When shooting with 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.

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 (I/II) and i-TTL Balanced Fill-Flash. Every AF-S, AF-I, PC and PC-E series lenses 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*.

Rear Focusing
With Nikon’s Rear Focusing (RF) system, all the lens elements are divided into front, middle and rear groups, with only the middle group moving to focus.

Close-Range Correction System
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.

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

M/A 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 focusing ring. The AF-S DX NIKKOR 18-55 mm f/3.5-5.6G VR, AF-S DX Zoom Nikkor ED 18-55 mm f/3.5-5.6G and AF-S DX Zoom Nikkor ED 18-55 mm f/3.5-5.6G II are equipped with M/A mode switch, and the focus ring on these lenses rotate during autofocus.

M/A mode (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 mode

AF-S NIKKOR ED 18-55 mm f/3.5-5.6G II are equipped with A-M mode switch, and the focus ring on these lenses rotate during autofocus.

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

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

Rear Focusing
With Nikon’s Rear Focusing (RF) system, all the lens elements are divided into front, middle and rear groups, with only the middle group moving to focus.

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Circular Diaphragm
When shooting with an ordinary diaphragm, blurry, polygon-shaped spots are likely to appear as a highly accurate control 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 beautifully natural round shape for out-of-focus objects.

Internal Focusing

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

Zooming
With Nikon’s Zooming (Z) system, the zoom lens is divided into sections, with zoom groups moving relative to each other to achieve the selected focal length, while the other lens group remains stationary.

Normal flat protective glass

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

#### WIDE ANGLE ZOOM NIKKOR LENSES (p.4-54)

<table>
<thead>
<tr>
<th>Lens Name</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF-S DX Zoom-Nikkor 18-35mm f/3.5-4.5G ED</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
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<td>AF-S DX Zoom-Nikkor 18-35mm f/3.5-5.6G ED</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
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</tr>
</tbody>
</table>

#### NORMAL ZOOM NIKKOR LENSES (p.4-51)

<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>AF-S DX Zoom-Nikkor 18-35mm f/3.5-4.5G</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
<tr>
<td>AF-S DX Zoom-Nikkor 18-35mm f/3.5-5.6G</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
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<td>AF-S DX Zoom-Nikkor 18-35mm f/3.5-5.6G VR</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
<tr>
<td>AF-S DX Zoom-Nikkor 18-35mm f/3.5-5.6G VR II</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
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#### TELEPHOTO ZOOM NIKKOR LENSES (p.12-p15)

<table>
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<td>AF-S NIKKOR 18-35mm f/3.5-5.6G ED</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
<tr>
<td>AF-S NIKKOR 18-35mm f/3.5-5.6G ED VR</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
<tr>
<td>AF-S NIKKOR 18-35mm f/3.5-5.6G ED VR II</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
<tr>
<td>AF-S NIKKOR 18-35mm f/3.5-5.6G ED VR III</td>
<td><strong>focal length:</strong> 18-35mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
</tbody>
</table>

#### FIXED FOCAL-LENGTH NIKKOR LENSES (p.22-33)

<table>
<thead>
<tr>
<th>Lens Name</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>AF-S NIKKOR 50mm f/1.8G</td>
<td><strong>focal length:</strong> 50mm  <strong>AF area:</strong>  <strong>IF:</strong>  0.115  1.5  2.0  2.5  3.0  <strong>VR mode:</strong>  9  32  0.28/0.9  1/3.2  205/7.2  65 x 44.5/2.6 x 1.8  52 Snap-on HN-2 (optional) CL-0715 (optional)</td>
</tr>
</tbody>
</table>

- **1** With the IF (Internal Focusing) system, the shorter the focal length becomes because of its optical characteristics.
- **2** Based on CIPA Standard. This value is achieved under: DX-format lenses are attached to an FX-format digital SLR camera, F3-format compatible lenses are attached to an FX-format digital SLR camera, and zoom lenses are set at the maximum telephoto position.
- **3** Minimum focus distance is the distance from a camera’s focal plane mark to the subject.
- **4** Lens hood names indicate (p.e.: HB - snap-on, HR - screw-on, HS - lens hood). Shown only with AF-S or AF-I lenses that have a tripod mounting collar.
- **5** Number in ( ) is for MF.
- **6** Number in ( ) is for macro setting.
- **7** *Number in ( ) is for macro setting at 85-mm telephoto end.
- **8** When in between 18-24 mm.
- **9** When in between 20-28 mm.
- **10** When in 35 mm.
- **11** When in 300 mm.
- **12** When in between 35-50 mm.
- **13** Regularly check the tripod collar.
- **14** Number in ( ) is for the weight without tripod mounting collar.
- **15** Use CL-0715 instead if you are using the lens hood HB-33.
- **16** Close-Range Correction (CRC) system
- **11** Using a filter or an ND filter under some conditions may cause vignetting.
Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. October 2013

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

WARNING