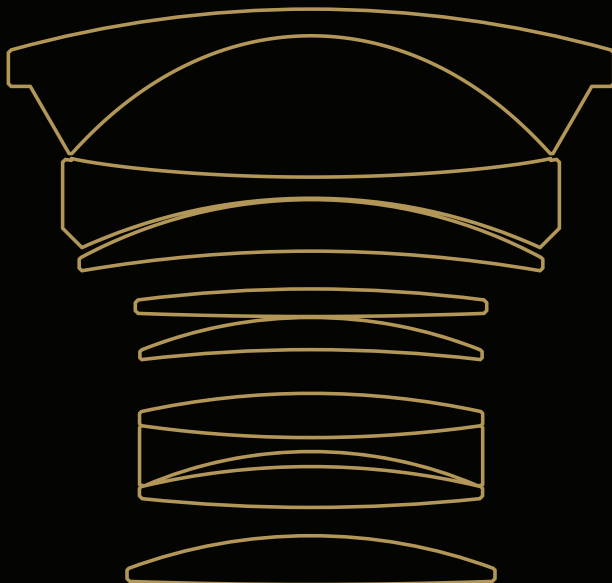


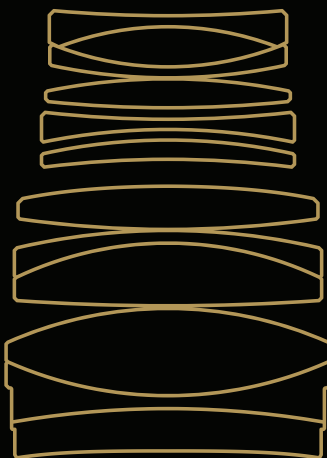


At the heart of the image™



NIKKOR®

GOLD RING SERIES



Nikon th
100
anniversary

THE NIKKOR® GOLD STANDARD

When it comes to choosing photographic equipment, perhaps the most important decision a photographer faces is which lens system to use. For the majority of professional photographers, that choice is simple: NIKKOR. NIKKOR lenses offer unrivaled clarity, sharpness, focusing accuracy, range and reliability.

Nikon continues to raise the bar of optical excellence, and the Gold Ring Series NIKKOR lenses are powerful tools that professionals use to ensure brilliantly sharp images regardless of subject, environment or lighting conditions.

The lenses represented here are truly extraordinary NIKKOR lenses designed to achieve amazing optical performance for the most discerning of users.

To learn more about how Nikon's NIKKOR lens offerings are setting the gold standard of optics visit nikonusa.com/NIKKOR





World's Fastest, Brightest 105mm Full-Frame Lens

Meet the new standard by which all short telephoto lenses will be measured against, the world's first* full-frame 105mm with an f/1.4 aperture. A marvel of optical precision, distortion correction and craftsmanship. Its fast maximum aperture makes this an ideal optic for available light—recommended for portraiture or indoor sports. This short telephoto lens can defocus backgrounds with painterly finesse and isolate subjects with three-dimensional fidelity. For those seeking the ultimate in image quality in photography or videography, there's no close second.

Nikon Gold Ring Series Lens Technologies

Chromatic aberration, ghosting and flare are minimized by three Extra-Low Dispersion (ED) elements. Nano Crystal Coat (N) outperforms conventional antireflection coatings over a broad wavelength range for maximum contrast. Point light sources are reproduced naturally without sagittal coma flare and minimized astigmatism, even at the frame edges. An electromagnetic diaphragm (E) maintains consistent exposure during high-speed capture, while fluorine coat ensures a lifetime of brilliant performances.



AF-S NIKKOR 105mm f/1.4E ED

- World's first full-frame 105mm with an f/1.4 maximum aperture*
- A marvel of optical precision, distortion correction and craftsmanship
 - Chromatic aberration, ghosting and flare is minimized by three Extra-Low Dispersion (ED) elements
- Nano Crystal Coat (N) outperforms conventional antireflection coatings over a broad wavelength range for maximum contrast

*Among AF lenses for digital SLRs compatible with FX-format image sensor; as of February 1, 2017; statement based on Nikon research.



Stunning Performance and Newfound Inspiration

Super steady and always ready, the AF-S NIKKOR 24-70mm f/2.8E ED VR lens is a workhorse ready to help you take your work to the next level. With up to 4 stops* of VR (Vibration Reduction) image stabilization, you can capture sharp, steady handheld stills and HD videos, and shoot at slower shutter speeds in low-light situations without sacrificing sharpness. Pair it with a Nikon full-frame high-resolution DSLR to capture the decisive moment with a thrilling balance of sharpness and soft blur effects. Covering the sweet spot of the zoom range with a fast f/2.8 constant aperture, you'll be ready for everything from environmental portraits, studio photography, landscape, architecture (exteriors and interiors), press events and weddings.

Nikon Gold Ring Series Lens Technologies

A first for NIKKOR lenses, a new Aspherical Extra-Low Dispersion (ASP/ED) element is paired with traditional AS, ED and HRI elements for a thrilling new level of optical precision. Photos and videos take on a beautiful balance of sharpness and soft blur effects, virtually free of flare, ghosting, coma, chromatic or spherical aberration, even at the far edges of the frame. With a highly durable build quality designed to withstand the severest shooting environments, Fluorine coatings on the front and rear elements for easy cleaning, a rear rubber gasket to help keep moisture out. For those who thrive on image quality, the AF-S NIKKOR 24-70mm f/2.8E ED VR delivers.



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

- Fast f/2.8 constant aperture with an electromagnetic diaphragm
- High image quality and sharpness with virtually no distortion
- 4 stops of Vibration Reduction for handheld and low-light shooting
- Nonstick glass makes it easier to wipe off water, dirt and smudges



A Dream Lens

For years, Nikon's 70-200 f/2.8 lens has been the benchmark for fast telephoto zoom lenses, unrivaled for low-light, sports, wildlife, concerts, weddings, portraits and everyday shooting. This new version takes that legendary performance to the next level with the same jaw-dropping image quality that has made it a prized lens of pros and serious hobbyists alike. Every movable part of the lens barrel—nine parts in all—are extensively sealed for dust and water drop resistance. Additionally, the front lens element is coated with Nikon's non-stick Fluorine coat, resisting dirt, fingerprints and smudges. Whether you're shooting a DX DSLR like the D500 or an FX powerhouse like the D5, the AF-S NIKKOR 70-200mm f/2.8E FL ED VR will take you to thrilling new heights.

Nikon Gold Ring Series Lens Technologies

Six ED glass elements, Fluorite (FL) and High Refractive (HRI) lens elements and Nano Crystal Coat (N) all but eliminate distortion and glare and maximize contrast and sharpness, even in difficult backlit situations. The constant f/2.8 maximum aperture produces beautiful, creamy background blur, and the masterful design and construction ensures this lens will be a legend. A High Refractive Index (HRI) lens element and lightweight Fluorite (FL) element located near the front of the optical group keeps the lens evenly balanced as you capture the decisive moment.



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

- Latest generation of Nikon's famed 70-200mm f/2.8 constant aperture zoom lens
- Lens of choice for low-light, sports, wildlife, concerts, weddings, portraits and everyday shooting
 - New optical formula achieves high image quality, even in trying conditions
 - Improved AF performance, weather sealing and handling



Bright And Brilliant In Any Light

A truly versatile high-performance lens, the AF-S NIKKOR 35mm f/1.4G is the choice of pro and serious photographers for landscapes, night scenes, interiors, weddings, photojournalism, astrophotography and more. Its fast maximum aperture ensures a bright viewfinder image as well as beautiful background blur, and its 35mm moderate wide-angle perspective creates compelling views. With an ultra-fast f/1.4 aperture, this lens will help you capture beautiful images with a shallow depth-of-field, even in the most challenging of lighting conditions.

Nikon Gold Series Lens Technologies

Optimized for edge-to-edge sharpness, the AF-S NIKKOR 35mm f/1.4G combines outstanding NIKKOR optics with unique lens technologies. Nikon's exclusive Nano Crystal Coat (N) and Aspherical Lens Element (AS) virtually eliminate ghosting, flare, coma and other types of aberration when shooting at wider apertures. Silent Wave Motor (SWM) and Rear Focusing (RF) enables fast, smooth, accurate and quiet autofocus operation, and a convenient Manual/Autofocus switch (M/A) allows for seamless override of the autofocus system. Simply put, the AF-S NIKKOR 35mm f/1.4G is an advanced lens designed to deliver stunning results with each click of the shutter.



AF-S NIKKOR 35mm F/1.4G

- FX-format, ultra-fast wide-angle lens
 - Nano Crystal Coat
- Optimized for edge to edge sharpness

OPTICAL MASTERPIECES

See Your World Through Renowned NIKKOR Lenses

NIKKOR lenses are born from a tradition of elite craftsmanship and a pursuit of optical perfection more than 80 years in the making. The highest attention to detail is paid to every aspect of every lens that bears the name NIKKOR. Our lenses employ the world's most advanced optical technologies to push the potential of lenses to unprecedented heights. The world's most renowned photographers trust NIKKOR lenses for their superior performance and reliability in the field.

Engineered From The Inside Out

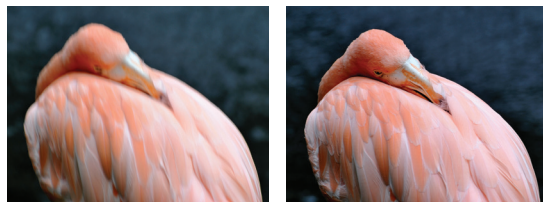
Known for its reliability, clarity and devotion to the needs of passionate photographers, NIKKOR is on a quest to create the finest optics in the world. By adhering to the strictest requirements and testing both in the lab and across a wide range of actual shooting situations, Nikon creates state-of-the-art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



NIKKOR TECHNOLOGY

VR Image Stabilization - Sharper Handheld and Low-Light Images **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. 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.



VR off

VR on

Silent Wave Motor **SWM**

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.

Aspherical Lens Element Design **AS**

Optical flaw correction with superior resolution. In 1968, Nikon introduced the first camera lens to use an Aspherical lens element. What sets them apart? Aspherical lens elements are lens elements with complex curved surfaces, where the radius of curvature changes to optimize light transmission and correct distortions that occur in "normal" spherical lenses. Aspherical lens elements provide superior resolution performance and contribute to a lighter and smaller lens design.

Extra-low Dispersion Glass **ED**

NIKKOR's ED glass lenses exemplify Nikon's preeminence in lens innovation and performance. This specialized glass is able to better focus the entire spectrum of color, nearly eliminating color distortion called chromatic aberration that occurs in ordinary glass lenses. 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, which consequently minimize the secondary spectrum. 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.

Fluorite Lens Elements **FL**

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.

Fluorine Coat

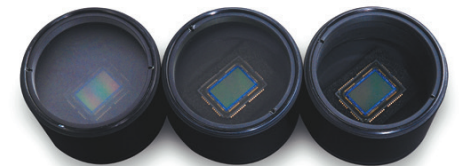
Remarkable non-stick glass professionals need gear that can withstand the elements. Nikon's amazing fluorine coat effectively repels dust, water droplets, grease or dirt, ensuring easy removal even when they adhere to the lens surface. Compared to other manufacturers' coating of a similar kind, fluorine coat endures a higher frequency of lens surface wiping. Its anti-reflective effect also contributes to the capture of clear images.

Precision Glass Molding

Flawless glass is born from flawless molding. In the ongoing pursuit for excellence in lens manufacturing, Nikon developed a special molding technique effective for medium- to large-diameter Aspherical lens elements, which were previously considered to be difficult to mold. Precision Glass Molding (PGM) is the highly meticulous process by which optical glass is softened by heating, then shaped in an Aspherical mold made of special heat-resistant material. This technology has since become widely adopted in the manufacture of Aspherical camera lens elements.

Nano Crystal Coat **N**

Nano Crystal Coat is a revolutionary technology that dramatically reduces ghosting and flare and results in sharper, clearer, high contrast photos and videos. This low-refractive coating is comprised of microscopic nano particles and is far more effective than conventional anti-reflection 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 ghosting and flare effects caused by light entering the lens diagonally. The result: remarkably clearer images.



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

Internal Focusing / Rear Focusing **IF** **RF**

Faster, more compact focusing. When you focus a traditional lens, the lens barrel either gets longer or shorter. Nikon's Internal Focusing (IF) technology enables lenses to focus without changing in size, which is ideal for close-up work like Macro photography. This allows for a more compact, lightweight construction as well as a closer focusing distance. The IF system is featured in many NIKKOR macro, telephoto and selected NIKKOR zoom lenses. 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. This makes autofocus operation smoother and faster.

NIKKOR GOLD RING SERIES LINE-UP

FX-FORMAT

ED Glass Gold Ring

AF NIKKOR 14mm f/2.8D ED
AF-S Zoom-Nikkor 17-35mm f/2.8D IF-ED

Nano Crystal Coat Gold Ring Primes

AF-S NIKKOR 20mm f/1.8G ED
AF-S NIKKOR 24mm f/1.4G ED
AF-S NIKKOR 24mm f/1.8G ED
AF-S NIKKOR 28mm f/1.8G
AF-S NIKKOR 35mm f/1.4G
AF-S NIKKOR 58mm f/1.4G
AF-S NIKKOR 85mm f/1.4G
AF-S NIKKOR 105mm f/1.4E ED
AF-S VR Micro-NIKKOR 105mm f/2.8G IF-ED
AF-S NIKKOR 200mm f/2G ED VR II
AF-S NIKKOR 300mm f/2.8G ED VR II
AF-S Nikkor 300mm f/4D IF-ED
AF-S NIKKOR 300mm f/4E PF ED VR
AF-S NIKKOR 400mm f/2.8E FL ED VR
AF-S NIKKOR 500mm f/4E FL ED VR
AF-S NIKKOR 600mm f/4E FL ED VR
AF-S NIKKOR 800mm f/5.6E FL ED VR

Nano Crystal Coat Gold Ring Zoom

AF-S NIKKOR 16-80mm f/2.8-4E ED VR
AF-S NIKKOR 14-24mm f/2.8G ED
AF-S NIKKOR 16-35mm f/4G ED VR
AF-S NIKKOR 24-120mm f/4G ED VR
AF-S NIKKOR 24-70mm f/2.8E ED VR
AF-S NIKKOR 70-200mm f/2.8E FL ED VR
AF-S NIKKOR 70-200mm f/4G ED VR
AF-S NIKKOR 80-400mm f/4.5-5.6G ED VR
AF-S NIKKOR 200-400mm f/4G ED VR II

Nano Crystal Coat Gold Ring PC

PC NIKKOR 19mm f/4E ED
PC-E NIKKOR 24mm f/3.5D ED
PC-E Micro-NIKKOR 45mm f/2.8D ED
PC-E Micro-NIKKOR 85mm f/2.8D

DX-FORMAT

ED Glass Gold Ring

AF DX Fisheye-Nikkor 10.5mm f/2.8G ED
AF-S DX Zoom-Nikkor 12-24mm f/4G IF ED
AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED



Learn more about NIKKOR at [nikonusa.com/NIKKOR](https://www.nikonusa.com/NIKKOR)

NIKKOR®



Nikon Inc.
1300 Walt Whitman Road Melville, NY 11747-3064
www.nikonusa.com