

Nikon offers a wide range of products and solutions, including cameras, FPD lithography systems, semiconductor lithography systems, microscopes, optical components, and measurement and inspection systems.

Nikon provides a variety of products, services, and solutions worldwide, based on advanced opto-electronics and precision technologies cultivated during the company's more than 100 years of history. To meet the diversifying and sophisticated needs with solid technical capabilities, we have established a flexible Monodzukuri (manufacturing) system throughout the Nikon Group. Nikon will continue to create new values that contribute to the enrichment of daily life and society by supporting the development of imaging culture, the realization of a super-smart society, the improvement of quality of life, and manufacturing in a wide variety of forms.

Imaging Business



Creating a richer and more diverse imaging culture.

[Mirrorless Camera]

Z 9

Flagship mirrorless camera model with the highest functionality and performance in Nikon's history for both still images and videos.



[Digital SLR Camera]

D6

Flagship SLR camera model with powerful AF performance and high-speed continuous shooting for professional needs.



[Mirrorless Camera]

Z fc

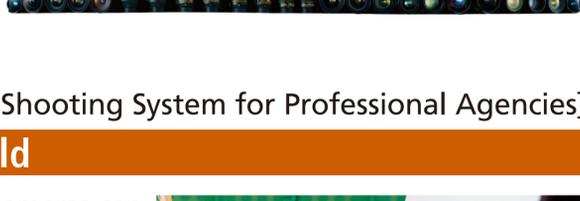
High performance model with a design inspired by the Nikon's historically iconic camera.



[Interchangeable Lenses for Cameras]

NIKKOR Lenses

A lineup of NIKKOR Z lenses that realize new-dimensional optical performance and diverse NIKKOR F lenses.



[Remote Shooting System for Professional Agencies]

NX Field

Multiple cameras can be linked to support remote shooting and image transmission.



[Laser Rangefinder]

COOLSHOT PROII STABILIZED

Equipped with the STABILIZED function and red internal OLED display. Ease of measurement has been even further improved.



[Binoculars]

WX 7x50 IF

An ultra-wide field of view realized by combining Nikon's leading-edge optical technologies and a passion for manufacturing.



[Fieldscope]

MONARCH Fieldscope 82ED-S

Sophisticated optical performance ensures a sharp and clear field of view.



Precision Equipment Business



Contributing to the realization of a super-smart society.

FPD LITHOGRAPHY BUSINESS

[FPD Lithography System]

FX-88S

Gen 8 Plate FPD Lithography System. Supporting panels for high value-added premium displays, such as smart devices, high-end monitors, and large TVs.



SEMICONDUCTOR LITHOGRAPHY BUSINESS

[Semiconductor Lithography System]

NSR-S635E

Developed for high-volume 5-nm node-application manufacturing, realizing overlay accuracy and remarkable throughput.



[Alignment Station]

Litho Booster

Measures absolute grid distortion values quickly and with ultra-high precision for all wafers prior to exposure.

Correction values are fed forward to the lithography system to enable highly accurate overlay correction.



[Automatic Macro Inspection System]

AMI-5700

High-speed and high-sensitivity batch inspection of semiconductor wafers.

Contributes to early detection of defects at mass-production plants in Japan and overseas.



Healthcare Business



Improving the quality of life of people around the world.

[Confocal Microscope System]

AX/AX R

High-resolution and wide-field image acquisition to support research in a wide range of fields.

*Attaches to the ECLIPSE Ti2-E inverted research microscope.



[Inverted Research Microscope]

ECLIPSE Ti2

Significantly contributes to the most advanced bioscience research.



[For Cell and Gene Therapy]

Cell & Gene Therapy Contact Development and Manufacturing

Provides process development and manufacturing service for cells and gene therapy.



[Ultra-Widefield Retinal Imaging Device with Integrated UWF-Guided Swept Source OCT]

Silverstone

Capable of capturing an ultra-wide field retinal image covering approximately 80% of the retina and a cross-sectional retinal image at any position in the ultra-wide field image in one device.



Components Business



Providing products and solutions related to various sectors such as robotics and space.

DIGITAL SOLUTIONS BUSINESS

Optical components

Provides total solutions from design consulting to mass production of optical components.



[Optical Processing Machine "Lasermeister" Series]

3D Metal printer, laser removal processing machine

An extensive lineup is offered to meet a wide range of material processing needs, from metal additive manufacturing to marking, welding, and removal of various materials.



[Intelligent Actuator Unit]

C3 eMotion

Joint units for collaborative robots that contribute significantly to the development and evolution of robot technology.



CUSTOMIZED PRODUCTS BUSINESS

Optical systems for AKATSUKI

Designed and manufactured the optical systems for the lightning and airglow camera (LAC), 1 μm camera (IR1), ultraviolet imager (UVI), and the lens of the 2 μm camera (IR2).



GLASS BUSINESS

Photomask substrates for FPD

Provides high-quality, high-value-added FPD photomask substrates by fully utilizing our precision polishing, film-deposition and measurement technologies.



Industrial Metrology and Others



Contributing to the evolution of industry with high-precision measurement solutions.

INDUSTRIAL METROLOGY BUSINESS

[Video Measuring Systems]

NEXIV VMZ-S Series

Automatically measures the dimensions and shapes of a wide variety of parts with higher speed and precision.



[X-Ray and CT Systems]

XT H 225 ST 2x

Quickly performs internal defect analysis and shape measurement of a wide range of inspection targets, such as small castings and plastic parts.



[Laser Radar Measuring Systems]

APDIS

Performs non-contact 3D measurement of objects up to 50 m away.



[Total Station]

Nivo-Z Series

Precisely measures the distance and angle to the target object.



OPHTHALMIC LENSES BUSINESS

Century AI 2.0

New-concept presbyopia lenses designed by simulating the desired vision. Offers comfortable vision with smooth focus.



Nikon technology is involved in many aspects of life and industry.

Nikon continues to provide a wide range of products and services to a wide variety of industries. These efforts are being deployed in five different businesses, bringing new technologies and ideas to various industries that support people's lives.

