Purpose of publication

This publication is being created to widely introduce the achievements of research and development activities conducted by Nikon Corporation. This is a result of R&D based on Nikon's core technologies of "opto-electronics" and "precision" technologies that have been incorporated in new products and/or often valued by external organizations such as academic societies.

Foreword

Director
Senior Executive Vise President
CTO

Yasuhiro Ohmura

Amid constant changes in the natural environment and society, we face diverse challenges every day. At Nikon, we aim to contribute to the realization of a sustainable society through our business activities by deeply understanding our customers' true needs, collaborating on solutions, and driving innovation together.

We have pursued our vision of becoming *a key technology solutions company in a global society where humans and machines co-create seamlessly* by 2030. This year concludes our current medium-term management plan and serves as the period in which we will formulate our next medium-term plan. To fulfill our vision and meet the expectations of society and our customers, we are committed to exploring the value we can deliver and advancing the technologies that form the foundation for value creation.

Executive Fellow
General Manager of Advanced Technology
Research & Development

Masaaki Doi

I am pleased to present this year's report showcasing the Nikon Group's research and development initiatives. You will find cutting-edge technologies related to each of our business fields, with a focus on our core strengths in applied optics and precision technologies.

In the field of Digital Manufacturing, we highlight the metal additive manufacturing technology we focused on growing towards 2030. In the field of Healthcare business, microscopy technology facilitating assisted reproductive health is featured. From our Imaging business, we feature a power zoom lens with Nikon's renowned optical performance and added enhanced video capabilities. In addition, an innovative in-vehicle camera system that integrates a telephoto lens and a wide-angle lens to capture both distant and peripheral areas simultaneously is described. You will also find optical technology for free-space optical communications via satellites, and encoder technology widely used in industrial machinery such as industrial robots.

Although this report offers only a glimpse into the Nikon Group's technological advancements, I hope it provides greater awareness of our initiatives and inspires new opportunities for Nikon's technologies to benefit society and the environment.

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