

North America Fundus Cameras Market Forecast to 2030 - Regional Analysis - by Type (Mydriatic Fundus Camera, Non-Mydriatic Fundus Camera, Hybrid Fundus Camera, and ROP Fundus Camera), Portability (Handheld and Tabletop), Application (Diabetic Retinopathy, Age-Related Macular Degeneration, Retinal Vascular Disorders, and Others), and End User (Hospitals, Ophthalmology Centers, and Others)

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Abstracts

The North America fundus cameras market was valued at US\$ 261.26 million in 2022 and is expected to reach US\$ 489.43 million by 2030; it is estimated to grow at a CAGR of 8.2% from 2022 to 2030.

Increase in Diabetic Retinopathy Screening Procedures Fuel the North America Fundus Cameras Market

Patients who have diabetes often develop ophthalmic conditions such as corneal abnormalities, glaucoma, cataracts, and neuropathies. Diabetic retinopathy has been the most common and potentially blinding complication associated with the disease. This complication is a leading cause of blindness among persons aged 25-74 years in the US. As per the Medscape report, ~700,000 persons in the US suffer from proliferative diabetic retinopathy with an annual incidence of 65,000. Moreover, the prevalence of diabetic retinopathy in the US accounts for 28.5% among people aged 40 or older. Thus, the rising prevalence of diabetic retinopathy among the US population accelerates demand for safe, effective, and efficient diagnostic systems, such as fundus cameras. The fundus camera units can be fixed or portable. Portable units, including

handheld cameras, have revolutionized diabetic retinopathy screening programs with low costs and simplified operations, compare to desktop ones equipped in ophthalmology clinics. However, desktop fundus cameras provide good image quality.

North America Fundus Cameras Market Overview

Fundus photography is instrumental in the detection and screening of various causes of treatable and preventable blindness, notably DR, age-related macular degeneration, glaucoma, and retinopathy of prematurity. According to the Centers for Disease Control and Prevention, age-related macular degeneration (AMD) is a leading cause of blindness and vision loss among Americans aged 65 and more. According to CDC, the geriatric population in the US is anticipated to nearly double from 48 million in 2015 to 88 million in 2050. Nearly 20 million adults in the US face some form of age-related macular degeneration. DR is a commonly seen complexity in diabetic patients. According to the International Diabetes Federation (IDF), ~537 million adults (20-79 years of age) were living with diabetes in 2021. The same source also reported that the total number of people living with diabetes is estimated to rise to 643 million by 2030. Further, the study (updated in April 2023) by the American Association for Pediatric Ophthalmology and Strabismus (AAPOS) analyzed that annually in the US, ~3.9 million infants are born with retinopathy of prematurity. Moreover, ~14,000 of these are estimated to be affected by this condition and 90% of those affected have only mild disease, and nearly 1,100- 1,500 develop disease severe enough to require medical treatment. Therefore, such a rise in the prevalence of retinopathy of prematurity, DR, and age-related macular degeneration in the population contributes to the US fundus camera market growth in the US.

North America Fundus Cameras Market Revenue and Forecast to 2030 (US\$ Million)

North America Fundus Cameras Market Segmentation

The North America fundus cameras market is segmented based on type, portability, application, end user, and country.

Based on type, the North America fundus cameras market is segmented into mydriatic fundus camera, non-mydriatic fundus camera, hybrid fundus camera, and ROP fundus camera. The non-mydriatic fundus camera segment held the largest market share in 2022.

Based on portability, the North America fundus cameras market is bifurcated into handheld and tabletop. The tabletop segment held a larger market share in 2022.

Based on application, the North America fundus cameras market is segmented into diabetic retinopathy, age-related macular degeneration, retinal vascular disorders, and others. The diabetic retinopathy segment held the largest market share in 2022.

Based on end user, the North America fundus cameras market is segmented into hospitals, ophthalmology centers, and others. The hospitals segment held the largest market share in 2022.

Based on country, the North America fundus cameras market is segmented into the US, Canada, and Mexico. The US dominated the North America fundus cameras market share in 2022.

Nikon Corp, Topcon Corp, NIDEK CO LTD, Canon Inc, Carl Zeiss AG, Visionix USA Inc, Kowa Co Ltd, and Volk Optical Inc are some of the leading players operating in the North America fundus cameras market.

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