

Near-Infrared Imaging Market: The global market is growing at a CAGR of 20% during the forecasted period.

Increasing number of surgical procedures globally is one of the key factors driving market revenue growth.

VANCOUVER, BRITISH COLUMBIA, CANADA, April 18, 2023

/EINPresswire.com/ -- The [global near infrared imaging market](#) size reached USD 950.1 Million in 2021, and is expected to register a CAGR of 10.1% during the forecast period, according to latest analysis by Emergen Research.

Near infrared imaging is a diagnostic tool used for tissue imaging as it is minimally invasive and non-ionizing. It mainly uses near-infrared radiations within a range of 780 nm to 2500 nm. This technique is used to check the concentration and oxygenation of hemoglobin in the brain, muscles, and other tissues. It provides better imaging clarity than conventional methods. This technique is also widely used in applications, such as cardiovascular surgeries, cancer surgeries, plastic surgeries, and preclinical imaging.



Near-Infrared Imaging Market Size – USD 950.1 Million in 2021, Market Growth – at a CAGR of 10.1%”

Emergen Research

Health concerns among geriatric population has been high, which will subsequently result in increasing use of near infrared imaging solutions. Additionally, increasing health awareness regarding the benefits of surgical treatments in several medical conditions at early or required stages is driving adoption of near infrared

imaging solutions. Healthcare institutions and diagnostic centers prefer adopting technologically advanced imaging tools with improved and automated features. These factors are expected to create lucrative growth opportunities for manufacturers in the market during the forecast period. However, high cost of infrared detectors and availability of alternative imaging techniques are key factors that are expected to hinder the market growth.



Near-infrared (NIR) imaging is a cutting-edge imaging technique that utilizes near-infrared light to visualize objects and tissues at the molecular level. This non-invasive imaging modality has gained significant attention in various fields, including medical diagnostics, pharmaceutical research, agriculture, and industrial applications. With its ability to provide real-time, high-resolution, and depth-sensitive imaging, NIR imaging has emerged as a promising tool with immense potential for a wide range of applications.

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Report Scope:

Forecast Period: 2022 - 2030

CAGR: 10.1%

Base Year: 2021

Number of Pages: 250

The research report offers in-depth insights into company profiles along with their production values, production capacity, product portfolio, strategic plans such as mergers and acquisitions, joint ventures, collaborations, product launches and brand promotions, government and corporate deals, among others. The report, additionally, offers a comprehensive SWOT analysis and Porter's Five Forces analysis to offer a better understanding of the competitive landscape of the industry.

Leading Players Profiled in the Report:

Stryker (U.S.),
Carl Zeiss Meditec AG (Germany),
Olympus Corporation (Japan),
PerkinElmer, Inc. (U.S.),
Shimadzu Corporation (Japan),
Merck & Co., Inc. (U.S.),
Thermo Fisher Scientific (U.S.),
Leica Microsystems (U.S.),
LI-COR, Inc. (U.S.),
Fluoptics (France),
Quest Medical Imaging B.V. (Netherlands),
Cayman Chemical (U.S.)

To know more about the report, visit @ <https://www.emergenresearch.com/industry->

Key Highlights from the Report

Based on product type, the device segment revenue is expected to record a substantially rapid CAGR of 9.9% during the forecast period due to the launch of near-infrared imaging systems used for surgical procedures by a majority of prominent players in the market. The device segment is further segmented into near-infrared fluorescence imaging systems, near-infrared fluorescence, and bioluminescence imaging systems. The near-infrared fluorescence imaging systems segment is projected to account for largest share in near-infrared imaging market. This is attributed to increasing research activities and various benefits of near-infrared fluorescence imaging systems, such as high image resolution and sensitivity as well as real-time image guidance, during surgeries.

Based on end-user, the hospitals and clinics segment accounted for largest revenue share of USD 619.48 million in 2021 and is expected to grow at a CAGR of 10.4% over the forecast period. This is attributed to increasing number of cancer patient admissions in hospitals and clinics and well-established healthcare facilities in developed countries.

North America accounted for largest revenue share of 35.9% in 2021 and is expected to register a growth rate of over 9.4% during the forecast period. This growth is mainly due to high disposable income of consumers, adoption of technologically advanced medical devices, and diagnostic techniques. Increasing number of cancer cases reported in U.S. by American Cancer Society is expected to drive market revenue growth due to rising number of surgical procedures. According to the American Cancer Society, nearly 1.9 million new cancer cases were identified in 2021 in U.S. In addition, surge in number of reconstructive and cosmetic surgeries in the country due to increased spending and awareness regarding early diagnosis is expected to create robust growth opportunities.

In Asia-Pacific, near infrared imaging market is anticipated to register the fastest CAGR of 11.2% during the forecast period. The presence of developing countries, such as China, India, and Japan, is expected to drive market growth in the region. Due to huge population base with low per capita income in the region, demand for affordable treatment options remains high. Multinational companies are keen to invest in developing countries, such as India and South Korea. Thus, many market players are entering strategic alliances with local players. This is expected to drive growth of near infrared imaging market during the forecast period.

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Segments Covered in Report

Product Type Outlook (Revenue, USD Million; 2019–2030)

Devices

Near-Infrared Fluorescence Imaging Systems

Near-Infrared Fluorescence and Bioluminescence Imaging Systems

Reagent/Dye

Application Outlook (Revenue, USD Million; 2019–2030)

Preclinical Imaging

Cancer Surgeries

Gastrointestinal Surgeries

Cardiovascular Surgeries

Plastic/Reconstructive Surgeries

End-Use Outlook (Revenue, USD Million; 2019–2030)

Hospitals & Clinics

Research Laboratories

Other End-users

In conclusion, the report is designed to provide an in-depth analysis of all the key change calculation factors that replicate the decisions that trigger the change, which pushes the player's winning position profitable on the growth curve despite massive competition in the target Near-Infrared Imaging market.

The near-infrared (NIR) imaging market is a rapidly growing field with immense potential for various applications in medical diagnostics, pharmaceutical research, agriculture, and industrial settings. If you are interested in understanding the current market trends, opportunities, and challenges in the NIR imaging market, investing in a comprehensive market report can be highly beneficial.

Here are some key reasons to consider buying a NIR imaging market report:

Market Overview and Analysis: A NIR imaging market report provides a detailed overview and analysis of the current market landscape, including market size, growth rate, and market segmentation. It can help you understand the market dynamics, trends, and opportunities, which can be crucial for making informed business decisions.

Competitive Landscape: A NIR imaging market report provides a comprehensive analysis of the competitive landscape, including key players, their market share, and strategies. It can help you identify the major market players and their strengths and weaknesses, which can be useful for benchmarking your own strategies and gaining a competitive edge.

Market Segmentation and Forecast: A NIR imaging market report provides detailed market segmentation based on technology, application, end-user, and geography. It can help you understand the market size and growth prospects of different segments, and identify potential areas of investment. The report also includes market forecasts, giving you insights into the future market trends and opportunities.

Technology and Innovation Trends: NIR imaging is a rapidly evolving field with continuous advancements in technology and innovation. A NIR imaging market report provides insights into the latest technological trends, research and development activities, and innovations in the field. This can help you stay updated with the latest advancements and identify opportunities for technological collaborations or investments.

Application Insights: NIR imaging has diverse applications across various fields, including medical diagnostics, pharmaceutical research, agriculture, and industrial settings. A NIR imaging market report provides detailed insights into the current and potential applications of NIR imaging, including market trends, opportunities, and challenges. This can help you identify the most lucrative application areas and tailor your strategies accordingly.

Investment Opportunities and Market Entry Strategies: A NIR imaging market report can provide insights into investment opportunities and market entry strategies. It can help you identify potential markets, assess their growth potential, and develop effective strategies for market entry or expansion. This can be particularly useful for new entrants or companies looking to diversify their business portfolios.

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