

Global Mid-infrared Lasers Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Mid-infrared Lasers market size was valued at USD 808.4 million in 2023 and is forecast to a readjusted size of USD 923.2 million by 2030 with a CAGR of 1.9% during review period.

The near infrared band range is 0.7 μ m - ~ 1.5-2.0 μ m. The specific boundary value between near infrared and mid infrared depends on the specific industry, application and detection technology. The mid infrared wavelength range defined in this paper is 2 – 20 μ m.

From the regional level, China's Mid-infrared Lasers market has changed rapidly in the past few years, accounting for about 14% of the global market.

The main manufacturers of Mid-infrared Lasers products in the world include IPG Photonics, Daylight Solutions, M Squared Lasers, Coherent, Ekspla, Northrop Grumman, Genia Photonics, Block Engineering, NKT Photonics, Cobolt AB, Quantum Composers, Leukos, CNI, LVF (lumir lasers), etc Photonics is the global leader in the mid infrared laser market, and its revenue accounts for about 17% of the total market revenue.

The Global Info Research report includes an overview of the development of the Mid-infrared Lasers industry chain, the market status of Medical Care (Mid-IR Fiber Lasers, Mid-IR Semiconductor Lasers), Environment & Energy (Mid-IR Fiber Lasers, Mid-IR Semiconductor Lasers), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Mid-infrared Lasers.

Regionally, the report analyzes the Mid-infrared Lasers markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Mid-infrared Lasers market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Mid-infrared Lasers market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Mid-infrared Lasers industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Mid-IR Fiber Lasers, Mid-IR Semiconductor Lasers).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Mid-infrared Lasers market.

Regional Analysis: The report involves examining the Mid-infrared Lasers market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Mid-infrared Lasers market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Mid-infrared Lasers:

Company Analysis: Report covers individual Mid-infrared Lasers manufacturers, suppliers, and other relevant industry players. This analysis includes studying their

financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Mid-infrared Lasers. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Medical Care, Environment & Energy).

Technology Analysis: Report covers specific technologies relevant to Mid-infrared Lasers. It assesses the current state, advancements, and potential future developments in Mid-infrared Lasers areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Mid-infrared Lasers market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Mid-infrared Lasers market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Mid-IR Fiber Lasers

Mid-IR Semiconductor Lasers

Mid-IR Solid-State Lasers

Mid-IR Supercontinuum Laser

Market segment by Application

Medical Care

Environment & Energy

Military

Remote Sensing

Spectroscopy

Others

Major players covered

IPG Photonics

Daylight Solutions

M Squared Lasers

Coherent

EKSPLA

Northrop Grumman

Genia Photonics

Block Engineering

NKT Photonics

Cobolt

Quantum Composers

LEUKOS

CNI

LVF

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Mid-infrared Lasers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Mid-infrared Lasers, with price, sales, revenue and global market share of Mid-infrared Lasers from 2019 to 2024.

Chapter 3, the Mid-infrared Lasers competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Mid-infrared Lasers breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017

to 2023.and Mid-infrared Lasers market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Mid-infrared Lasers.

Chapter 14 and 15, to describe Mid-infrared Lasers sales channel, distributors, customers, research findings and conclusion.

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