

# Global 2D LiDAR Sensors 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 2D LiDAR Sensors market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

There are two versions of 2D lidar sensor according to the horizontal scanning angle: 270 ° and 360 °. It meets the most basic requirements of industrial applications and is an ideal sensor for low-speed navigation.

The Global Info Research report includes an overview of the development of the 2D LiDAR Sensors industry chain, the market status of Robotic Technologies (270 ° Scanning Angle Sensor, 360 ° Scanning Angle Sensor), Security and Surveillance (270 ° Scanning Angle Sensor, 360 ° Scanning Angle Sensor), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of 2D LiDAR Sensors.

Regionally, the report analyzes the 2D LiDAR Sensors 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 2D LiDAR Sensors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the 2D LiDAR Sensors 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 2D LiDAR Sensors 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., 270 ° Scanning Angle Sensor, 360 ° Scanning Angle Sensor).

**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 2D LiDAR Sensors market.

**Regional Analysis:** The report involves examining the 2D LiDAR Sensors 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 2D LiDAR Sensors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to 2D LiDAR Sensors:

**Company Analysis:** Report covers individual 2D LiDAR Sensors 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 2D LiDAR Sensors This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Robotic Technologies, Security and Surveillance).

**Technology Analysis:** Report covers specific technologies relevant to 2D LiDAR Sensors. It assesses the current state, advancements, and potential future developments in 2D LiDAR Sensors areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the 2D LiDAR Sensors 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

2D LiDAR Sensors 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

270 ° Scanning Angle Sensor

360 ° Scanning Angle Sensor

#### Market segment by Application

Robotic Technologies

Security and Surveillance

Industrial Automation

Logistics

Other

#### Major players covered

SICK AG

Pepperl+Fuchs

NHKtech

HANGZHOU OLE-SYSTEMS

Innoviz Technologies

Terabee

LeddarTech

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 2D LiDAR Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 2D LiDAR Sensors, with price, sales, revenue and global market share of 2D LiDAR Sensors from 2019 to 2024.

Chapter 3, the 2D LiDAR Sensors competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 2D LiDAR Sensors 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 2D LiDAR Sensors 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 2D LiDAR Sensors.

Chapter 14 and 15, to describe 2D LiDAR Sensors sales channel, distributors, customers, research findings and conclusion.

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