

Global EO and IR Gimbal 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 EO and IR Gimbal market size was valued at USD 527.1 million in 2023 and is forecast to a readjusted size of USD 677.7 million by 2030 with a CAGR of 3.7% during review period.

EO/IR gimbals are the pivots that majorly consist of electro-optical (EO) and infrared (IR) sensors and a gyroscope to stabilize the camera attached with it. Electro optics/infrared (EO/IR) gimbal is a small device with a dual sensor, which gives better point accuracy. The gimbal has features like 360-degree continuous rotation and gyrostabilized. Its different applications include search & rescue, aerial survey, fire inspection, and traffic surveillance.

Global top four manufacturers of EO and IR gimbal include China North Industries Group, Leonardo DRS, Safran, Collins Aerospace and Teledyne FLIR. Geographically speaking, Asia-Pacific is the largest market, has a market share of about 35%. In terms of type, both 2-axis EO/IR Gimbals and 3-axis EO/IR Gimbals account for about 45% of market share. In terms of application, civil is the dominant field using EO and IR gimbal, has a market share of about 77%.

The Global Info Research report includes an overview of the development of the EO and IR Gimbal industry chain, the market status of Military (2-axis EO/IR Gimbals, 3-axis EO/IR Gimbals), Civil (2-axis EO/IR Gimbals, 3-axis EO/IR Gimbals), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of EO and IR Gimbal.

Regionally, the report analyzes the EO and IR Gimbal 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 EO and IR Gimbal market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the EO and IR Gimbal 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 EO and IR Gimbal 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., 2-axis EO/IR Gimbals, 3-axis EO/IR Gimbals).

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 EO and IR Gimbal market.

Regional Analysis: The report involves examining the EO and IR Gimbal 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 EO and IR Gimbal market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to EO and IR Gimbal:

Company Analysis: Report covers individual EO and IR Gimbal 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 EO and IR Gimbal This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Military, Civil).

Technology Analysis: Report covers specific technologies relevant to EO and IR Gimbal. It assesses the current state, advancements, and potential future developments in EO and IR Gimbal areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the EO and IR Gimbal 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

EO and IR Gimbal 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

2-axis EO/IR Gimbals

3-axis EO/IR Gimbals

Others

Market segment by Application

Military

Civil

Major players covered



China North Industries Group Teledyne FLIR Northrop Grumman Elbit Systems L3Harris Wescam Safran Leonardo DRS Collins Aerospace Controp Edge Autonomy Ascent Vision Technologies (AVT) 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 EO and IR Gimbal product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of EO and IR Gimbal, with price, sales, revenue and global market share of EO and IR Gimbal from 2019 to 2024.

Chapter 3, the EO and IR Gimbal competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the EO and IR Gimbal 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 EO and IR Gimbal 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 EO and IR Gimbal.

Chapter 14 and 15, to describe EO and IR Gimbal sales channel, distributors, customers, research findings and conclusion.



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