

# Global Electronic IMU Sensors Market Growth 2025-2031

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## Abstracts

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The global Electronic IMU Sensors market size is predicted to grow from US\$ 2161 million in 2025 to US\$ 2824 million in 2031; it is expected to grow at a CAGR of 4.6% from 2025 to 2031.

An inertial measurement unit (IMU) sensor is an electronic device that measures and reports a craft's velocity, orientation, and gravitational forces, using a combination of accelerometers and gyroscopes, sometimes also magnetometers. In this report, the high performance IMU sensors were counted and analyzed. We take into account industrial, aerospace, defense applications (even industrial applications are considered as "high-performance" applications, as opposed to consumer ones). This refers to the applications: we take into account all the inertial sensors except the consumer / mobile and the automotive applications.

Global Electronic IMU Sensors key players include Honeywell International, Northrop Grumman Corp, SAFRAN, Thales, Kearfott, etc. Global top five players hold a share about 75%.

North America is the largest market, with a share about 40%, followed by Europe and China, having a total share about 50 percent.

In terms of product, the segment includes FOG, RLG, DTG and Others Mechanical, Si / Quartz MEMS, HRG and Emerging technology. And in terms of application, the largest application is Aerospace, followed by Defense, Industrial, Naval, Offshore Markets.

LP Information, Inc. (LPI) ' newest research report, the “Electronic IMU Sensors Industry Forecast” looks at past sales and reviews total world Electronic IMU Sensors sales in 2024, providing a comprehensive analysis by region and market sector of projected Electronic IMU Sensors sales for 2025 through 2031. With Electronic IMU Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Electronic IMU Sensors industry.

This Insight Report provides a comprehensive analysis of the global Electronic IMU Sensors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Electronic IMU Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Electronic IMU Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Electronic IMU Sensors and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Electronic IMU Sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of Electronic IMU Sensors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

FOG

RLG

DTG and Others Mechanical

Si / Quartz MEMS

HRG and Emerging technology

### Segmentation by Application:

Defense

Aerospace

Industrial, Naval, Offshore

### This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Honeywell International

Northrop Grumman Corp

SAFRAN

Thales

Kearfott

KVH Industries

UTC

Systron Donner Inertial

IAI Tamam

Elop

L-3 Communications

VectorNav

Tronics

SBG systems

AOSense

Analog Devices

MEGGITT

Sensoror

EPSON TOYOCOM

JAE

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Electronic IMU Sensors market?

What factors are driving Electronic IMU Sensors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Electronic IMU Sensors market opportunities vary by end market size?

How does Electronic IMU Sensors break out by Type, by Application?

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