

# Global Inertial Measurement Units (IMU) for Autonomous Vehicles Market Growth 2022-2028

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## Abstracts

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The inertial measurement unit (IMU) is an electronic device, which is used to measure the non-gravitational force per unit mass, angular velocity, and the changes in the magnetic field surrounding the vehicle or specific parts of the vehicle.

The global market for Inertial Measurement Units (IMU) for Autonomous Vehicles is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Inertial Measurement Units (IMU) for Autonomous Vehicles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Inertial Measurement Units (IMU) for Autonomous Vehicles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Inertial Measurement Units (IMU) for Autonomous Vehicles market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Inertial Measurement Units (IMU) for Autonomous Vehicles market is

expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Inertial Measurement Units (IMU) for Autonomous Vehicles players cover Bosch, Continental, Honeywell, Murata Manufacturing and Texas Instruments and etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Inertial Measurement Units (IMU) for Autonomous Vehicles market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Inertial Measurement Units (IMU) for Autonomous Vehicles market, with both quantitative and qualitative data, to help readers understand how the Inertial Measurement Units (IMU) for Autonomous Vehicles market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

## Market Segmentation:

The study segments the Inertial Measurement Units (IMU) for Autonomous Vehicles market and forecasts the market size by Type (MEMS gyroscope-based IMUs, FOG-based IMUs and RLG-Based IMUs), by Application (Passenger Vehicles and Commercial Vehicles.), and region (APAC, Americas, Europe, and Middle East & Africa).

## Segmentation by type

MEMS gyroscope-based IMUs

FOG-based IMUs

RLG-Based IMUs

Segmentation by application

Passenger Vehicles

Commercial Vehicles

Segmentation 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

Major companies covered

Bosch

Continental

Honeywell

Murata Manufacturing

Texas Instruments

ZF Friedrichshafen

Chapter Introduction

Chapter 1: Scope of Inertial Measurement Units (IMU) for Autonomous Vehicles, Research Methodology, etc.

Chapter 2: Executive Summary, global Inertial Measurement Units (IMU) for Autonomous Vehicles market size (sales and revenue) and CAGR, Inertial Measurement Units (IMU) for Autonomous Vehicles market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Inertial Measurement Units (IMU) for Autonomous Vehicles sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Inertial Measurement Units (IMU) for Autonomous Vehicles sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Inertial Measurement Units (IMU) for Autonomous Vehicles market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Bosch, Continental, Honeywell, Murata Manufacturing, Texas Instruments and ZF Friedrichshafen, etc.

Chapter 14: Research Findings and Conclusion

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