

# Global Visual SLAM Autonomous Mobile Robot Market Growth 2024-2030

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## Abstracts

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Visual SLAM autonomous mobile robots refer to robots that use computer vision technology for scene perception and environment modeling, and realize autonomous navigation and movement through Simultaneous Localization and Mapping (SLAM) algorithms. They use visual sensors such as cameras or cameras to obtain environmental information and use this information for positioning and map construction to achieve the ability to move and perform tasks autonomously.

The global Visual SLAM Autonomous Mobile Robot market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Visual SLAM Autonomous Mobile Robot Industry Forecast” looks at past sales and reviews total world Visual SLAM Autonomous Mobile Robot sales in 2023, providing a comprehensive analysis by region and market sector of projected Visual SLAM Autonomous Mobile Robot sales for 2024 through 2030. With Visual SLAM Autonomous Mobile Robot sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Visual SLAM Autonomous Mobile Robot industry.

This Insight Report provides a comprehensive analysis of the global Visual SLAM Autonomous Mobile Robot 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 Visual SLAM Autonomous Mobile Robot portfolios and capabilities, market

entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Visual SLAM Autonomous Mobile Robot market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Visual SLAM Autonomous Mobile Robot 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 Visual SLAM Autonomous Mobile Robot.

United States market for Visual SLAM Autonomous Mobile Robot is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Visual SLAM Autonomous Mobile Robot is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Visual SLAM Autonomous Mobile Robot is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Visual SLAM Autonomous Mobile Robot players cover KUKA, Omron, Clearpath Robotics, Vecna, Mobile Industrial Robots, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Visual SLAM Autonomous Mobile Robot market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Monocular Vision

Binocular Vision

Segmentation by Application:

Manufacturing

Logistics Warehousing

Retail Industry

Agriculture

Others

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.

KUKA

Omron

Clearpath Robotics

Vecna

Mobile Industrial Robots

SMP Robotics

Aethon

Locus Robotics

Fetch Robotics (Zebra)

Geekplus Technology

6 River Systems

ABB

ForwardX Robotics

Iplusmobot Technology

DF Automation & Robotics

Yujin Robot

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Visual SLAM Autonomous Mobile Robot market?

What factors are driving Visual SLAM Autonomous Mobile Robot market growth, globally and by region?

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

How do Visual SLAM Autonomous Mobile Robot market opportunities vary by end market size?

How does Visual SLAM Autonomous Mobile Robot break out by Type, by Application?

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