

Autonomous Mobile Robot - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/AA0E71CA083EN.html>

Date: December 2018

Pages: 198

Price: US\$ 4,150.00 (Single User License)

ID: AA0E71CA083EN

Abstracts

According to Statistics MRC, the Global Autonomous Mobile Robot Market is accounted for \$4.98 million in 2017 and is expected to reach \$14.79 million by 2026 growing at a CAGR of 12.9% during the forecast period. The developments in the sensors used for navigation & rising dependence on unmanned or military vehicles are driving the market. However, a high capital requirement for incorporation of these devices is hampering market growth.

An autonomous mobile robot is a machine that performs behaviors or tasks with a high degree of autonomy. Autonomous robotics is usually considered to be a subfield of artificial intelligence, robotics and information engineering. In addition, having the mobility feature, it is capable of locomotion.

Based on the type, Unmanned Ground Vehicles (UGVs) are primarily used in the defense sector to supply ammunition to soldiers during combat situations, carry out rescue operations during disasters, and detect and defuse or detonate explosives. The growth of the UGV's is also attributed to high demand in the Americas owing to the increasing terrorist threats and the ongoing war with ISIS.

Among geography, the demand for mobile robots in North America is continuously increasing owing to the factors, such as mounting internal and external security threats, owing to increased terrorist activities and growing usage of mobile robots for patrolling to spot intruders or enemy forces.

Some of the key players in the Autonomous Mobile Robots are Clearpath Robotics, Fetch Robotics, Hi-Tech Robotic Systemz, Savioke, SMP Robotics, Kongsberg Maritime, Aethon, Cimcorp Automation, Cobham, Locus Robotics, Mobile Industrial

Robots, Omron Adept, SMP Robotics, Swisslog (KUKA), Vecna, Softbank Robotics and Waypoint Robotics.

Products Covered:

Spying Robots

Mobile Robot Navigation

Space Robots

Types Covered:

Unmanned Aerial Vehicle

Unmanned Marine Vehicle

Unmanned Ground Vehicle

Humanoid

Other Types

Mode of Operations Covered:

Autonomous

Human Operated

Functional Abilities Covered:

Autonomous Navigation

Environmental Perception

Self-maintenance

Task Perception

Task Performance

Other Functional Abilities

Applications Covered:

Residential Maintenance

Manufacturing

Industrial Automation

Commercial Operations

Other Applications

End Users Covered:

Power & Energy

Oil & Gas

Mining & Minerals

Medical & Healthcare

Logistics & Warehouse

Forest & Agriculture

Aerospace & Defense

Automotive

Discount Store

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Futuristic Market Scenario

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 Spying Robots
- 5.3 Mobile Robot Navigation
- 5.4 Space Robots

6 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY TYPE

- 6.1 Introduction
- 6.2 Unmanned Aerial Vehicle
- 6.3 Unmanned Marine Vehicle
- 6.4 Unmanned Ground Vehicle
- 6.5 Humanoid
- 6.6 Other Types
 - 6.6.1 Autonomous With Simultaneous Localization and Mapping (SLAM)
 - 6.6.2 Autonomous Without Simultaneous Localization and Mapping (SLAM)

7 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY MODE OF OPERATION

- 7.1 Introduction
- 7.2 Autonomous
 - 7.2.1 Fully Autonomous
 - 7.2.2 Semi-Autonomous
- 7.3 Human Operated
 - 7.3.1 Untethered
 - 7.3.2 Tethered

8 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY FUNCTIONAL ABILITY

- 8.1 Introduction
- 8.2 Autonomous Navigation
- 8.3 Environmental Perception
- 8.4 Self-maintenance
- 8.5 Task Perception
- 8.6 Task Performance
- 8.7 Other Functional Abilities
 - 8.7.1 Self-learning

8.7.2 Reasoning

9 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY APPLICATION

- 9.1 Introduction
- 9.2 Residential Maintenance
- 9.3 Manufacturing
- 9.4 Industrial Automation
- 9.5 Commercial Operations
- 9.6 Other Applications

10 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY END USER

- 10.1 Introduction
- 10.2 Power & Energy
- 10.3 Oil & Gas
- 10.4 Mining & Minerals
- 10.5 Medical & Healthcare
- 10.6 Logistics & Warehouse
- 10.7 Forest & Agriculture
- 10.8 Aerospace & Defense
- 10.9 Automotive
- 10.10 Discount Store

11 GLOBAL AUTONOMOUS MOBILE ROBOT MARKET, BY GEOGRAPHY

- 11.1 Introduction
- 11.2 North America
 - 11.2.1 US
 - 11.2.2 Canada
 - 11.2.3 Mexico
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.2 UK
 - 11.3.3 Italy
 - 11.3.4 France
 - 11.3.5 Spain
 - 11.3.6 Rest of Europe
- 11.4 Asia Pacific

- 11.4.1 Japan
- 11.4.2 China
- 11.4.3 India
- 11.4.4 Australia
- 11.4.5 New Zealand
- 11.4.6 South Korea
- 11.4.7 Rest of Asia Pacific
- 11.5 South America
 - 11.5.1 Argentina
 - 11.5.2 Brazil
 - 11.5.3 Chile
 - 11.5.4 Rest of South America
- 11.6 Middle East & Africa
 - 11.6.1 Saudi Arabia
 - 11.6.2 UAE
 - 11.6.3 Qatar
 - 11.6.4 South Africa
 - 11.6.5 Rest of Middle East & Africa

12 KEY DEVELOPMENTS

- 12.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 12.2 Acquisitions & Mergers
- 12.3 New Product Launch
- 12.4 Expansions
- 12.5 Other Key Strategies

13 COMPANY PROFILING

- 13.1 Clearpath Robotics
- 13.2 Fetch Robotics
- 13.3 Hi-Tech Robotic Systemz
- 13.4 Savioke
- 13.5 SMP Robotics
- 13.6 Kongsberg Maritime
- 13.7 Aethon
- 13.8 Cimcorp Automation
- 13.9 Cobham
- 13.10 Locus Robotics

13.11 Mobile Industrial Robots

13.12 Omron Adept

13.13 SMP Robotics

13.14 Swisslog (KUKA)

13.15 Vecna

13.16 Softbank Robotics

13.17 Waypoint Robotics

List Of Tables

LIST OF TABLES

Table 1 Global Autonomous Mobile Robot Market Outlook, By Region (2016-2026) (\$MN)

Table 2 Global Autonomous Mobile Robot Market Outlook, By Product (2016-2026) (\$MN)

Table 3 Global Autonomous Mobile Robot Market Outlook, By Spying Robots (2016-2026) (\$MN)

Table 4 Global Autonomous Mobile Robot Market Outlook, By Mobile Robot Navigation (2016-2026) (\$MN)

Table 5 Global Autonomous Mobile Robot Market Outlook, By Space Robots (2016-2026) (\$MN)

Table 6 Global Autonomous Mobile Robot Market Outlook, By Type (2016-2026) (\$MN)

Table 7 Global Autonomous Mobile Robot Market Outlook, By Unmanned Aerial Vehicle (2016-2026) (\$MN)

Table 8 Global Autonomous Mobile Robot Market Outlook, By Unmanned Marine Vehicle (2016-2026) (\$MN)

Table 9 Global Autonomous Mobile Robot Market Outlook, By Unmanned Ground Vehicle (2016-2026) (\$MN)

Table 10 Global Autonomous Mobile Robot Market Outlook, By Humanoid (2016-2026) (\$MN)

Table 11 Global Autonomous Mobile Robot Market Outlook, By Other Types (2016-2026) (\$MN)

Table 12 Global Autonomous Mobile Robot Market Outlook, By Autonomous With Simultaneous Localization and Mapping (SLAM) (2016-2026) (\$MN)

Table 13 Global Autonomous Mobile Robot Market Outlook, By Autonomous Without Simultaneous Localization and Mapping (SLAM) (2016-2026) (\$MN)

Table 14 Global Autonomous Mobile Robot Market Outlook, By Mode of Operation (2016-2026) (\$MN)

Table 15 Global Autonomous Mobile Robot Market Outlook, By Autonomous (2016-2026) (\$MN)

Table 16 Global Autonomous Mobile Robot Market Outlook, By Fully Autonomous (2016-2026) (\$MN)

Table 17 Global Autonomous Mobile Robot Market Outlook, By Semi-Autonomous (2016-2026) (\$MN)

Table 18 Global Autonomous Mobile Robot Market Outlook, By Human Operated (2016-2026) (\$MN)

Table 19 Global Autonomous Mobile Robot Market Outlook, By Untethered (2016-2026) (\$MN)

Table 20 Global Autonomous Mobile Robot Market Outlook, By Tethered (2016-2026) (\$MN)

Table 21 Global Autonomous Mobile Robot Market Outlook, By Functional Ability (2016-2026) (\$MN)

Table 22 Global Autonomous Mobile Robot Market Outlook, By Autonomous Navigation (2016-2026) (\$MN)

Table 23 Global Autonomous Mobile Robot Market Outlook, By Environmental Perception (2016-2026) (\$MN)

Table 24 Global Autonomous Mobile Robot Market Outlook, By Self-maintenance (2016-2026) (\$MN)

Table 25 Global Autonomous Mobile Robot Market Outlook, By Task Perception (2016-2026) (\$MN)

Table 26 Global Autonomous Mobile Robot Market Outlook, By Task Performance (2016-2026) (\$MN)

Table 27 Global Autonomous Mobile Robot Market Outlook, By Other Functional Abilities (2016-2026) (\$MN)

Table 28 Global Autonomous Mobile Robot Market Outlook, By Self-learning (2016-2026) (\$MN)

Table 29 Global Autonomous Mobile Robot Market Outlook, By Reasoning (2016-2026) (\$MN)

Table 30 Global Autonomous Mobile Robot Market Outlook, By Application (2016-2026) (\$MN)

Table 31 Global Autonomous Mobile Robot Market Outlook, By Residential Maintenance (2016-2026) (\$MN)

Table 32 Global Autonomous Mobile Robot Market Outlook, By Manufacturing (2016-2026) (\$MN)

Table 33 Global Autonomous Mobile Robot Market Outlook, By Industrial Automation (2016-2026) (\$MN)

Table 34 Global Autonomous Mobile Robot Market Outlook, By Commercial Operations (2016-2026) (\$MN)

Table 35 Global Autonomous Mobile Robot Market Outlook, By Other Applications (2016-2026) (\$MN)

Table 36 Global Autonomous Mobile Robot Market Outlook, By End User (2016-2026) (\$MN)

Table 37 Global Autonomous Mobile Robot Market Outlook, By Power & Energy (2016-2026) (\$MN)

Table 38 Global Autonomous Mobile Robot Market Outlook, By Oil & Gas (2016-2026)

(\$MN)

Table 39 Global Autonomous Mobile Robot Market Outlook, By Mining & Minerals
(2016-2026) (\$MN)

Table 40 Global Autonomous Mobile Robot Market Outlook, By Medical & Healthcare
(2016-2026) (\$MN)

Table 41 Global Autonomous Mobile Robot Market Outlook, By Logistics & Warehouse
(2016-2026) (\$MN)

Table 42 Global Autonomous Mobile Robot Market Outlook, By Forest & Agriculture
(2016-2026) (\$MN)

Table 43 Global Autonomous Mobile Robot Market Outlook, By Aerospace & Defense
(2016-2026) (\$MN)

Table 44 Global Autonomous Mobile Robot Market Outlook, By Automotive (2016-2026)
(\$MN)

Table 45 Global Autonomous Mobile Robot Market Outlook, By Discount Store
(2016-2026) (\$MN)

Note: The tables for the regions North America, Europe, Asia Pacific, South America,
and Middle East & Africa are represented in the same manner as above.

I would like to order

Product name: Autonomous Mobile Robot - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/AA0E71CA083EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AA0E71CA083EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970