

Security Robot - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Security Robot market is accounted for \$1.62 billion in 2017 and is expected to reach \$3.68 billion by 2026 growing at a CAGR of 9.5% during the forecast period. Some of the key factors such as increasing safety concerns, growing demand for robots in security and surveillance, increased application of unmanned system solutions in military forces are boosting the market growth. Moreover, growth in defense budgets of developed countries will provide ample opportunities for the market growth. However, stringent government environment in different regions rules is restraining the market growth.

Security robots are machines capable of enforcing security within complexes and compounds without the need for human supervision. It acquires and collects data via radars, infrared devices, and thermal sensors. The security aspects of autonomous robots are analyzed by modeling a robot as a set of sensors, effectors, optional communications resources, and processing elements whose behavior is tightly coupled to the sensed characteristics of its environment.

Based on the type, unmanned aerial vehicles segment accounted for considerable market share during the forecast period due to increased usage in reconnaissance & surveillance. UAVs are being used effectively by various countries around the globe as an effective measure against terrorist activities and to protect the borders. By Geography, Asia Pacific dominated the largest market share due to the growing investment of governments to tackle illegal immigration, terrorist attacks, infiltration, and criminal activities.

Some of the key players profiled in the Security Robot market include Northrop Grumman Corporation, BAE Systems PLC, Leonardo SPA, Knight Scope Inc., SMP Robotics, Cobham PLC, Qinetiq Group PLC, Recon Robotics Inc., Lockheed Martin Corporation, Thales SA, Elbit Systems Limited, Aerovironment Inc., SZ DJI Technology

Co. Ltd, Boston Dynamics Inc. and RoboTex Inc.

Components Covered:

Frames

Camera System

Propulsion System

Guidance, Navigation & Control System

Sensors

Controller Systems

Electrical and Mechanical

Power Systems

Services

Other Components

Types Covered:

Unmanned Ground Vehicles

Autonomous Underwater Vehicles

Unmanned Aerial Vehicles

Humanoids

Conventional Unmanned Ground Vehicles

Armed Unmanned Ground Vehicles

Remotely Operated Underwater Vehicles

Unmanned Underwater Vehicle (UUV)

Environments Covered:

Outdoor

Indoor

Types Covered:

Ground Robots

Aerial Robots

Other Types

Applications Covered:

Explosive Detection

Rescue Operations

Spying

Patrolling & Surveillance

Fire Fighting

Demining

Transportation

Other Applications

End Users Covered:

Residential

Defense and Military

Commercial

Aerospace

Entertainment & Leisure venues

Oil & Gas

Chemical & Mining

Manufacturing

Other End Users

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

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