

Security Robots Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global security robots market reached a value of US\$ 8.7 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 19.3 Billion by 2027, exhibiting at a CAGR of 14.1% during 2022-2027. Keeping in mind the uncertainties of COVID-19, 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.

Security robots are automated guards that rely on artificial intelligence (AI), streaming video, and other connected technologies to surveil and perform security tasks. They are equipped with high-definition (HD) cameras, electric motors, and modern high-capacity batteries. They assist in reporting, monitoring, investigating, detecting intruders, and patrolling surveillance areas. As they are reliable, incorruptible, and cost-efficient compared to security guards, security robots are extensively utilized in numerous establishments, such as malls, parking lots, and schools or campuses across the globe.

Security Robots Market Trends:

Due to the coronavirus disease (COVID-19) outbreak and inflating number of cases, there is a significant rise in the adoption of security robots around the world. This can also be attributed to lockdown restrictions imposed by governing agencies of numerous countries and the increasing adoption of social distancing to prevent the spread of the pandemic. Apart from this, there is a significant rise in the trend of indoor robots worldwide on account of their ability to deliver a range of safety and commercial benefits. Furthermore, leading market players are employing advanced technologies, such as neural networks, that help these robots in learning over time and improving their functionality. They are also incorporating automation capabilities that allow security

robots to be deployed on challenging terrains and environments for performing surveillance and other action-based on analytics. This is creating a favorable market outlook. Besides this, due to the growing terrorist activities, geopolitical instability, and territorial disputes, there is a considerable rise in security concerns across different countries. This, along with the extensive increase in commercial security expenditure budgets and continuous funding of research and development (R&D) activities, is anticipated to impel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global security robots market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on component, type, application and end user.

Breakup by Component:

- Propulsion System
- Frames and Sensors
- Camera Systems
- Guidance and Navigation Control System
- Power Systems
- Others

Breakup by Type:

- Unmanned Ground Vehicle
- Unmanned Aerial Vehicle
- Autonomous Underwater Vehicle

Breakup by Application:

- Spying
- Patrolling
- Explosive Detection
- Rescue Operations
- Others

Breakup by End User:

Defense and Military
Residential
Commercial

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AeroVironment Inc., BAE Systems plc, Boston Dynamics (Hyundai Motor Group), Cobham Limited (Meggitt PLC), Elbit Systems Ltd., Knightscope Inc., Kongsberg Gruppen, Leonardo S.p.A., Lockheed Martin Corporation, Northrop Grumman Corporation, QinetiQ, SMP Robotics Systems Corp., Thales Group and The Boeing Company. Key Questions Answered in This Report:
How has the global security robots market performed so far and how will it perform in

the coming years?

What has been the impact of COVID-19 on the global security robots market?

What are the key regional markets?

What is the breakup of the market based on the component?

What is the breakup of the market based on the type?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global security robots market and who are the key players?

What is the degree of competition in the industry?

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