

# **Security Robots Market Report by Component (Propulsion System, Frames and Sensors, Camera Systems, Guidance and Navigation Control System, Power Systems, and Others), Type (Unmanned Ground Vehicle, Unmanned Aerial Vehicle, Autonomous Underwater Vehicle), Application (Spying, Patrolling, Explosive Detection, Rescue Operations, and Others), End User (Defense and Military, Residential, Commercial), and Region 2024-2032**

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## **Abstracts**

The global security robots market size reached US\$ 11.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 29.9 Billion by 2032, exhibiting a growth rate (CAGR) of 11.3% during 2024-2032.

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 report, along with forecasts at the global, regional and country level from 2024-2032. 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

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

1. What was the size of the global security robots market in 2023?
2. What is the expected growth rate of the global security robots market during 2024-2032?
3. What has been the impact of COVID-19 on the global security robots market?
4. What are the key factors driving the global security robots market?
5. What is the breakup of the global security robots market based on the component?
6. What is the breakup of the global security robots market based on the type?
7. What is the breakup of the global security robots market based on application?
8. What is the breakup of the global security robots market based on the end user?
9. What are the key regions in the global security robots market?
10. Who are the key players/companies in the global security robots market?

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