

# **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**

<https://marketpublishers.com/r/S092831FAE99EN.html>

Date: September 2024

Pages: 141

Price: US\$ 3,509.00 (Single User License)

ID: S092831FAE99EN

## **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?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL SECURITY ROBOTS MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY COMPONENT**

- 6.1 Propulsion System
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Frames and Sensors
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Camera Systems

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Guidance and Navigation Control System
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Power Systems
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast
- 6.6 Others
  - 6.6.1 Market Trends
  - 6.6.2 Market Forecast

## **7 MARKET BREAKUP BY TYPE**

- 7.1 Unmanned Ground Vehicle
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Unmanned Aerial Vehicle
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Autonomous Underwater Vehicle
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY APPLICATION**

- 8.1 Spying
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Patrolling
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Explosive Detection
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Rescue Operations
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast
- 8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

## **9 MARKET BREAKUP BY END USER**

9.1 Defense and Military

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Residential

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 Commercial

9.3.1 Market Trends

9.3.2 Market Forecast

## **10 MARKET BREAKUP BY REGION**

10.1 North America

10.1.1 United States

10.1.1.1 Market Trends

10.1.1.2 Market Forecast

10.1.2 Canada

10.1.2.1 Market Trends

10.1.2.2 Market Forecast

10.2 Asia-Pacific

10.2.1 China

10.2.1.1 Market Trends

10.2.1.2 Market Forecast

10.2.2 Japan

10.2.2.1 Market Trends

10.2.2.2 Market Forecast

10.2.3 India

10.2.3.1 Market Trends

10.2.3.2 Market Forecast

10.2.4 South Korea

10.2.4.1 Market Trends

10.2.4.2 Market Forecast

10.2.5 Australia

10.2.5.1 Market Trends



- 10.2.5.2 Market Forecast
- 10.2.6 Indonesia
  - 10.2.6.1 Market Trends
  - 10.2.6.2 Market Forecast
- 10.2.7 Others
  - 10.2.7.1 Market Trends
  - 10.2.7.2 Market Forecast
- 10.3 Europe
  - 10.3.1 Germany
    - 10.3.1.1 Market Trends
    - 10.3.1.2 Market Forecast
  - 10.3.2 France
    - 10.3.2.1 Market Trends
    - 10.3.2.2 Market Forecast
  - 10.3.3 United Kingdom
    - 10.3.3.1 Market Trends
    - 10.3.3.2 Market Forecast
  - 10.3.4 Italy
    - 10.3.4.1 Market Trends
    - 10.3.4.2 Market Forecast
  - 10.3.5 Spain
    - 10.3.5.1 Market Trends
    - 10.3.5.2 Market Forecast
  - 10.3.6 Russia
    - 10.3.6.1 Market Trends
    - 10.3.6.2 Market Forecast
  - 10.3.7 Others
    - 10.3.7.1 Market Trends
    - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast

## 10.5 Middle East and Africa

### 10.5.1 Market Trends

### 10.5.2 Market Breakup by Country

### 10.5.3 Market Forecast

## **11 SWOT ANALYSIS**

### 11.1 Overview

### 11.2 Strengths

### 11.3 Weaknesses

### 11.4 Opportunities

### 11.5 Threats

## **12 VALUE CHAIN ANALYSIS**

## **13 PORTERS FIVE FORCES ANALYSIS**

### 13.1 Overview

### 13.2 Bargaining Power of Buyers

### 13.3 Bargaining Power of Suppliers

### 13.4 Degree of Competition

### 13.5 Threat of New Entrants

### 13.6 Threat of Substitutes

## **14 PRICE ANALYSIS**

## **15 COMPETITIVE LANDSCAPE**

### 15.1 Market Structure

### 15.2 Key Players

### 15.3 Profiles of Key Players

#### 15.3.1 AeroVironment Inc.

##### 15.3.1.1 Company Overview

##### 15.3.1.2 Product Portfolio

##### 15.3.1.3 Financials

##### 15.3.1.4 SWOT Analysis

#### 15.3.2 BAE Systems plc

##### 15.3.2.1 Company Overview

##### 15.3.2.2 Product Portfolio

- 15.3.2.3 Financials
- 15.3.2.4 SWOT Analysis
- 15.3.3 Boston Dynamics (Hyundai Motor Group)
  - 15.3.3.1 Company Overview
  - 15.3.3.2 Product Portfolio
- 15.3.4 Cobham Limited (Meggitt PLC)
  - 15.3.4.1 Company Overview
  - 15.3.4.2 Product Portfolio
  - 15.3.4.3 SWOT Analysis
- 15.3.5 Elbit Systems Ltd.
  - 15.3.5.1 Company Overview
  - 15.3.5.2 Product Portfolio
  - 15.3.5.3 Financials
- 15.3.6 Knightscope Inc.
  - 15.3.6.1 Company Overview
  - 15.3.6.2 Product Portfolio
- 15.3.7 Kongsberg Gruppen
  - 15.3.7.1 Company Overview
  - 15.3.7.2 Product Portfolio
  - 15.3.7.3 Financials
- 15.3.8 Leonardo S.p.A.
  - 15.3.8.1 Company Overview
  - 15.3.8.2 Product Portfolio
  - 15.3.8.3 Financials
  - 15.3.8.4 SWOT Analysis
- 15.3.9 Lockheed Martin Corporation
  - 15.3.9.1 Company Overview
  - 15.3.9.2 Product Portfolio
  - 15.3.9.3 Financials
  - 15.3.9.4 SWOT Analysis
- 15.3.10 Northrop Grumman Corporation
  - 15.3.10.1 Company Overview
  - 15.3.10.2 Product Portfolio
  - 15.3.10.3 Financials
  - 15.3.10.4 SWOT Analysis
- 15.3.11 QinetiQ
  - 15.3.11.1 Company Overview
  - 15.3.11.2 Product Portfolio
  - 15.3.11.3 Financials

### 15.3.12 SMP Robotics Systems Corp.

15.3.12.1 Company Overview

15.3.12.2 Product Portfolio

### 15.3.13 Thales Group

15.3.13.1 Company Overview

15.3.13.2 Product Portfolio

15.3.13.3 Financials

15.3.13.4 SWOT Analysis

### 15.3.14 The Boeing Company

15.3.14.1 Company Overview

15.3.14.2 Product Portfolio

15.3.14.3 Financials

15.3.14.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Security Robots Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Security Robots Market Forecast: Breakup by Component (in Million US\$), 2024-2032

Table 3: Global: Security Robots Market Forecast: Breakup by Type (in Million US\$), 2024-2032

Table 4: Global: Security Robots Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: Security Robots Market Forecast: Breakup by End User (in Million US\$), 2024-2032

Table 6: Global: Security Robots Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 7: Global: Security Robots Market: Competitive Structure

Table 8: Global: Security Robots Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Security Robots Market: Major Drivers and Challenges

Figure 2: Global: Security Robots Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Security Robots Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Security Robots Market: Breakup by Component (in %), 2023

Figure 5: Global: Security Robots Market: Breakup by Type (in %), 2023

Figure 6: Global: Security Robots Market: Breakup by Application (in %), 2023

Figure 7: Global: Security Robots Market: Breakup by End User (in %), 2023

Figure 8: Global: Security Robots Market: Breakup by Region (in %), 2023

Figure 9: Global: Security Robots (Propulsion System) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 10: Global: Security Robots (Propulsion System) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 11: Global: Security Robots (Frames and Sensors) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Security Robots (Frames and Sensors) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Security Robots (Camera Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Security Robots (Camera Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Security Robots (Guidance and Navigation Control System) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Security Robots (Guidance and Navigation Control System) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Security Robots (Power Systems) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Security Robots (Power Systems) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Security Robots (Other Components) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Security Robots (Other Components) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Security Robots (Unmanned Ground Vehicle) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Security Robots (Unmanned Ground Vehicle) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 23: Global: Security Robots (Unmanned Aerial Vehicle) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 24: Global: Security Robots (Unmanned Aerial Vehicle) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 25: Global: Security Robots (Autonomous Underwater Vehicle) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 26: Global: Security Robots (Autonomous Underwater Vehicle) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 27: Global: Security Robots (Spying) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Security Robots (Spying) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Security Robots (Patrolling) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Security Robots (Patrolling) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Security Robots (Explosive Detection) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Security Robots (Explosive Detection) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Global: Security Robots (Rescue Operations) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 34: Global: Security Robots (Rescue Operations) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Global: Security Robots (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Global: Security Robots (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: Global: Security Robots (Defense and Military) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: Global: Security Robots (Defense and Military) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Global: Security Robots (Residential) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Global: Security Robots (Residential) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Global: Security Robots (Commercial) Market: Sales Value (in Million US\$),

2018 & 2023

Figure 42: Global: Security Robots (Commercial) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: North America: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 44: North America: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 45: United States: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 46: United States: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 47: Canada: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 48: Canada: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 49: Asia-Pacific: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 50: Asia-Pacific: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 51: China: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 52: China: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 53: Japan: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 54: Japan: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 55: India: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 56: India: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 57: South Korea: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 58: South Korea: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 59: Australia: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 60: Australia: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 61: Indonesia: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 62: Indonesia: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 63: Others: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023



Figure 64: Others: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 65: Europe: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 66: Europe: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 67: Germany: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 68: Germany: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 69: France: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 70: France: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 71: United Kingdom: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 72: United Kingdom: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 73: Italy: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 74: Italy: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 75: Spain: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 76: Spain: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 77: Russia: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 78: Russia: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 79: Others: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 80: Others: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 81: Latin America: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 82: Latin America: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 83: Brazil: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 84: Brazil: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 85: Mexico: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 86: Mexico: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 87: Others: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 88: Others: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 89: Middle East and Africa: Security Robots Market: Sales Value (in Million US\$), 2018 & 2023

Figure 90: Middle East and Africa: Security Robots Market: Breakup by Country (in %), 2023

Figure 91: Middle East and Africa: Security Robots Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 92: Global: Security Robots Industry: SWOT Analysis

Figure 93: Global: Security Robots Industry: Value Chain Analysis

Figure 94: Global: Security Robots Industry: Porter's Five Forces Analysis

## I would like to order

Product name: 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

Product link: <https://marketpublishers.com/r/S092831FAE99EN.html>

Price: US\$ 3,509.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S092831FAE99EN.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