

# Indoor Robot Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Indoor Robot Trends and Forecast

The future of the global indoor robot market looks promising with opportunities in the commercial and residential markets. The global indoor robot market is expected to reach an estimated \$38.4 billion by 2030 with a CAGR of 18.2% from 2024 to 2030. The major drivers for this market are increasing use of automation techniques, widespread use of robots in a variety of industries, and increasing use of robots for domestic and security services.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Indoor Robot by Segment

The study includes a forecast for the global indoor robot by type, end use industry, end use industry, technology, and region

### Indoor Robot Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Medical Robots

Drones

Cleaning Robots

Entertainment Robots

Education Robots

Personal/Handicap Assistant Robots

Public Relation Robots

Security and Surveillance Robots

Indoor Robot Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Commercial

Residential

Indoor Robot Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Indoor Robot Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies indoor robot companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the indoor robot companies

profiled in this report include-

DENSO

Ecovacs Robotics

Intuitive Surgical

iRobot

Kawasaki Heavy Industries

Knightscope

Simbe Robotics

SoftBank Robotics

St Engineering Aethon

## Indoor Robot Market Insights

Lucintel forecast that cleaning is expected to witness highest growth over the forecast period due to increasing demand for robotic vacuum cleaners and floor scrubbers in both residential and commercial settings.

Residential is expected to witness higher growth over the forecast period due to considerable usage of indoor robots for various in-home tasks, including security, caring for the elderly, and cleaning.

North America is expected to witness highest growth over the forecast period due to existing major manufacturing hubs, significant use of robots in domestic and industrial activities, and presence of key players in the region.

## Features of the Global Indoor Robot Market

Market Size Estimates: Indoor robot market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Indoor robot market size by type, end use industry, and region in terms of value (\$B).

**Regional Analysis:** Indoor robot market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different types, end use industries, and regions for the indoor robot market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the indoor robot market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

**Q.1** What is the indoor robot market size?

**Answer:** The global indoor robot market is expected to reach an estimated \$38.4 billion by 2030.

**Q.2** What is the growth forecast for indoor robot market?

**Answer:** The global indoor robot market is expected to grow with a cagr of 18.2% from 2024 to 2030.

**Q.3** What are the major drivers influencing the growth of the indoor robot market?

**Answer:** The major drivers for this market are increasing use of automation techniques, widespread use of robots in a variety of industries, and increasing use of robots for domestic and security services.

**Q4.** What are the major segments for indoor robot market?

**Answer:** The future of the indoor robot market looks promising with opportunities in the commercial and residential markets.

Q5. Who are the key indoor robot market companies?

Answer: Some of the key indoor robot companies are as follows:

DENSO

Ecovacs Robotics

Intuitive Surgical

iRobot

Kawasaki Heavy Industries

Knightscope

Simbe Robotics

SoftBank Robotics

St Engineering Aethon

Q6. Which indoor robot market segment will be the largest in future?

Answer: Lucintel forecast that cleaning is expected to witness highest growth over the forecast period due to increasing demand for robotic vacuum cleaners and floor scrubbers in both residential and commercial settings.

Q7. In indoor robot market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to witness highest growth over the forecast period due to existing major manufacturing hubs, significant use of robots in domestic and industrial activities, and presence of key players in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the indoor robot market by type (medical robots, drones, cleaning robots, entertainment robots, education robots, personal/handicap assistant robots, public relation robots, and security and surveillance robots), end use industry (commercial and residential), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to indoor robot market or related to indoor robot companies, indoor robot market size, indoor robot market share, indoor robot market growth, indoor robot market research, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com) we will be glad to get back to you soon.

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