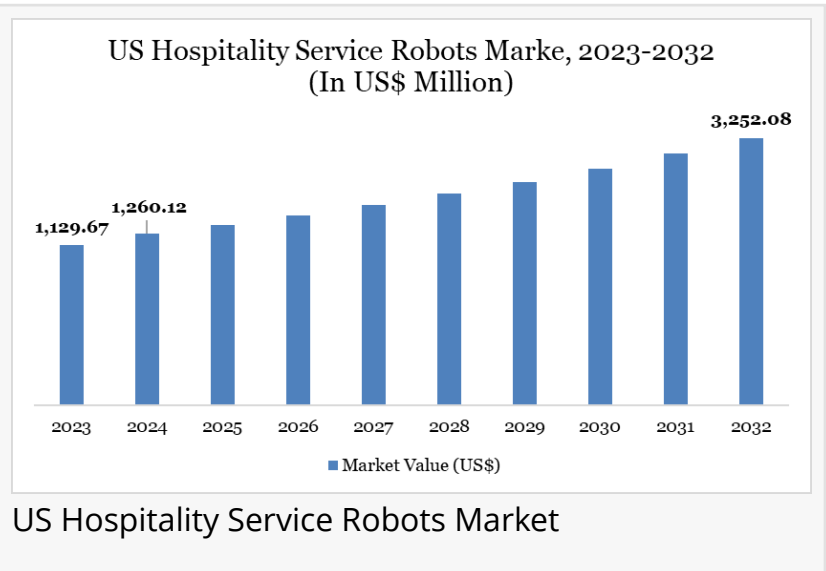


US Hospitality Service Robots Market to hit USD\$ 3,252.08 Million by 2032, (12.70% CAGR) | DataM Intelligence

US Hospitality Service Robots Market Size, Share & Forecast to 2032

AUSTIN, TX, UNITED STATES, November 28, 2025 /EINPresswire.com/ -- Market Size and Growth

According to DataM Intelligence, the [US hospitality service robots market](#) was valued at USD 1,260.12 million in 2024 and is projected to increase to USD 3,252.08 million by 2032, registering a CAGR of 12.70% between 2025 and 2032.



The rapid shift toward automation, labor shortage across hotels and restaurants, rising adoption of service robotics, and growing usage of AI-enabled autonomous robots for cleaning, food delivery, concierge assistance, and guest engagement are fueling market growth.



Future of US Hospitality
Service Robots Market by
2032 with 12.70% CAGR |
Revenue Outlook”

*DataM Intelligence 4Market
Research LLP*

The integration of AI, computer vision, autonomous navigation, and cloud robotics is transforming hospitality operations by enhancing service efficiency, reducing operating costs, and improving guest satisfaction. Hotels are increasingly deploying robots for room service, housekeeping, luggage assistance, and contactless check-in/out reshaping the hospitality experience.

Get a Sample PDF Of This Report (Get Higher Priority for Corporate Email ID):-

<https://www.datamintelligence.com/download-sample/us-hospitality-service-robots-market>

Growth Drivers

- Hospitality labor shortages exceeded 570,000 job vacancies in 2024, pushing hotel chains to increase robotic automation investments.
- Over 35,000 service robots deployed across US restaurants & hotels in 2024, projected to exceed 210,000 units by 2032.
- Hotel operational automation reduces labor costs by 22–35% annually, supporting robot adoption for repetitive tasks.
- Contactless guest services usage increased by 240% since 2020, boosting demand for concierge and room-service delivery robots.
- AI-enabled cleaning robots can lower housekeeping time per room by 38%, raising operational efficiency.

Market Segmentation Analysis

By Robot Type

Robot Type

Service & Delivery Robots

Share 2024: 46% — Value: USD 883M

Projection by 2032 : USD 7.2B

Cleaning & Sanitation Robots

Share 2024: 32% — Value: USD 614M

Projection by 2032: USD 4.8B

Reception & Concierge Robots

Share 2024: 18% — Value: USD 346M

Projection by 2032: USD 2.3B

Security & Surveillance Robots

Share 2024: 4% — Value: USD 77M

Projection by 2032: USD 570M

By Deployment Mode

On-Premises – 58% (USD 1.11B in 2024)

Dominant in hotel chains and airports for high-security internal automation.

Cloud-Based – 42% (USD 806M in 2024)

Projected fastest CAGR of 30.8% due to fleet management and remote AI upgrades.

By Application Value 2024 & 2032

Application

Hotels & Resorts

□ Value 2024 : USD 1.04B

□ Value 2032: USD 8.2B

Restaurants & Foodservice

□ Value 2024 : USD 575M

□ Value 2032: USD 4.1B

Casinos, Cruise Lines & Entertainment Venues

□ Value 2024 : USD 211M

□ Value 2032: USD 1.9B

Airports & Travel Hubs

□ Value 2024 : USD 94M

□ Value 2032: USD 650M

Request for Customized Sample Report as per Your Business Requirement:

<https://www.datamintelligence.com/customize/us-hospitality-service-robots-market>

Regional Insights (United States)

West Coast

2024 market: USD 720M □ 2032 projection: USD 5.4B

High adoption across luxury hotels and resort chains in California & Nevada (Las Vegas casino resorts deploying robot bartenders and cocktail servers).

South

2024 market: USD 505M □ 2032 projection: USD 3.8B

Major deployments across restaurants and airport hospitality in Texas & Florida.

East Coast

2024 market: USD 455M □ 2032 projection: USD 3.1B

Widespread adoption in luxury hotels in New York & Washington DC, particularly concierge and luggage-handling robots.

Midwest

2024 market: USD 240M □ 2032 projection: USD 1.67B

Growth powered by budget hotels and food service chains adopting delivery robots.

Competitive Landscape

The US Hospitality Service Robots market is moderately consolidated, with robotics manufacturers, AI providers, and automation startups competing on safety, navigation accuracy, battery life, and cost.

Key Players

1. SoftBank Robotics
2. Bear Robotics
3. LG Electronics
4. Relay Robotics
5. Knightscope
6. Richtech Robotics
7. Pudu Robotics
8. Servi
9. Segway Robotics
10. Miso Robotics
11. ABB Robotics
12. Keenon Robotics

Key Highlights

- SoftBank Robotics deployed >16,000 “Pepper” concierge robots globally, with 30% in the US hospitality sector.
- Bear Robotics surpassed 8,500 service robot installations across US restaurants & hotels.
- LG CLOi cleaning robots reported 170% YoY deployment growth among airports and luxury hotels.

Recent Developments

- Relay Robotics launched delivery robots customized for Marriott & Hilton hotel chains (June 2025).
- Pudu Robotics partnered with Denny’s to deploy food-service robots across 300 restaurants (March 2025).

- LG Electronics introduced CLOi multi-floor robots with 3D LiDAR navigation for large hotel facilities (January 2025).
- Knightscope deployed AI security robots in MGM and Caesars properties for 24/7 surveillance (Dec 2024).
- Miso Robotics introduced robotic bartending system for casino resorts (Feb 2025).

Market Outlook & Opportunities

1. Robot delivery systems in restaurants & hotels to be valued at USD 7.2B by 2032.
2. AI-based concierge robots to become standard in 5-star hotels by 2030.
3. US demand for autonomous airport hospitality robots forecast to rise 6× by 2032.
4. Robot-as-a-Service (RaaS) pricing models enabling adoption by mid-tier hotels and restaurants.
5. Integration of robots with IoT hotel ecosystems to unlock USD 2.1B additional value by 2032.

Buy This Report with Year-End Offer (Buy 1 report: Get 30% OFF | Buy 2 reports: Get 50% OFF each! Limited time offer): <https://www.datamintelligence.com/buy-now-page?report=us-hospitality-service-robots-market>

Conclusion

The US Hospitality Services Robots Market is transforming the future of hotel and restaurant operations, hospitality automation is moving from novelty to necessity.

Supported by AI, autonomous navigation, and labor cost optimization, service robots are enhancing guest experiences and reshaping the economics of hospitality. As cloud robotics, 5G connectivity, and multi-floor navigation mature, robot workforce deployments are set to become mainstream across the US hospitality ecosystem by 2032.

Related Reports:

[Global Robot as a Service \(RaaS\) Market](#)

[Service Robotics Market](#)

Sai Kiran

DataM Intelligence 4market Research LLP

+1 877-441-4866

sai.k@datamintelligence.com

Visit us on social media:

[LinkedIn](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/870913639>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.