

Airport Cabin Baggage Scanner Market, Opportunity, Growth Drivers, Industry Trend Analysis and Forecast, 2024-2032

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Report description:

Airport Cabin Baggage Scanner Market size will witness over 9.5% CAGR between 2024 and 2032, due to the surging focus on enhancing passenger experience. The strong emphasis on reducing wait times and creating a seamless screening process has led to the development of more user-friendly interfaces and faster processing times. New scanner technologies are also developed to detect a wider range of threats, including explosives, weapons, and other prohibited items. For example, in September 2023, Smiths Detection launched HI-SCAN 6040 CTiX, its new advanced cabin baggage screening system deployed with computed tomography (CT) technology for the Indian market. The increasing efforts on developing energy-efficient scanners and implementing sustainable practices in airport operations to reduce environmental impacts will favor market growth.

The airport cabin baggage scanner industry is segmented into component, scanner type, airport type, and region.

In terms of component, the industry size from the services segment will witness robust growth by 2032, on account of the growing emphasis on enhancing airport security globally, driven by the robust need to prevent threats, such as terrorism and smuggling. Advances in scanner technology services, including improved imaging capabilities and AI-based threat detection algorithms to make scanners more effective at identifying prohibited items will also drive the segment expansion.

Based on application, the airport cabin baggage scanner market share from the general aviation segment will expand from 2024 to 2032, led by the growing need for enhanced screening. Advanced baggage scanners are widely favored for general aviation as they assist in detecting prohibited items to ensure the safety of passengers and crew. The strong need for smaller and more portable scanning solutions to handle lower passenger volumes in general aviation airports across various settings will propel the segment growth.

Asia Pacific airport cabin baggage scanner industry size will record notable CAGR through 2032, impelled by the continuous growth in passenger traffic along with the rising necessity for more efficient and faster screening processes. Surging emphasis on meeting the international security standards and regulations in APAC is driving airports to upgrade their scanning equipment. The hefty government investments in more sophisticated security solutions to ensure passenger safety will bolster the regional product demand.

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Table of Contents:

Report Content

Chapter 1 Scope and Methodology

- 1.1 Market scope and definition
- 1.2 Base estimates and calculations
- 1.3 Forecast parameters
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

Chapter 2 Executive Summary

- 2.1 Industry 360 synopsis, 2021 - 2032

Chapter 3 Industry Insights

- 3.1 Industry ecosystem analysis
- 3.2 Vendor matrix
- 3.3 Technology and innovation landscape
- 3.4 Patent analysis
- 3.5 Key news and initiatives
- 3.6 Regulatory landscape
- 3.7 Impact forces
 - 3.7.1 Growth drivers
 - 3.7.1.1 Rising air passenger traffic
 - 3.7.1.2 Stringent security regulations
 - 3.7.1.3 Technological advancements
 - 3.7.1.4 Increasing terrorist threats
 - 3.7.1.5 Government funding and support
 - 3.7.2 Industry pitfalls and challenges
 - 3.7.2.1 High initial investment costs
 - 3.7.2.2 Operational and maintenance challenges
- 3.8 Growth potential analysis
- 3.9 Porter's analysis
 - 3.9.1 Supplier power
 - 3.9.2 Buyer power
 - 3.9.3 Threat of new entrants
 - 3.9.4 Threat of substitutes
 - 3.9.5 Industry rivalry
- 3.10 PESTEL analysis

Chapter 4 Competitive Landscape, 2023

- 4.1 Company market share analysis
- 4.2 Competitive positioning matrix
- 4.3 Strategic outlook matrix

Chapter 5 Market Estimates and Forecast, By Component, 2021 - 2032 (USD Million and Units)

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- 5.1 Key trends
- 5.2 Hardware
- 5.3 Software
- 5.4 Services
 - 5.4.1 Consulting
 - 5.4.2 Installation and maintenance

Chapter 6 Market Estimates and Forecast, By Scanner Type, 2021-2032 (USD Million and Units)

- 6.1 Key trends
- 6.2 2D (X-ray)
- 6.3 3D (Computed Tomography)

Chapter 7 Market Estimates and Forecast, By Airport Type, 2021-2032 (USD Million and Units)

- 7.1 Key trends
- 7.2 Commercial service
- 7.3 Cargo service
- 7.4 General aviation

Chapter 8 Market Estimates and Forecast, By Region, 2021-2032 (USD Million and Units)

- 8.1 Key trends
- 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
- 8.3 Europe
 - 8.3.1 UK
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 Italy
 - 8.3.5 Spain
 - 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 China
 - 8.4.2 India
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 ANZ
 - 8.4.6 Rest of Asia Pacific
- 8.5 Latin America
 - 8.5.1 Brazil
 - 8.5.2 Mexico
 - 8.5.3 Rest of Latin America
- 8.6 MEA
 - 8.6.1 UAE
 - 8.6.2 Saudi Arabia
 - 8.6.3 South Africa
 - 8.6.4 Rest of MEA

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Chapter 9 Company Profiles

- 9.1 Analogic Corporation
- 9.2 Astrophysics Inc.
- 9.3 Autoclear
- 9.4 Bruker Corporation
- 9.5 Cognex Corporation
- 9.6 EAST (Electronic Automation Systems Technology)
- 9.7 Gilardoni Spa
- 9.8 Hikvision Digital Technology Co., Ltd.
- 9.9 Honeywell International Inc.
- 9.10 Integrated Defense and Security Solutions (IDSS)
- 9.11 Kidde-Fenwal, Inc.
- 9.12 Leidos
- 9.13 Nuctech Company Limited
- 9.14 OSIssoft, LLC
- 9.15 Rapiscan Systems
- 9.16 Safeway Inspection System Limited
- 9.17 Smiths Group Plc
- 9.18 Sodexo
- 9.19 Toshiba Corporation
- 9.20 Totalpost Mailing Ltd
- 9.21 Vanderlande Industries B.V.
- 9.22 Vehant Technologies
- 9.23 Westminster Group PLC
- 9.24 Zebra Medical Vision

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