

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

Market Report | 2024-07-31 | 280 pages | Global Market Insights

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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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