+357 96 030922
info@marketpublishers.com

Asia Pacific Airport Full Body Scanner Market By Technology (Backscatter X-Ray Scanner, Millimeter Wave Scanner), By Airport (Cargo Service Airport, General Aviation Airport, Commercial Airport, Reliever Airport), By Country, Competition, Forecast & Opportunities, 2020-2030F

https://marketpublishers.com/r/AD9BAF500A36EN.html
Date: September 2025
Pages: 135
Price: US$ 4,000.00 (Single User License)
ID: AD9BAF500A36EN

Abstracts

Asia Pacific Airport Full Body Scanner Market was valued at USD 84.51 Million in 2024 and is expected to reach USD 136.74 Million by 2030 with a CAGR of 8.35% during the forecast period. The Asia Pacific Airport Full Body Scanner market is witnessing significant growth fueled by increasing demand for enhanced passenger security and streamlined screening processes. Rising investments in advanced imaging technologies are enabling airports to deploy faster, more accurate scanners capable of detecting a wider range of threats. Growing adoption of automated and AI-driven systems is improving operational efficiency and reducing human error during passenger screening. Market trends indicate a shift toward millimeter-wave and backscatter technologies that offer non-invasive, high-resolution imaging while maintaining passenger privacy.

Market Drivers

Increasing Air Travel

Rising passenger traffic is exerting significant pressure on airport security systems, necessitating faster and more efficient screening solutions. Full body scanners are becoming essential as airports handle increasing volumes of travelers while maintaining high safety standards. Growth in air travel is driving airports to adopt technologies that reduce wait times and improve throughput without compromising security. Modern

+357 96 030922
info@marketpublishers.com

scanners equipped with AI-based threat detection can analyze passengers quickly, flagging potential risks while allowing smooth passenger flow. Increasing airline connectivity and new flight routes are directly contributing to higher airport footfall, making robust screening solutions a priority. Airports are under pressure to manage security lines efficiently, and full body scanners enable simultaneous detection of prohibited items, metallic and non-metallic threats, and concealed objects. For instance, Indian airlines experienced a 12% year-on-year growth in domestic passenger traffic in November, with approximately 12.8 million passengers flying compared to 11.4 million in the same period last year, according to the Directorate General of Civil Aviation (DGCA).

Key Market Challenges

High Installation and Maintenance Costs

Full body scanners involve significant upfront costs for procurement, installation, and calibration. Beyond initial investment, ongoing maintenance, software updates, and periodic recalibration add to operational expenses, making them a costly security solution. Advanced imaging technologies and AI integration require specialized components that are expensive to maintain and repair. Airports with budget constraints may struggle to deploy scanners across all checkpoints, leading to partial coverage and potential security gaps. Cost factors also affect the scalability of deployment, especially in facilities with multiple terminals or high passenger volumes. Training security personnel to operate, monitor, and troubleshoot these systems introduces additional expense.

Key Market Trends

Integration with Centralized Security Systems

Full body scanners are increasingly being integrated into centralized airport security management platforms, enabling real-time monitoring and data analysis across multiple checkpoints. This integration allows for automatic alerts, threat analytics, and faster response times, improving the efficiency and reliability of airport security operations. Centralized systems facilitate data sharing between terminals, airlines, and security personnel, allowing for a coordinated approach to threat detection. Integration with baggage scanners, biometric identification systems, and AI-driven analytics enhances the overall security infrastructure. Airports benefit from predictive maintenance alerts, operational dashboards, and remote monitoring capabilities, reducing downtime and

+357 96 030922
info@marketpublishers.com

improving operational efficiency.

Key Market Players

L3Harris Technologies, Inc

Rapiscan Systems, Inc.

Tek84 Inc.

Westminster Group Plc

Smiths Detection Group Limited

Mistral Solutions Pvt. Ltd.

LINEV Group

Brijot Imaging Systems

Nuctech Technology Co., Ltd.

Braun and Company Limited

Report Scope:

In this report, Asia Pacific Airport Full Body Scanner Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Asia Pacific Airport Full Body Scanner Market, By Technology:

Backscatter X-Ray Scanner

Millimeter Wave Scanner

Asia Pacific Airport Full Body Scanner Market, By Airport:

+357 96 030922
info@marketpublishers.com

Cargo Service Airport

General Aviation Airport

Commercial Airport

Reliever Airport

Asia Pacific Airport Full Body Scanner Market, By Country:

China

India

Japan

Indonesia

Thailand

South Korea

Australia

Rest of APAC

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in Asia Pacific Airport Full Body Scanner Market.

Available Customizations:

Asia Pacific Airport Full Body Scanner Market report with the given market data, TechSci Research offers customizations according to the company's specific needs. The following customization options are available for the report:

Company Information

+357 96 030922
info@marketpublishers.com

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Asia Pacific Airport Full Body Scanner Market By Technology (Backscatter X-Ray Scanner, Millimeter Wave Scanner), By Airport (Cargo Service Airport, General Aviation Airport, Commercial Airport, Reliever Airport), By Country, Competition, Forecast & Opportunities, 2020-2030F

Product link: https://marketpublishers.com/r/AD9BAF500A36EN.html

Price: US$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/AD9BAF500A36EN.html