

# Automated Passenger Counting and Information System Market Size to Surpass USD 8.02 Billion by 2032 | by SNS Insider

*The Automated Passenger Counting and Information System Market is poised for significant growth*

AUSTIN, TX, UNITED STATES, January 27, 2025 /EINPresswire.com/ -- [Automated Passenger Counting and Information System Market Size & Industry Insights](#)

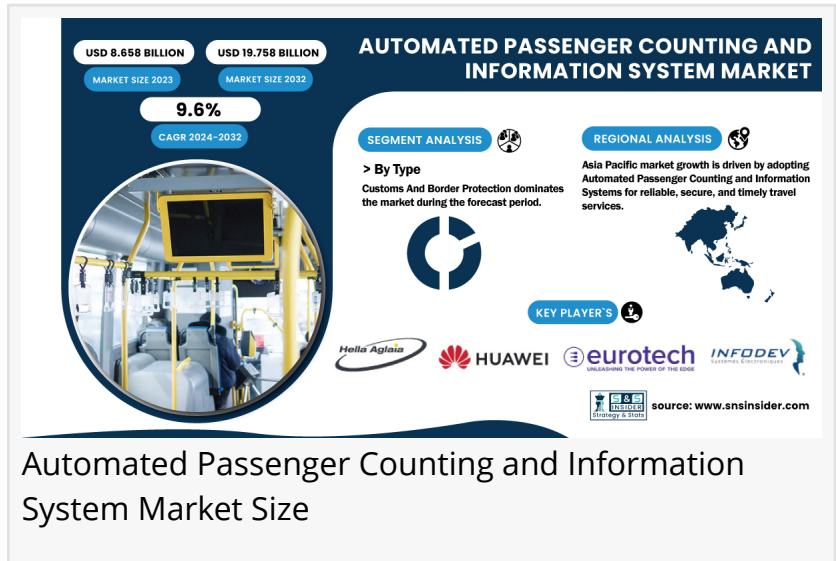
According to the SNS Insider Report, "The Automated Passenger Counting and Information System Market size was USD 8.658 billion in 2023 and is expected to reach USD 19.758 billion by 2032 and grow at a CAGR of 9.6% over the forecast period of 2024-2032."

## Key Drivers Fueling the Growth of Automated Passenger Counting Systems Market

The Automated Passenger Counting Systems market is experiencing robust growth driven by several key factors. The increasing urbanization and congestion in cities necessitate efficient public transport management. Automated systems provide real-time passenger data, enabling operators to optimize schedules, allocate resources, and enhance service efficiency, ultimately improving the passenger experience and reducing operational costs.

Furthermore, the growing emphasis on data-driven decision-making in the transportation sector is a major driver. Accurate and reliable data generated by these systems allows for better route planning, peak travel time identification, and analysis of passenger behavior, leading to improved service delivery and enhanced operational performance.

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Automated Passenger Counting and Information System Market Size

SWOT Analysis of Key Players as follows:

Eurotech

Infodev EDI

HELLA Aglaia Mobile Vision

Clever Devices Ltd.

Huawei Technology Co. Ltd

Trapeze Group

DILAX Intelcom

Iris-GmbH

Cisco SystemsInc.

Hitachi Ltd.

Siemens AG

Segment Analysis

By Technology

Stereoscopic vision technology is poised to contribute to the automated passenger counting system market share substantially. This technology, leveraging depth perception from multiple cameras, enhances accuracy in identifying and tracking passengers, particularly in crowded or dynamic environments such as public transit. By capturing 3D images and analyzing spatial data, stereoscopic vision systems offer improved reliability in passenger counting compared to traditional 2D methods. This heightened accuracy translates into more precise ridership data, enabling transit authorities to optimize resource allocation, enhance service planning, and improve overall operational efficiency. As the demand for reliable and efficient passenger counting solutions grows, stereoscopic vision technology is expected to drive market size expansion and innovation.

By Application

In 2023, Buses are anticipated to contribute significantly to the market share of the automated passenger counting system market for several reasons. Buses are one of the most widely used modes of public transportation in urban and suburban areas. As a result, there is a substantial demand for accurate and efficient passenger counting solutions to optimize bus operations, improve service quality, and enhance passenger satisfaction. Additionally, the relatively controlled environment within buses compared to other modes of transportation, such as trains or trams, simplifies data collection and analysis, leading to more accurate and reliable passenger counts.

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KEY MARKET SEGMENTS:

BY TYPE:

Automated Passenger Counting Systems

Passenger Information Systems  
Display Systems  
Announcement and Emergency Communication Systems  
Infotainment Systems  
Mobile Applications

BY TECHNOLOGY:

Infrared  
Stereoscopic vision  
Time of Flight  
Others

BY APPLICATION:

Buses  
Trains and Trams  
Ferries  
Railways  
Roadways  
Airways

Regional Analysis

The automated passenger counting and information system market in Asia Pacific includes China, Japan, South Korea, and the rest of Asia Pacific. Projected to exhibit the highest CAGR between 2024 and 2032, the Asia Pacific region's automated passenger counting and information system market is poised for significant expansion. This growth is fueled by the escalating adoption of passenger counting and information systems within transit vehicles to deliver dependable, secure, and punctual transportation services. Countries like China and India, boasting vast population bases, alongside the ongoing population growth in nations like Australia, drive the demand for intelligent transportation networks, ensuring passengers a reliable and secure travel experience.

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Recent Development

- In November 2023, At the APTA EXPO, iris-GMBH introduced the IRMA 6 R2 sensor generation and the HYDRA IP video surveillance system. The IRMA sensors use cutting-edge image processing and AI algorithms to count passengers and objects in real time, a technology already implemented by over 150 transit agencies across North America.
- In June 2023, Siemens launched the X-Wagen metro on the Viennese metro lines. This new rolling stock features an advanced digital passenger information and guidance system, which

provides real-time updates above each door.

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