ANPR System Market to Surpass USD 7.0 Billion by 2032 Owing to Escalating Demand for Enhanced Security and Surveillance

The ANPR System Market is poised for strong growth, fueled by a surge in demand for advanced security & surveillance solutions across diverse sectors.

AUSTIN, TX, UNITED STATES, January 27, 2025 /EINPresswire.com/ -- ANPR System Market Size & Industry Insights

ANPR SYSTEM MARKET

MARKET STASTICS

MARKET SIZE 2023	CAGR 2024-2032	MARKET SIZE 2032
$ 3.20 BN	9.10%	$ 7.00 BN

SEGMENT ANALYSIS
> By Type
The **fixed** segment dominated the market in 2023 with a 55% market share.

REGIONAL ANALYSIS
North America dominated the market with a 35% market share in 2023

KEY PLAYERS
kapsch >>>   Genetec   neology

source: www.snsinsider.com

ANPR System Market Size & Industry Insights

According to the SNS Insider Report,"The ANPR System Market size was USD 3.20 Billion in 2023 and is expected to reach USD 7.0 Billion by 2032 and grow at a CAGR of 9.10% over the forecast period of 2024-2032."
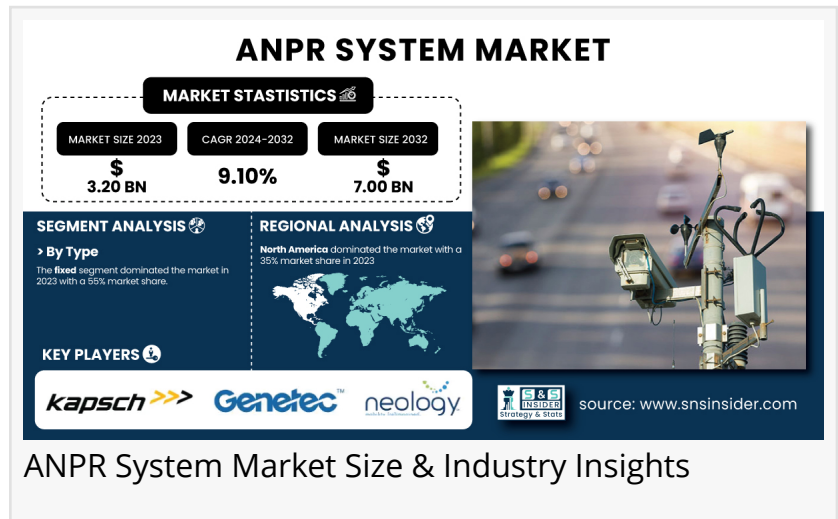
ANPR Systems Drive Smart Cities and Enhanced Security

Automatic Number Plate Recognition (ANPR) systems are gaining traction globally, driven by the need for enhanced security and efficient urban management. These systems capture and process vehicle license plate information for various applications, including law enforcement, traffic monitoring, and toll collection. In fact, with 80% of police departments worldwide using ANPR, it plays a crucial role in preventing crime. ANPR systems are also important to smart cities because they provide real-time traffic data for better management and contribute to sustainable urban development.

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SWOT Analysis of Key Players as follows:
- Vigie 360
- Kapsch TrafficCom
- Genetec

- Neology
- Bosch Security Systems
- ARH Inc.
- Zebra Medical Vision
- LILIN
- Siemens Mobility
- Tattile
- SAMSUNG Techwin
- Flir Systems
- Fujitsu
- Vivotek
- Q-Free
- 3M
- Vaysham
- Camera Matics
- PlateSmart
- Ubiq Mobile

Segment Analysis

By type

The Fixed segment dominated the market in 2023 with a 55% market share. Their stability and higher accuracy for reading number plates in controlled environments make them preferable for applications like surveillance, law enforcement, and traffic management. They can capture plates over long distances with enhanced optical resolution and often integrate into existing infrastructure. Companies such as Vigilant Solutions a part of Neology offer fixed ANPR solutions used by law enforcement for tracking vehicles in real-time.

The Portable segment is expected to have the fastest CAGR during 2024-2032. They are mostly installed in police patrol cars or used occasionally for surveillance at rallies or traffic checks. Because of their portability, the systems are relatively flexible to scan license plates in different environments. The trend for portable ANPR systems is sweeping because there is a need for surveillance which can be versatile in all areas.

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By Component

The Hardware segment dominated in 2023 with a 50% market share. High-resolution sensor cameras are needed for clear shots of vehicle plates. Processors would handle image processing and recognition jobs. Such needs for effective hardware with good quality are triggered by the demands placed on efficient and accurate fastness in license plate recognition for applications in monitoring, security, or toll collection among others.

The Software segment in the ANPR system market is projected to be the fastest-growing from 2024 to 2032. Software solutions are crucial for image processing, license plate recognition, and database integration. Advanced algorithms and machine learning techniques improve accuracy, speed, and adaptability in various environments under changing lighting conditions. Manufacturers such as Genetec, known for their security and surveillance solutions, count on sophisticated software to optimize the functionality of ANPR systems in urban security applications in access control to restricted areas and parking enforcement.

Regional Analysis

North America dominated the market with a 35% market share in 2023. The region holds a high and strong presence of advanced technological infrastructure. There is great demand for applications in traffic management, law enforcement, and security, which the market is dominated by the United States. The main reason for its dominance is its widespread use in smart city initiatives, toll collection systems, and high-security area surveillance.

APAC is projected to be the fastest-growing region in the ANPR market during the forecast period 2024-2032, the region witnessed rapid urbanization, increasing the adoption of smart city technologies along with growing demands for enhanced security solutions in places like China, India, and Japan. Rapid growth in installing ANPR-based systems for monitoring traffic, intelligent tolling systems, and controlled vehicle access has characterized the region's recent past.

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Recent Development

April 2023: Kapsch TrafficCom launched a significant update for its Automatic Number Plate Recognition (ANPR) software. The update enables optimal performance in automatically identifying number plates, based on the specific usage.
March 2023: AutoVuTM SharpOS 14.1.0 launched by Genetec, provides operators with additional vehicle data from their ALPR systems, helping them enhance efficiency in their daily duties.

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