

Turkey Computer Vision Market Size, Share, Trends and Forecast by Component, Product Type, Application, Vertical, and Region, 2026-2034

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Abstracts

The Turkey computer vision market size reached USD 286.7 Million in 2025. The market is projected to reach USD 564.0 Million by 2034, exhibiting a growth rate (CAGR) of 7.42% during 2026-2034. As competition is intensifying in the e-commerce sector, businesses in Turkey are investing in computer vision to stay efficient, competitive, and customer-focused. Besides this, government initiatives supporting digital transformation and smart city projects are catalyzing the demand for artificial intelligence (AI)-focused surveillance and monitoring solutions, thus fueling the Turkey computer vision market share.

TURKEY COMPUTER VISION MARKET TRENDS:

Increasing adoption of AI

Rising adoption of AI is significantly fueling the growth of the market, as industries across the country are leveraging AI-based vision technologies to enhance efficiency, accuracy, and automation in critical processes. In healthcare, AI-oriented imaging tools support faster diagnosis and improved treatment planning, while in manufacturing, computer vision systems powered by AI enable predictive maintenance, defect detection, and optimized production lines, reducing costs and improving output quality. Government initiatives supporting digital transformation and smart city projects are also catalyzing the demand for AI-focused surveillance and monitoring solutions, ensuring public safety and better infrastructure management. The transportation sector benefits from AI-based vision technologies through traffic management systems, driver assistance solutions, and research in autonomous vehicle development. Moreover, agricultural applications, such as automated crop monitoring and yield prediction, are

gaining momentum through AI-oriented vision tools. With increasing investments in startups and AI-based research and development (R&D) activities, Turkey is witnessing rapid integration of advanced computer vision solutions across industries, making AI adoption a key growth engine. As a result, rising AI usage continues to reshape the market by creating scalable and innovative applications. As per industry reports, the AI market in Turkey is expected to hit USD 7.37 Billion by 2030, fueled by an anticipated annual growth rate of 28.72% starting from 2024.

Broadening of e-commerce portals

The expansion of e-commerce portals is impelling the Turkey computer vision market growth. According to the IMARC Group, the Turkey e-commerce market size reached USD 235.1 Billion in 2024. Computer vision enables automated product recognition, quality checks, and inventory management, reducing manual errors and ensuring faster processing in warehouses and fulfillment centers. With the surge in online shopping, retailers are adopting advanced vision tools to improve product search, enabling customers to find items using image-based queries, which strengthens convenience and engagement. Additionally, computer vision enhances fraud detection and security in online transactions by supporting facial recognition and identity verification systems. Logistics and last-mile delivery operations also benefit from vision-driven automation, including package tracking and route optimization, ensuring timely deliveries. Furthermore, the rise of personalized shopping experiences, such as virtual try-ons, is catalyzing the demand for vision-based solutions. As competition is intensifying in the e-commerce sector, businesses in Turkey are investing in computer vision to stay efficient, competitive, and customer-focused.

TURKEY COMPUTER VISION MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on component, product type, application, and vertical.

Component Insights:

Hardware

Software

The report has provided a detailed breakup and analysis of the market based on the component. This includes hardware and software.

Product Type Insights:

Smart Camera-Based

PC-Based

A detailed breakup and analysis of the market based on the product type have also been provided in the report. This includes smart camera-based and PC-based.

Application Insights:

Quality Assurance and Inspection

Positioning and Guidance

Measurement

Identification

Predictive Maintenance

3D Visualization and Interactive 3D Modelling

The report has provided a detailed breakup and analysis of the market based on the application. This includes quality assurance and inspection, positioning and guidance, measurement, identification, predictive maintenance, and 3D visualization and interactive 3D modelling.

Vertical Insights:

Industrial

Non-Industrial

A detailed breakup and analysis of the market based on the vertical have also been provided in the report. This includes industrial and non-industrial.

Regional Insights:

Marmara

Central Anatolia

Mediterranean

Aegean

Southeastern Anatolia

Black Sea

Eastern Anatolia

The report has also provided a comprehensive analysis of all the major regional markets, which include Marmara, Central Anatolia, Mediterranean, Aegean, Southeastern Anatolia, Black Sea, and Eastern Anatolia.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Turkey computer vision market performed so far and how will it perform in the coming years?

What is the breakup of the Turkey computer vision market on the basis of component?

What is the breakup of the Turkey computer vision market on the basis of product type?

What is the breakup of the Turkey computer vision market on the basis of application?

What is the breakup of the Turkey computer vision market on the basis of vertical?

What is the breakup of the Turkey computer vision market on the basis of region?

What are the various stages in the value chain of the Turkey computer vision market?

What are the key driving factors and challenges in the Turkey computer vision market?

What is the structure of the Turkey computer vision market and who are the key players?

What is the degree of competition in the Turkey computer vision market?

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