

Asia Pacific Computer Vision in Healthcare Market Size study, By Type (Software, Hardware, Networks), By Application (Medical Imaging & Diagnostics, Surgeries, Detection, Others), By End Users (Healthcare providers, Diagnostic centres, Academic research institutes, Others) and Country Forecasts 2022-2032

<https://marketpublishers.com/r/A7C2EBEA15BDEN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: A7C2EBEA15BDEN

Abstracts

Asia Pacific Computer Vision in Healthcare Market is valued approximately USD 590 million in 2023 and is anticipated to grow with a healthy growth rate of more than 26.86 % over the forecast period 2024-2032. Computer vision in healthcare serves as a dependable aid for doctors to inspect and interpret visual data from the real world, particularly medical photos and videos. Using modern algorithms and systems, computers can extract significant insights from a variety of medical images, including X-rays, MRIs, CT scans, ultrasound images, and pathology slides. This transforms medical diagnosis and treatment planning, increasing accuracy and efficiency in healthcare delivery. Furthermore, rising focus on emerging medical imaging techniques are gaining attention towards Asia Pacific Computer Vision in Healthcare Market. Emerging medical imaging techniques, such as multispectral imaging, hyperspectral imaging, and photoacoustic imaging, offer novel ways to capture and analyze biological tissues and structures. These techniques provide rich data beyond what traditional imaging methods offer, creating opportunities for computer vision algorithms to extract valuable insights and improve diagnostic accuracy.

The Asia Pacific Computer Vision in Healthcare Market is driven by growing investments in upgradation of healthcare infrastructure and increasing prevalence of

chronic diseases across the region. Upgraded healthcare infrastructure facilitates the implementation of telemedicine and remote healthcare solutions, which have become increasingly important, especially in remote and underserved areas of the Asia Pacific region. Computer vision technology supports telemedicine by enabling remote analysis of medical images, facilitating virtual consultations, and remote monitoring of patients' health conditions. In addition, computer vision technology plays a crucial role in population health management by analyzing large-scale medical imaging data to identify trends, patterns, and risk factors associated with chronic diseases. This information informs public health strategies, preventive interventions, and resource allocation decisions, facilitating more effective disease prevention and management efforts at the population level. However, high expense related to computer vision in healthcare and risk associated with unauthorized access is going to impede the overall demand for the market during the forecast period 2024-2032.

The key Countries considered for the Asia Pacific Computer Vision in Healthcare market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market in terms of revenue owing to factors such as government initiatives towards adoption of digital health technologies across the region. Healthy China 2030 plan and the National Health Information Strategy prioritize the development and implementation of digital health solutions, including computer vision technology, to address healthcare challenges and enhance healthcare accessibility and quality. Furthermore, the market in India, on the other hand, is expected to develop at the fastest rate over the forecast period 2024-2032.

Major market player included in this report are:

SenseTime Group Ltd

Shanghai Yitu Technology Co. Ltd

Hanwha Vision Co., Ltd

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Type

Software
Hardware
Networks

By Application
Medical Imaging & Diagnostics
Surgeries
Detection
Others

By End Users
Healthcare providers
Diagnostic centres
Academic research institutes
Others

By Region:
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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