

Asia Pacific Collision Avoidance and Object Detection Maritime Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Technology (LiDAR, Computer Vision, Radar, and Others), Application (Blind Spot Detection, Night Vision, and Others), and End User [(Unmanned Surface Vehicle, Ships, and Autonomous Underwater Vehicle (AUV))]

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- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The collision avoidance and object detection maritime market in Asia Pacific is expected to grow from US\$ 159.41 million in 2022 to US\$ 269.10 million by 2028. It is estimated to grow at a CAGR of 9.1% from 2022 to 2028.

Increasing Research on Autonomous Navigation Systems

The demand for collision avoidance systems is increasing with the rising number of leisure boats and water sport events. Elevating disposable incomes, and the indulgence of masses in sports, fishing, and other recreational water activities are a few of the factors contributing to the demand for personal yachts and recreational boats. The demand for personal yachts has surged notably in the post-pandemic period with a rise in the number of travellers. Hence, such instance, necessitates the usage of safety systems in marine industry. Therefore, the growing demand for personal yachts and recreational boats is anticipated to offer lucrative growth opportunities for collision avoidance and object detection systems in the coming years.

Market Overview

India, China, Japan, Australia, and South Korea are significant contributors to the ongoing technological innovations in APAC. Rapid technological advancements, government initiatives, economic digitization, and a rise in industrialization are among the factors

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propelling the region's overall economic growth, gradually driving it from a developing to a developed stage. Marine transportation activities are also growing at a significant pace. According to the United Nations Conference on Trade and Development (UNCTAD), Asia holds a ~41% share of Asia Pacific maritime trade. The volume loaded and discharged at Asian ports made it a larger seafarer supply region Asia Pacific. Such strong penetration of marine transportation in the region has significantly contributed to the rising adoption of advanced maritime safety systems. Thus, the demand for collision avoidance and object detection system is rising at a considerable growth rate in the region. Collision avoidance and object detection system is a prominent industry solution to avoid collisions and manage maritime operations safely, bolstering the market growth.

Asia Pacific Collision Avoidance and Object Detection Maritime Market Revenue and Forecast to 2028 (US\$ Million)

Asia Pacific Collision Avoidance and Object Detection Maritime Market Segmentation

The Asia Pacific collision avoidance and object detection maritime market is segmented into technology, application, end user, and country.

Based on technology, the market is segmented into LiDAR, computer vision, radar, and others. The radar segment held the largest market share in 2022. Based on application, the market is segmented into blind spot detection, night vision, and others. The others segment held the largest market share in 2022. Based on end user, the market is segmented into unmanned surface vehicle, ships, and autonomous underwater vehicle (AUV). The ships segment dominated the market share in 2022. Based on country, the market is segmented into Australia, China, India, Japan, South Korea, and the Rest of Asia Pacific. China dominated the market share in 2022. Benewake (Beijing) Co Ltd; Orlaco Products BV; Raytheon Anschutz GmbH; Garmin Ltd; Sea Machines Robotics Inc.; Velodyne Lidar Inc.; Terma AS; Teledyne FLIR LLC; and Furuno Electric Co Ltd. are the leading companies operating in the collision avoidance and object detection maritime market in the region.

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