

Smart Helmet Market Size, Share & Trends Analysis Report By Type (Full Face, Half Face, Hard Hat), By Component (Communication, Navigation), By End-use (Consumer, Manufacturing, Construction), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Smart Helmet Market Growth & Trends

The global smart helmet market size is expected to reach USD 2.31 billion by 2030, registering a CAGR of 17.5% from 2025 to 2030, according to a new report by Grand View Research, Inc. The growing adoption of advanced wearable technology and government-imposed safety laws across the globe are the major factors driving the growth of the smart helmet industry. The increasing scope of smart helmets, to cover everything from providing safety and security with modular connectivity features to maintaining and recording the staff and workforce productivity in construction industries, is propelling the market's growth over the forecast period.

Smart helmet technology providers are actively developing innovative products and expanding their product portfolios. For instance, in April 2021, Sena Technology, Inc., a technology provider for motorcycle communications, announced the launch of Rumba, a multi-sport Bluetooth helmet. Rumba offers features such as a two-way Bluetooth intercom and smartphone pairing for GPS, phone calls, and music and is suitable for skaters and bicyclists. Such product launches are anticipated to harness the market's growth over the forecast period.

Smart hard hats (helmets) also help enhance safety at construction sites and aid



construction companies in monitoring the workers' work remotely. For instance, the GPS installed in these smart hard hats allows the managers to monitor every worker's activity and record the workers' attendance. Moreover, the smart hard hat also helps identify the task and the worker's position per their role, ultimately leading to proper management of the individually assigned work. Efficiency, security, and enhanced productivity offered by smart hard hats (helmets) are driving the market's growth.

The outbreak of the COVID-19 pandemic negatively impacted market growth during the initial phase of the pandemic, owing to the lockdowns imposed by governments. However, smart helmets proved to be an aid during the pandemic as the police and health officials across the globe started to use smart helmets that included thermal scanning features, which accurately scanned the temperature of a large number of people in a few seconds, to reduce the spread of the coronavirus, thus increasing the market demand for smart helmets. Furthermore, as the world recovers from the adversities of the pandemic, the demand for smart helmets is anticipated to increase further, contributing to the market's growth.

Smart Helmet Market Report Highlights

Based on type, the global smart helmet market has been further segmented into full-face, half face, and hard hat segments. The hard hat segment is also expected to witness significant growth over the forecast period.

Based on component, the global smart helmet market has been further segmented into communication, navigation, camera, and others. The navigation segment is expected to emerge as the fastest-growing segment over the forecast period.

Based on end use, the market has been segmented into consumer, manufacturing, construction, and others. The manufacturing segment is expected to emerge as the fastest-growing segment over the forecast period.

North America smart helmet market dominated the global market and accounted for a revenue share of more than 41.2% in 2024. Asia Pacific smart helmet market is expected to emerge as the fastest-growing regional market with a CAGR of 26.3% over the forecast period.



Companies Mentioned

Sena Technologies, Inc.
Crosshelmet
Bell Helmets
Forcite Helmet Systems
Intelligent Cranium Helmets LLC (ICH)
JARVISH INC
LIVALL Tech Co., Ltd.
H&H Sports Protection USA, Inc. (TORC)

HeadFox Innovations Pvt. Ltd.



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