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Gesture Recognition Market Reach USD 88.2 Billion by 2031 | Growing at 20.6% CAGR Globally

WILMINGTON, DE, UNITED STATES, July 8, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "Gesture Recognition Market Reach USD 88.2 Billion by 2031 | Growing at 20.6% CAGR Globally" The report offers an extensive analysis of key growth strategies, drivers, opportunities, key segment, Porter's Five Forces analysis, and competitive landscape. This study is a helpful source of information for market players, investors, VPs, stakeholders, and new entrants to gain

GESTURE RECOGNITION MARKET

OPPORTUNITIES AND FORECAST, 2021 - 2031

Gesture recognition market is expected to reach **$88.2 Billion** in 2031

Growing at a **CAGR of 20.6%** (2022-2031)

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Gesture Recognition Market

thorough understanding of the industry and determine steps to be taken to gain competitive advantage.

The gesture recognition market was valued at $13.9 billion in 2021, and is estimated to reach $88.2 billion by 2031, growing at a CAGR of 20.6% from 2022 to 2031.

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Gesture recognition technology can be used in a variety of applications, such as human-computer interaction, virtual reality, robotics, and gaming. It has the potential to enhance user experience and make interactions more natural and intuitive, as it allows users to communicate with technology in a way that mimics real-world human interactions.

Moreover, gesture recognition technology is still a rapidly evolving field, with ongoing R&D focused on improving its accuracy, speed, and versatility. As technology becomes more advanced and accessible, it has the potential to revolutionize the way firms are interacting with computers, devices, and each other.

Driving Factors Gesture Recognition Market

Increasing demand for contactless interfaces and the rising popularity of gaming applications are driving the growth of the market. In addition, the increasing usage of smart devices in various industries is fueling the growth of the gesture recognition market. However, high development and implementation costs and high battery power consumption by gesture recognition components limit the growth of the market. Conversely, the growing demand for augmented and virtual reality applications is anticipated to provide numerous opportunities for the expansion of the market during the forecast period.

Key Players in Gesture Recognition Market

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The report provides a detailed analysis of these key players of the global gesture recognition market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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Market Segmentation of Gesture Recognition Market

The global gesture recognition market is segmented into technology, industry vertical, and region. By technology, it is classified into touch-based gesture recognition and touchless gesture recognition. Based on industry vertical, it is bifurcated into consumer electronics, gaming, healthcare, automotive, aerospace & defense, and others. Region-wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Based on technology, the Touch-based Gesture Recognition segment held the highest share in 2021, accounting for more than half of the global gesture recognition market. However, the Touchless Gesture Recognition segment is expected to register the highest CAGR of 21.5% from 2022 to 2031, and is expected to continue its leadership status during the forecast period.

Based on industry vertical, the consumer electronics segment accounted for the highest share in 2021, contributing to nearly one-third of the global gesture recognition market, and is expected

to maintain its lead in terms of revenue during the forecast period. However, the aerospace and defense segment is expected to manifest the highest CAGR of 24.8% from 2022 to 2031.

Based on region, North America held the largest share in 2021, contributing to nearly two-fifths of the global gesture recognition market share, and is projected to maintain its dominant share in terms of revenue in 2031. In addition, the Asia-Pacific region is expected to manifest the fastest CAGR of 23.1% during the forecast period.

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Covid-19 Scenario:

The outbreak of the COVID-19 pandemic had a positive impact on the growth of the global gesture recognition market, owing to an increase in the need for contactless interfaces, which remains even after the pandemic situation.

Furthermore, contactless interfaces have always been a common choice for public places and high-traffic locations as they reduce the likelihood of transferring infectious diseases

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Lastly this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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About Us:

Allied Market Research (AMR) is a market research and business-consulting firm of Allied Analytics LLP, based in Portland, Oregon. AMR offers market research reports, business solutions, consulting services, and insights on markets across 11 industry verticals. Adopting extensive research methodologies, AMR is instrumental in helping its clients to make strategic business decisions and achieve sustainable growth in their market domains. We are equipped

with skilled analysts and experts and have a wide experience of working with many Fortune 500 companies and small & medium enterprises.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

𝕮𝖔𝖓𝖙𝖆𝖈𝖙:

David Correa
1209 Orange Street,
Corporation Trust Center,
Wilmington, New Castle,
Delaware 19801 USA.
(Toll Free):+1-800-792-5285, +1-503-894-6022
UK: +44-845-528-1300
Hong Kong: +852-301-84916
India (Pune): +91-20-66346060
Fax: +1(855)550-5975
help@alliedmarketresearch.com
Web: www.alliedmarketresearch.com
Allied Market Research Blog: https://blog.alliedmarketresearch.com
Follow Us on | Facebook | LinkedIn | YouTube |

David Correa
Allied Market Research
+1 800-792-5285
email us here
Visit us on social media:
LinkedIn
Facebook
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