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Americas Gesture Recognition & Touchless Sensing Market (2013 - 2018) Technology (2D, 3D, Ultrasonic, IR, Capacitive); Product (Biometric, Sanitary); Application (Healthcare, Electronics, Automotive); Country (U.S., Canada, Mexico, Brazil, Argentina)

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Abstracts

The touch-less sanitary equipment market covered under the report relates to the products based on the application of capacitive and infrared sensors for faucets, hand dryers, soap dispensers etc. to make it more hygienic and reduce wastage. The gesture recognition technology essentially facilitates the coherence of the human gestures like face, hand or body with the machine in contention to perform related tasks.

The Americas gesture recognition technology market is governed by the technologies like 2D camera based, 3D camera based, ultrasonic, infrared arrays, and capacitive technology. The touch-less biometric market has been segmented by the different types like face, iris, voice, and touch-less fingerprint biometrics. Similarly, the touch-less sanitary equipment is segmented by the major products like faucets, soap dispensers, trash cans, hand dryers, paper towel dispenser, and flushes.

This report describes the market evolution of touch-less sensing and gesture recognition technologies as well as the emerging trends for both gesture and touch-less sensing technologies. The touch-less multimodal biometrics in the automotive industry is expected to be a significant opportunity in the Americas touch-less biometric market. The report also provides detailed scrutiny of porters five force analysis for the Americas touch-less sanitary, touch-less biometrics and gesture recognition markets. All the five major factors in these markets have been quantified using internal key parameters governing each of them.

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The major drivers for the Americas gesture recognition market are intensive efforts by OEMs for one-stop integration and a highly developed gaming and entertainment industry.Currently, consumer electronics application contributes more than 99% of the Americas gesture recognition market There is a lot of opportunity for existing players as well as for new entrants to innovate and differentiate the products in terms of price and high quality user interface. The Competitive landscape covers market share analysis, mergers and acquisitions, collaborations, partnerships, new product developments, and the key growth strategies of each player.

The Americas touch-less sensing and gesture recognition market is expected to create escalated demands owing to augmented applications; however a saturated consumer electronics industry is expected to inhibit the market growth as compared to other regions of the globe. The major players in the Americas gesture recognition market include Qualcomm (U.S.), Intel Corporation (U.S.), nVidia (U.S.), Texas Instruments (U.S.), Microchip Technologies (U.S.) among others.

Scope of the report

This research report categorizes the Americas touch-less sensing and gesture recognition market on the basis of different technologies, products, applications and geographical analysis; forecasting revenue and analyzing trends in the market.

On the basis of technology

The basic heads under this include 2D camera based technology, 3D vision technology, infrared technology, ultrasonic and electric near field array technology. The 3D vision technology is further categorized under stereoscopic, structured lighting, time-of-flight cameras and gesture cameras.

On the basis of verticals

The basic applications in the gesture recognition market inculcateconsumer electronics, healthcare, automotive and retail. The consumer electronics vertical is further classified under smartphones, media tablets, smart TVs, set-top box and laptops. The touch-less sensing application market is categorized under travel, government, finance and banking, consumer electronics and healthcare.

On the basis of geography

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North America

U.S.

Canada

Mexico

South America

Brazil

Argentina

Each section will provide market data, market drivers, trends and opportunities, key players, and competitive outlook. This report also makes ways for market tables to cover the sub-segments and micro-markets. In addition, it profiles around 24 companies covering all the sub-segments such as overview, products & services, financials, strategy, and developments.

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Gesture Recognition & Touchless Sensing Market (2013 - 2018): By Technology (2D, 3D, Ultrasonic, IR, Capacitive); Product (Biometric, Sanitary Equipment); Application (Healthcare, Consumer Electronics, Automotive); Geography (Americas, EMEA, & APAC)

Asia-Pacific Gesture Recognition & Touchless Sensing Market (2013 - 2018): Technology (2D, 3D, Ultrasonic, IR, Capacitive); Product (Biometric, Sanitary); Application (Healthcare, Electronics, Automotive); Country (India, China, Japan, South Korea)

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