

Global Gesture Recognition Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

<https://marketpublishers.com/r/G0477DA2387EN.html>

Date: February 2017

Pages: 0

Price: US\$ 3,619.00 (Single User License)

ID: G0477DA2387EN

Abstracts

Gesture recognition refers to the technology in which the actions of a machine is controlled through the change in movement of some certain body part of the operator. The gesture recognition market has a wide scope in industries, such as electronics, communication, and healthcare. The market has also exhibited increased penetration in various portable electronic devices over the last 4-5 years.

The demand for gesture recognition has increased in past decade with the increase in requirement of automation in portable electronic devices and electronic systems used in automotive vehicles. The gesture recognition has also provided automation in industrial process through the usage of 3D machine vision and improvised the interaction between human and machine. Global Gesture recognition market is expected to grow at a CAGR of 29.2% from 2017 to 2025.

Based on type, it is bifurcated into touch-based gesture recognition system and touch less gesture recognition systems. Categorization based on industry verticals includes, electronics, industrial, automotive, healthcare, and others. Further, based on geography, the global gesture recognition market is segmented into, North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Increase in user-friendly features in portable electronic devices

Low cost of gesture recognition software

Rise in adoption by industrial sector

Restraints:

Lack in precision

Increased power consumption

MARKET PLAYERS:

Top market players profiled in the report are Apple Inc., Intel Corporation, Google Inc., Infineon Technologies AG, OMRON Corporation, Elliptic Laboratories AS, Qualcomm Technologies, Inc., GestureTek, Inc., Cognitec Systems GmbH, and SoftKinetic SA.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Type

Touch-Based Gesture Recognition

Gyroscope

Accelerometer

Touch less Gesture Recognition

Ultrasonic

Capacitive

Infrared

2D Camera-Based

3D Machine Vision

By Industry Vertical

Electronics

Industrial

Automotive

Healthcare

Others (Advertisement and Aerospace & Defense)

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

Australia

China

Japan

India

Singapore

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

Rest of LAMEA

Contents

1. EXECUTIVE SUMMARY

- 1.1. Key Findings
- 1.2. Market Attractiveness and Trend analysis
- 1.3. Competitive Landscape and recent industry development analysis (2014-2016)

2. INTRODUCTION

- 2.1. Report Description
- 2.2. Scope and Definitions
- 2.3. Research Methodology

3. MARKET LANDSCAPE

- 3.1. Growth Drivers
 - 3.1.1. Impact Analysis
- 3.2. Restraints and Challenges
 - 3.2.1. Impact Analysis
- 3.3. Porter's Analysis
 - 3.3.1. Bargaining power of buyers
 - 3.3.2. Bargaining power of suppliers
 - 3.3.3. Threat of substitutes
 - 3.3.4. Industry rivalry
 - 3.3.5. Threat of new entrants
- 3.4. Global Gesture Recognition Market shares Analysis, 2014-2025
 - 3.4.1. Global Gesture Recognition Market Share by type, 2014-2025
 - 3.4.2. Global Gesture Recognition Market Share by Geography, 2014-2025
 - 3.4.3. Global Gesture Recognition Market Share by Industry Vertical, 2014-2025

4. GLOBAL GESTURE RECOGNITION MARKET BY TYPE

- 4.1. Touch-Based Gesture Recognition
 - 4.1.1. Historical Market Size by Region, 2014-2016
 - 4.1.2. Market Forecast by Region, 2017-2025
 - 4.1.3. Gyroscope
 - 4.1.4. Accelerometer
- 4.2. Touch less Gesture Recognition

- 4.2.1. Historical Market Size by Region, 2014-2016
- 4.2.2. Market Forecast by Region, 2017-2025
- 4.2.3. Ultrasonic
- 4.2.4. Capacitive
- 4.2.5. Infrared
- 4.2.6. 2D Camera-Based
- 4.2.7. 3D Machine Vision

5. GLOBAL GESTURE RECOGNITION MARKET BY INDUSTRY VERTICAL

5.1. Electronics

- 5.1.1. Historical Market Size by Region, 2014-2016
- 5.1.2. Market Forecast by Region, 2017-2025

5.2. Industrial

- 5.2.1. Historical Market Size by Region, 2014-2016
- 5.2.2. Market Forecast by Region, 2017-2025

5.3. Automotive

- 5.3.1. Historical Market Size by Region, 2014-2016
- 5.3.2. Market Forecast by Region, 2017-2025

5.4. Healthcare

- 5.4.1. Historical Market Size by Region, 2014-2016
- 5.4.2. Market Forecast by Region, 2017-2025

5.5. Others

- 5.5.1. Historical Market Size by Region, 2014-2016
- 5.5.2. Market Forecast by Region, 2017-2025

6. GLOBAL GESTURE RECOGNITION MARKET BY GEOGRAPHY

6.1. North America

6.1.1. U.S.

- 6.1.1.1. Historical Market Size by Region, 2014-2016
- 6.1.1.2. Market Forecast by Region, 2017-2025

6.1.2. Canada

- 6.1.2.1. Historical Market Size by Region, 2014-2016
- 6.1.2.2. Market Forecast by Region, 2017-2025

6.1.3. Mexico

- 6.1.3.1. Historical Market Size by Region, 2014-2016
- 6.1.3.2. Market Forecast by Region, 2017-2025

6.2. Europe

- 6.2.1. UK
 - 6.2.1.1. Historical Market Size by Region, 2014-2016
 - 6.2.1.2. Market Forecast by Region, 2017-2025
- 6.2.2. Germany
 - 6.2.2.1. Historical Market Size by Region, 2014-2016
 - 6.2.2.2. Market Forecast by Region, 2017-2025
- 6.2.3. France
 - 6.2.3.1. Historical Market Size by Region, 2014-2016
 - 6.2.3.2. Market Forecast by Region, 2017-2025
- 6.2.4. Spain
 - 6.2.4.1. Historical Market Size by Region, 2014-2016
 - 6.2.4.2. Market Forecast by Region, 2017-2025
- 6.2.5. Italy
 - 6.2.5.1. Historical Market Size by Region, 2014-2016
 - 6.2.5.2. Market Forecast by Region, 2017-2025
- 6.2.6. Rest of Europe
 - 6.2.6.1. Historical Market Size by Region, 2014-2016
 - 6.2.6.2. Market Forecast by Region, 2017-2025
- 6.3. Asia-Pacific
 - 6.3.1. Australia
 - 6.3.1.1. Historical Market Size by Region, 2014-2016
 - 6.3.1.2. Market Forecast by Region, 2017-2025
 - 6.3.2. China
 - 6.3.2.1. Historical Market Size by Region, 2014-2016
 - 6.3.2.2. Market Forecast by Region, 2017-2025
 - 6.3.3. Japan
 - 6.3.3.1. Historical Market Size by Region, 2014-2016
 - 6.3.3.2. Market Forecast by Region, 2017-2025
 - 6.3.4. India
 - 6.3.4.1. Historical Market Size by Region, 2014-2016
 - 6.3.4.2. Market Forecast by Region, 2017-2025
 - 6.3.5. Singapore
 - 6.3.5.1. Historical Market Size by Region, 2014-2016
 - 6.3.5.2. Market Forecast by Region, 2017-2025
 - 6.3.6. Rest of Asia-Pacific
 - 6.3.6.1. Historical Market Size by Region, 2014-2016
 - 6.3.6.2. Market Forecast by Region, 2017-2025
- 6.4. LAMEA
 - 6.4.1. Latin America

- 6.4.1.1. Historical Market Size by Region, 2014-2016
- 6.4.1.2. Market Forecast by Region, 2017-2025
- 6.4.2. Middle East
 - 6.4.2.1. Historical Market Size by Region, 2014-2016
 - 6.4.2.2. Market Forecast by Region, 2017-2025
- 6.4.3. Africa
 - 6.4.3.1. Historical Market Size by Region, 2014-2016
 - 6.4.3.2. Market Forecast by Region, 2017-2025

7. COMPANY PROFILES

7.1. APPLE INC.

- 7.1.1. Overview
- 7.1.2. Financials and business segments
- 7.1.3. Recent Developments

7.2. INTEL CORPORATION

- 7.2.1. Overview
- 7.2.2. Financials and business segments
- 7.2.3. Recent Developments

7.3. GOOGLE INC.

- 7.3.1. Overview
- 7.3.2. Financials and business segments
- 7.3.3. Recent Developments

7.4. INFINEON TECHNOLOGIES AG

- 7.4.1. Overview
- 7.4.2. Financials and business segments
- 7.4.3. Recent Developments

7.5. OMRON CORPORATION

- 7.5.1. Overview
- 7.5.2. Financials and business segments
- 7.5.3. Recent Developments

7.6. ELLIPTIC LABORATORIES AS

- 7.6.1. Overview
- 7.6.2. Financials and business segments
- 7.6.3. Recent Developments

7.7. QUALCOMM TECHNOLOGIES, INC.

- 7.7.1. Overview
- 7.7.2. Financials and business segments
- 7.7.3. Recent Developments

7.8. GESTURETEK, INC.

7.8.1. Overview

7.8.2. Financials and business segments

7.8.3. Recent Developments

7.9. COGNITEC SYSTEMS GMBH

7.9.1. Overview

7.9.2. Financials and business segments

7.9.3. Recent Developments

7.10. SOFTKINETIC SA

7.10.1. Overview

7.10.2. Financials and business segments

7.10.3. Recent Developments

List Of Tables

LIST OF TABLES

Table 1. Gesture Recognition Market Share, by Type, 2014-2025, (%)

Table 2. Gesture Recognition Market Share, by Touch Based Gesture Recognition, 2014-2025, (%)

Table 3. Gesture Recognition Market Value for Gyroscope, by Region, 2017-2025, \$million

Table 4. Gesture Recognition Market Value for Accelerometer, by Region, 2017-2025, \$million

Table 5. Gesture Recognition Market Share, by Touch Less Gesture Recognition, 2014-2025, (%)

Table 6. Gesture Recognition Market Value for Ultrasonic, by Region, 2017-2025, \$million

Table 7. Gesture Recognition Market Value for Capacitive, by Region, 2017-2025, \$million

Table 8. Gesture Recognition Market Value for Infrared, by Region, 2017-2026, \$million

Table 9. Gesture Recognition Market Value for 2D Camera-Based, by Region, 2017-2026, \$million

Table 10. Gesture Recognition Market Value for 3D Machine Vision, by Region, 2017-2026, \$million

Table 11. Gesture Recognition Market Share, by Industry Vertical, 2014-2025, (%)

Table 12. Gesture Recognition Market Value for Electronics, by Region, 2017-2025, \$million

Table 13. Gesture Recognition Market Value for Industrial, by Region, 2017-2025, \$million

Table 14. Gesture Recognition Market Value for Automotive, by Region, 2017-2025, \$million

Table 15. Gesture Recognition Market Value for Healthcare, by Region, 2017-2025, \$million

Table 16. Gesture Recognition Market Value for others, by Region, 2017-2025, \$million

Table 17. Gesture Recognition Market Value, by Region, 2014-2025, \$million

Table 18. Gesture Recognition Market Value for North America, by Country, 2014-2025, \$million

Table 19. Gesture Recognition Market Value for North America, by Type, 2014-2025, \$million

Table 20. Gesture Recognition Market Value for North America, by Touch Based Gesture Recognition, 2014-2025, \$million

Table 21. Gesture Recognition Market Value for North America, by Touch Less Gesture Recognition, 2014-2025, \$million

Table 22. Gesture Recognition Market Value for North America, by Industry Vertical, 2014-2025, \$million

Table 23. Gesture Recognition Market Value for Europe, by Country, 2014-2025, \$million

Table 24. Gesture Recognition Market Value for Europe, by Type, 2014-2025, \$million

Table 25. Gesture Recognition Market Value for Europe, by Touch Based Gesture Recognition, 2014-2025, \$million

Table 26. Gesture Recognition Market Value for Europe, by Touch Less Gesture Recognition, 2014-2025, \$million

Table 27. Gesture Recognition Market Value for Europe, by Industry Vertical, 2014-2025, \$million

Table 28. Gesture Recognition Market Value for Asia-Pacific, by Country, 2014-2025, \$million

Table 29. Gesture Recognition Market Value for Asia-Pacific, by Type, 2014-2025, \$million

Table 30. Gesture Recognition Market Value for Asia-Pacific, by Touch Based Gesture Recognition, 2014-2025, \$million

Table 31. Gesture Recognition Market Value for Asia-Pacific, by Touch Less Gesture Recognition, 2014-2025, \$million

Table 32. Gesture Recognition Market Value for Asia-Pacific, by Industry Vertical, 2014-2025, \$million

Table 33. Gesture Recognition Market Value for LAMEA, by Country, 2014-2025, \$million

Table 34. Gesture Recognition Market Value for LAMEA, by Type, 2014-2025, \$million

Table 35. Gesture Recognition Market Value for LAMEA, by Touch Based Gesture Recognition, 2014-2025, \$million

Table 36. Gesture Recognition Market Value for LAMEA, by Touch Less Gesture Recognition, 2014-2025, \$million

Table 37. Gesture Recognition Market Value for LAMEA, by Industry Vertical, 2014-2025, \$million

Table 38. Apple Inc. - Company Snapshot

Table 39. Intel Corporation - Company Snapshot

Table 40. Google Inc. - Company Snapshot

Table 41. Infineon Technologies AG- Company Snapshot

Table 42. OMRON Corporation - Company Snapshot

Table 43. Elliptic Laboratories AS - Company Snapshot

Table 44. Qualcomm Technologies, Inc. - Company Snapshot

Table 45. GestureTek, Inc. - Company Snapshot

Table 46. Cognitec Systems GmbH - Company Snapshot

Table 47. SoftKinetic SA - Company Snapshot

List Of Figures

LIST OF FIGURES

- Figure 1. Gesture Recognition Gyroscope Market Value, 2014-2016, \$million
- Figure 2. Gesture Recognition Accelerometer Market Value, 2014-2016, \$million
- Figure 3. Gesture Recognition Ultrasonic Market Value, 2014-2016, \$million
- Figure 4. Gesture Recognition Capacitive Market Value, 2014-2016, \$million
- Figure 5. Gesture Recognition Infrared Market Value, 2014-2016, \$million
- Figure 6. Gesture Recognition 2D Camera-Based Market Value, 2014-2016, \$million
- Figure 7. Gesture Recognition 3D Machine Vision Market Value, 2014-2016, \$million
- Figure 8. Gesture Recognition Electronics Market Value, 2014-2016, \$million
- Figure 9. Gesture Recognition Industrial Market Value, 2014-2016, \$million
- Figure 10. Gesture Recognition Automotive Market Value, 2014-2016, \$million
- Figure 11. Gesture Recognition Healthcare Market Value, 2014-2016, \$million
- Figure 12. Gesture Recognition Others Market Value, 2014-2016, \$million
- Figure 13. Gesture Recognition: U.S. Market Value, 2014-2016, \$million
- Figure 14. Gesture Recognition: U.S. Market Value, 2017-2025, \$million
- Figure 15. Gesture Recognition: Canada Market Value, 2014-2016, \$million
- Figure 16. Gesture Recognition: Canada Market Value, 2017-2025, \$million
- Figure 17. Gesture Recognition: Mexico Market Value, 2014-2016, \$million
- Figure 18. Gesture Recognition: Mexico Market Value, 2017-2025, \$million
- Figure 19. Gesture Recognition: UK Market Value, 2014-2016, \$million
- Figure 20. Gesture Recognition: UK Market Value, 2017-2025, \$million
- Figure 21. Gesture Recognition: Germany Market Value, 2014-2016, \$million
- Figure 22. Gesture Recognition: Germany Market Value, 2017-2025, \$million
- Figure 23. Gesture Recognition: France Market Value, 2014-2016, \$million
- Figure 24. Gesture Recognition: France Market Value, 2017-2025, \$million
- Figure 25. Gesture Recognition: Spain Market Value, 2014-2016, \$million
- Figure 26. Gesture Recognition: Spain Market Value, 2017-2025, \$million
- Figure 27. Gesture Recognition: Italy Market Value, 2014-2016, \$million
- Figure 28. Gesture Recognition: Italy Market Value, 2017-2025, \$million
- Figure 29. Gesture Recognition: Rest of Europe Market Value, 2014-2016, \$million
- Figure 30. Gesture Recognition: Rest of Europe Market Value, 2017-2025, \$million
- Figure 31. Gesture Recognition: China Market Value, 2014-2016, \$million
- Figure 32. Gesture Recognition: China Market Value, 2017-2025, \$million
- Figure 33. Gesture Recognition: Japan Market Value, 2014-2016, \$million
- Figure 34. Gesture Recognition: Japan Market Value, 2017-2025, \$million
- Figure 35. Gesture Recognition: India Market Value, 2014-2016, \$million

Figure 36. Gesture Recognition: India Market Value, 2017-2025, \$million

Figure 37. Gesture Recognition: Australia Market Value, 2014-2016, \$million

Figure 38. Gesture Recognition: Australia Market Value, 2017-2025, \$million

Figure 39. Gesture Recognition: South Korea Market Value, 2014-2016, \$million

Figure 40. Gesture Recognition: South Korea Market Value, 2017-2025, \$million

Figure 41. Gesture Recognition: Rest of Asia-Pacific Market Value, 2014-2016, \$million

Figure 42. Gesture Recognition: Rest of Asia-Pacific Market Value, 2017-2025, \$million

Figure 43. Gesture Recognition: Brazil Market Value, 2014-2016, \$million

Figure 44. Gesture Recognition: Brazil Market Value, 2017-2025, \$million

Figure 45. Gesture Recognition: Saudi Arabia Market Value, 2014-2016, \$million

Figure 46. Gesture Recognition: Saudi Arabia Market Value, 2017-2025, \$million

Figure 47. Gesture Recognition: South Africa Market Value, 2014-2016, \$million

Figure 48. Gesture Recognition: South Africa Market Value, 2017-2025, \$million

Figure 49. Gesture Recognition: Rest of LAMEA Market Value, 2014-2016, \$million

Figure 50. Gesture Recognition: Rest of LAMEA Market Value, 2017-2025, \$million

COMPANIES MENTIONED

Infineon Technologies AG, OMRON Corporation, Elliptic Laboratories AS, Qualcomm Technologies, Inc., GestureTek, Inc., Cognitec Systems GmbH, and SoftKinetic SA.

I would like to order

Product name: Global Gesture Recognition Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

Product link: <https://marketpublishers.com/r/G0477DA2387EN.html>

Price: US\$ 3,619.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0477DA2387EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

