

Gesture Recognition: Market Research Report

<https://marketpublishers.com/r/G633B9DE33BEN.html>

Date: January 2015

Pages: 174

Price: US\$ 4,500.00 (Single User License)

ID: G633B9DE33BEN

Abstracts

This report analyzes the worldwide markets for Gesture Recognition in US\$ Thousand. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2013 through 2020. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 32 companies including many key and niche players such as -

CogniVue

Elliptic Laboratories AS

Extreme Reality

eyeSight Technologies Ltd.

Gestsure Technologies

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

Gesture Recognition Technology: Enabling Human-Machine Interaction

Table 1. Percentage Breakdown of the Use of Body Parts for Gesturing (2014)
(includes corresponding Graph/Chart)

Gesture Recognition Technology: An Indispensable Part of New-Age Smart Devices
Market Outlook
Developed Markets to Continue Their Dominance
Developing Countries to Drive Future Market Growth
Hand Gesture Recognition: An Easy & Accurate Way of Non-Verbal Communication

2. MARKET TRENDS & GROWTH DRIVERS

Eye Tracking Technology Gains Wider Acceptance
Technology Innovations
Advancements in Gesture Recognition Technology Spearhead Growth
A Peek into Technological Innovations/ Breakthroughs in the Field of Gesture Recognition
2D GESTURE RECOGNITION CONTINUES TO GAIN ACCEPTANCE
3D IMAGE SENSOR – REVOLUTIONIZING THE GESTURE RECOGNITION TECHNOLOGY
Ultrasonic Sensing – An Emerging Alternative Technology
Gesture Recognition for Physically Impaired
Proliferation of Consumer Electronic Devices to Drive Demand for Gesture Recognition

Opportunity Indicators

Table 2. Gesture Control in Electronic Devices (2015): Technology Penetration as a % of Unit Shipments (includes corresponding Graph/Chart)

Table 3. Global Gesture Control Market (2015): Percentage Breakdown of Revenues by Electronic Device - Automotive Infotainment, Desktop PC, Gaming Console, Notebook, Smartphone, Tablets, and TV (includes corresponding Graph/Chart)

Table 4. Global Market for Consumer Electronics (2012 & 2015): Breakdown of Annual Revenue (in US\$ Billion) by Region/Country for US, Canada, Europe, Asia-Pacific (including Japan), Middle East, and Latin America (includes corresponding Graph/Chart)

Table 5. Global Market for Personal Computers (2012 & 2015) - Percentage Breakdown of Annual Volume Shipments by Product Segment (includes corresponding Graph/Chart)

Table 6. Global Notebook PC Market (2014): Percentage Breakdown of Volume Shipments by Region (includes corresponding Graph/Chart)

Table 7. Global Notebook PC Market (2014): Percentage Breakdown of Volume Shipments by Product Segment (includes corresponding Graph/Chart)

Gesture Recognition Technology Boosts Gaming Experience to a New Level
Rise in Mobile Gaming Opens a Lucrative Niche for Gesture Recognition
Robust Growth in Sales of Smartphones & Tablets Augurs Well for the Market
Key Statistical Data

Table 8. World Market for Smartphones: Breakdown of Annual Shipments in Billion Units for Years 2013, 2015 & 2018 (includes corresponding Graph/Chart)

Gesture Recognition Takes User Interactivity to the Next Level in Smartphones
Expanding Applications to Benefit Market Growth
Advanced In-Vehicle HMI Systems Drive Gesture Recognition in Automotive Sector
Gesture Recognition Systems Enable Hands-Free Operations
Gesture Recognition Dilutes Fears Over Driver Distraction

Gesture Based Controls Keep Drivers in Control of Vehicle Speeds
Demand from Healthcare/Medical Industry Provides Traction
Gesture Recognition in Smartwatches
Gesture Controls Now for Smart Homes
Researchers Develop Natural Light 2D Hand Gesture Recognition Technology
Key Challenges Impeding Widespread Adoption of Gesture Recognition Technology
Limited Understanding of Gestures and Inability to Process Various Gestures
Low Accuracy due to Ambient Light & Brightness
Lack of Awareness

3. AN OVERVIEW OF GESTURE RECOGNITION

An Introduction
Types of Gestures
Offline Gestures
Online Gestures
Classification Based on Data Acquisition
Vision-Based Gesture Recognition
Glove-Based Gesture Recognition
The Process of Hand Gesture Recognition
Image Acquisition Phase
Image Processing Phase
Orientation Detection
Feature Extraction Phase
Classification
Gesture Recognition Phase
Flow Chart of Gesture Recognition

4. PRODUCT INTRODUCTIONS/INNOVATIONS

eyesight to Launch Singlecue
Microchip Launches Advanced MGC3030 3D Gesture Controller
ASUS Launches Ultra Slim All-In-One Gesture Control PC
SoftKinetic Launches DepthSense[R] Close Interaction Library
OmniVision Technologies and eyeSight Technologies Jointly Develop Next-Generation
Gesture Recognition Technology
Elliptic Releases Advanced Ultrasonic Gesture Technology
SoftKinetic Introduces Advanced Gesture-Based Infotainment Solution
Leap Motion Launches Enhanced 3G Gesture Control

Microsoft to Launch New Improved Gesture-Based Windows Phone
LG Showcases CINEMA Range of 3D Smart TVs
Plessy Launches Low Cost, Contactless Gesture- Recognition Technology
Etron Technology Introduces 3D Gesture-Recognition Platform
AMD Releases New Range of APUs
Samsung Launches Galaxy S4 Smartphone with Gesture Recognition & Eye Tracking Features
SoftKinetic Releases Enhanced Gesture Recognition Middleware Platform
Kaon Launches Touch-Free Gesture Based V-Wave
Lava to Introduce Gesture Based Smartphone
Dreipuls Launches New Contactless Gesture Recognition LED light AREA
Jolla Releases Gesture-Based Sailfish OS Phone
PointGrab Releases Advanced Hand Gesture Control Solution
Marvell Showcases Advanced Remote Control Platform
Comland Launches Facial Gesture Recognition Library for Mobile Platforms
Grayhill Releases Instinct GestureRecognition Library
Fujitsu Laboratories Develop Advanced 3D Hand Gesture recognition Technology
Infineon Technologies Launches Whole New Range of 3D Image Sensor Chips
eyesight Releases New Gesture Control Solution
OMRON Launches New Image Sensing Software
PointGrab Showcases New Range of Gesture Recognition Solutions
Infineon Develops Touchless Gesture Recognition Technology in Collaboration with pmdtechnologies
PointGrab Launches Advanced Hybrid Action Recognition Technology
Hewlett-Packard Releases Improved Gesture Recognition Technology
OMRON Launches Enhanced Image Sensing Software
Societe de transport de Montreal and Quebecor Media Jointly Launch Gesture Recognition-Based Digital Transit Shelters

5. RECENT INDUSTRY ACTIVITY

Mouser Electronics Inks Pact with Microchip Technology
Videantis and gestigon Enter into an Agreement
zSpace Enters into Agreement with University of Tokyo
Leap Motion and Hewlett-Packard Enter into a Partnership
Hillcrest Laboratories and TCL Ink Multi-Year Agreement
Softkinetic International Enters into Agreement with Intel
Compal Electronics and Omek Interactive Ink a Pact
PointGrab Enters into Agreement with Fujitsu

Wolfson Microelectronics Inks Pact with Elliptic Labs
Elmos Semiconductor Enters into Distribution Agreement with Technokey
eyesight Enters into Partnership with ARM
PointGrab Enters into Agreement with Lenovo
TCL Inks Pact with PointGrab
Google to Acquire Flutter
Apple Takes Over PrimeSense
Intel Takes Over Omek

6. FOCUS ON SELECT GLOBAL PLAYERS

CogniVue (Canada)
Elliptic Laboratories AS (Norway)
Extreme Reality (Israel)
eyeSight Technologies Ltd. (Israel)
Gestsure Technologies (Canada)
GestureTek (US)
Intel Corporation (US)
Microsoft Corporation (US)
PointGrab Ltd. (Israel)
Qualcomm, Inc. (US)
SoftKinetic (Belgium)

7. GLOBAL MARKET PERSPECTIVE

Table 9. World Recent Past, Current & Future Analysis for Gesture Recognition by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 10. World 8-Year Perspective for Gesture Recognition by Geographic Region - Percentage Breakdown of Revenues for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

- A. Market Analysis
 - Current & Future Analysis
 - Gesture Recognition Market Overview
 - Product Launches
 - Strategic Corporate Developments
 - Key Players
- B. Market Analytics

Table 11. US Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

2. CANADA

- A. Market Analysis
 - Current & Future Analysis
 - Product Launch
 - Key Players
- B. Market Analytics

Table 12. Canadian Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

3. JAPAN

- A. Market Analysis
 - Current & Future Analysis
 - Product Launches
 - Strategic Corporate Developments
- B. Market Analytics

Table 13. Japanese Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013

through 2020 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Current & Future Analysis

Gesture Recognition Market – A Review

B. Market Analytics

Table 14. European Recent Past, Current & Future Analysis for Gesture Recognition by Geographic Region - France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 15. European 8-Year Perspective for Gesture Recognition by Geographic Region - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

4A. FRANCE

A. Market Analysis

Current & Future Analysis

B. Market Analytics

Table 16. French Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

4B. GERMANY

A. Market Analysis

Current & Future Analysis

Product Launches

Strategic Corporate Development

B. Market Analytics

Table 17. German Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

4C. ITALY

- A. Market Analysis
- Current & Future Analysis
- B. Market Analytics

Table 18. Italian Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

- A. Market Analysis
- Current & Future Analysis
- Product Launch
- B. Market Analytics

Table 19. UK Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

4E. SPAIN

- A. Market Analysis
- Current & Future Analysis
- B. Market Analytics

Table 20. Spanish Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

4F. RUSSIA

- A. Market Analysis
 - Current & Future Analysis
- B. Market Analytics

Table 21. Russian Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

4G. REST OF EUROPE

- A. Market Analysis
 - Current & Future Analysis
 - Product Launches
 - Strategic Corporate Developments
 - Key Players
- B. Market Analytics

Table 22. Rest of Europe Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

- A. Market Analysis
 - Current & Future Analysis
- B. Market Analytics

Table 23. Asia-Pacific Recent Past, Current & Future Analysis for Gesture Recognition by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 24. Asia-Pacific 8-Year Perspective for Gesture Recognition by Geographic Region - Percentage Breakdown of Revenues for China, India and Rest of Asia-Pacific

Markets for Years 2013, 2015 & 2020 (includes corresponding Graph/Chart)

5A. CHINA

A. Market Analysis

Current & Future Analysis

Strategic Corporate Development

B. Market Analytics

Table 25. Chinese Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis

Current & Future Analysis

Product Launches

B. Market Analytics

Table 26. Indian Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

5C. REST OF ASIA-PACIFIC

A. Market Analysis

Current & Future Analysis

Product Launches

B. Market Analytics

Table 27. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

6. LATIN AMERICA

- A. Market Analysis
 - Current & Future Analysis
 - Brazil
 - Gesture Recognition Market
- B. Market Analytics

Table 28. Latin American Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

7. REST OF WORLD

- A. Market Analysis
 - Current & Future Analysis
 - Product Launches
 - Strategic Corporate Developments
 - Key Players
- B. Market Analytics

Table 29. Rest of World Recent Past, Current & Future Analysis for Gesture Recognition Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

- Total Companies Profiled:
- The United States (9)
 - Canada (4)
 - Japan (4)
 - Europe (8)
 - Germany (3)
 - Rest of Europe (5)
 - Asia-Pacific (Excluding Japan) (4)
 - Latin America (1)
 - Middle East (3)

I would like to order

Product name: Gesture Recognition: Market Research Report

Product link: <https://marketpublishers.com/r/G633B9DE33BEN.html>

Price: US\$ 4,500.00 (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/G633B9DE33BEN.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