

Touchless Sensing: Market Research Report

<https://marketpublishers.com/r/TD003DE2E20EN.html>

Date: January 2015

Pages: 228

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

ID: TD003DE2E20EN

Abstracts

This report analyzes the worldwide markets for Touchless Sensing 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 2014 through 2020. Also, a five-year historic analysis is provided for these markets. 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 103 companies including many key and niche players such as -

Cognitec Systems GmbH

CogniVue Corporation

Crossmatch Technologies

eyeSight Technologies Ltd.

Intel Corporation

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

Touchless Sensing - A Prelude

Developed Regions Dominate the Market, While Developing Nations to Turbo Charge Growth

Table 1. Global Touchless Sensing Market (2015E): Market Shares of Developed Regions/Countries (includes corresponding Graph/Chart)

Table 2. Growth of Developing Countries Vis-a-Vis Developed Countries in Touchless Sensing Technologies Market: CAGR over the Period 2014-2020 for China, Russia, France, Italy, Germany, Japan, UK, Spain, US, and Canada (includes corresponding Graph/Chart)

2. MARKET TRENDS & GROWTH DRIVERS

Hygiene Concerns Create Business Case for Touchless Sensing Solutions

Rising Popularity of Biometrics Offer Ample Growth Opportunities

Access Control – Key Growth Area for Touchless Biometrics

Physical Access Control Implementations – The Most Notable Application Area

System & Network Access Control – A Robust Market Opportunity in the Offing

Increasing Security Threats Drive the Voice Verification Biometrics Market

Touchless Fingerprint Systems Drive Opportunities

3D FINGERPRINT SYSTEMS EVOLVE AS A MORE ACCURATE TECHNOLOGY

Hygiene Concerns Drive Demand for Touchless Palm Printing Biometrics

Demand Continues to Grow for Iris Biometrics

Facial Biometrics Grow in Popularity

3D FACE RECOGNITION TECHNOLOGY TAKES SURVEILLANCE A STEP FURTHER

Development of 3D Face Recognition Provides Fillip to the FR Technology Market

Key Comparisons: 2D Vs 3D Face Recognition

Touchless Fixtures in Lavatories - A Major Trend in the Commercial Plumbing Industry

Touchless Fixtures Gain Prominence in the Residential Construction Sector

Advancements in Touchless Sensing Technology Spearhead Growth

Advanced Touchless Biometric Identification

Touchless Infrared Gesture Sensing Gains Prominence

Low-Resolution CMOS Web Camera

Intelligent Toilet

Smart Shower System

Sensor-Operated Self-Closing Taps & Urinal Flush Systems

Google Develops New Gesture Sensing Technology

Microsoft Develops Gesture-Sensing PC Keyboard

Apple Receives Patent for Gesture Controls

Microsoft Develops Kinect-Based Technology for Neurosurgery

Gesture Recognition Technology: Enabling Human-Machine Interaction

Hand Gesture Recognition: An Easy & Accurate Way of Non-Verbal Communication

Expanding Applications to Benefit Market Growth

Government Sector: A Major Revenue Contributor in the Touchless Biometrics Market

Growing Adoption in Banking & Financial Services Sector

Voice Biometrics Adoption Continues to Grow in Financial Services Industry

Growing Adoption of Iris Biometrics in the Banking & Financial Services Sector

Touchless Sensing Sees Potential Opportunities in the Healthcare Sector

Touchless Sensing Technology Finds Application in Health/Fitness Equipment

Face & Voice Biometrics in the Healthcare Sector

Iris Biometrics Set to Leverage Healthcare Applications

Automotive Industry – A High Potential Market

Recovering Automobile Production: Opportunity Indicator for Touchless Sensing

Table 3. Global Production of Passenger Cars by Geographic Region/Country (2014 & 2018): Annual Production ('000' Units) for Asia-Pacific, Canada, Europe, Japan, Latin America, USA, and Rest of World (includes corresponding Graph/Chart)

Table 4. Global Production of Commercial Vehicles by Geographic Region/Country (2014 & 2018): Annual Production ('000' Units) for Asia-Pacific, Canada, Europe,

Japan, Latin America, USA, and Rest of World(includes corresponding Graph/Chart)

Smart Homes to Drive Demand for Touchless Sensing
Touchless Biometrics Penetrate Smartphones Market
Strong Smartphone Sales: A Key Opportunity Indicator

Table 5. Global Market for Smartphones: Annual Shipments in Billion Units for the Years 2013, 2015 & 2018 (includes corresponding Graph/Chart)

3. INTRODUCTION TO TOUCHLESS SENSING TECHNOLOGY

Touchless Sensing – An Introduction
A Review of Select Touchless Sensing Technologies
Voice Recognition
Camera-based Technologies
Facial Recognition
Sensors
Motion Sensors
Wireless Technologies
Touchless Sensing – By Type of Application
Touchless Biometrics
Touchless Fingerprint
Iris Biometrics
Face Biometrics
Voice Biometrics
Touchless Sanitary Equipment
Touchless Dispensers
Touchless Faucet
Touchless Trashcans
Touchless Hand Dryers
Touchless Flushes

4. PRODUCT INTRODUCTIONS/INNOVATIONS

Sony Unveils Touchless Shutter Application
Morpho Launches MorphoWave Touchless Fingerprint Scanner
Argus Global to Demonstrate New 3D Touchless Fingerprint Readers
Elliptic Labs Launches Faster Touchless Gesture Technology for Mobile Devices

ATEK Launches New & Improved Touchless Sensing Wall Switch
Delta Launches Beverage Faucets and Soap Dispensers
OmniVision Launches OV6211 Shutter Sensor
ams Launches New Range of Intelligent Sensors
GestSure Launches New Kinect V2 Sensor
Infineon Technologies Launches 3D Image Sensor Chips for Touchless Gesture Recognition

5. RECENT INDUSTRY ACTIVITY

SiBEAM Partners with Google ATAP for Enhanced Touchless Gesture Sensing Technology
AER-DEC Integrates Sink by Sloan
Swisscom Chooses TBS' 3D-Touchless Systems for New Data Centre Building
Infineon and Google ATAP to Develop Sensing Solution
Oculus to Take Over Pebbles
Invensense to Take Over Movea and Trusted Positioning
Murata Inks Sales Partnership with Elliptic Labs
Apple Takes Over PrimeSense

6. FOCUS ON SELECT GLOBAL PLAYERS

Cognitec Systems GmbH (Germany)
CogniVue Corporation (Canada)
Crossmatch Technologies (US)
eyeSight Technologies Ltd. (Israel)
Intel Corporation (US)
IrisGuard Inc. (Jordan)
Microchip Technology, Inc. (US)
MorphoTrak LLC (US)
Movea SA (France)
Microsoft Corporation (US)
Pmdtechnologies GmbH (Germany)
Qualcomm, Inc. (US)
SoftKinetic (Belgium)

7. GLOBAL MARKET PERSPECTIVE

Table 6. World Recent Past, Current & Future Analysis for Touchless Sensing Technologies 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 2014 through 2020 (includes corresponding Graph/Chart)

Table 7. World Historic Review for Touchless Sensing Technologies 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 2009 through 2013 (includes corresponding Graph/Chart)

Table 8. World 12-Year Perspective for Touchless Sensing Technologies 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 2009, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market Analysis

Current & Future Analysis

Hygiene Concerns Spur Demand for Touch-free Sanitaryware

Government Initiatives Drive Adoption of Touchless Biometrics

DHS Tests Implementation of Iris Biometrics at US Airports

Iris Biometrics for Criminal Profiling

Hospitals Turn to Iris Biometrics for Right Patient

Product Launches

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 9. US Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 10. US Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes

corresponding Graph/Chart)

2. CANADA

A. Market Analysis

Market Overview

Product Launch

Key Player

B. Market Analytics

Table 11. Canadian Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 12. Canadian Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

3. JAPAN

A. Market Analysis

Current & Future Analysis

Product Launch

B. Market Analytics

Table 13. Japanese Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 14. Japanese Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Current & Future Analysis

Touchless Sensing Market Overview
Corporate Development
B. Market Analytics

Table 15. European Recent Past, Current & Future Analysis for Touchless Sensing Technologies 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 2014 through 2020 (includes corresponding Graph/Chart)

Table 16. European Historic Review for Touchless Sensing Technologies 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 2009 through 2013 (includes corresponding Graph/Chart)

Table 17. European 12-Year Perspective for Touchless Sensing Technologies by Geographic Region - Percentage Breakdown of Revenues for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2009, 2015 & 2020 (includes corresponding Graph/Chart)

4A. FRANCE

A. Market Analysis
Current and Future Analysis
Security Concerns Drive Growth in Touchless Biometrics Market
Product Launch
Corporate Development
Key Player
B. Market Analytics

Table 18. French Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 19. French Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4B. GERMANY

A. Market Analysis

Market Overview

Product Launches

Corporate Development

Key Players

B. Market Analytics

Table 20. German Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 21. German Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4C. ITALY

Market Analysis

Table 22. Italian Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 23. Italian Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

Market Analysis

Table 24. UK Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 25. UK Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4E. SPAIN

Market Analysis

Table 26. Spanish Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 27. Spanish Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4F. RUSSIA

Market Analysis

Table 28. Russian Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 29. Russian Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

4G. REST OF EUROPE

A. Market Analysis

Current & Future Analysis

Corporate Development

Softkinetic (Belgium) – A Key Player

B. Market Analytics

Table 30. Rest of Europe Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 31. Rest of Europe Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market Analysis

Market Overview

Asian Countries Contemplate Using Biometrics for Border Control

B. Market Analytics

Table 32. Asia-Pacific Recent Past, Current & Future Analysis for Touchless Sensing Technologies by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 33. Asia-Pacific Historic Review for Touchless Sensing Technologies by Geographic Region - China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

Table 34. Asia-Pacific 12-Year Perspective for Touchless Sensing Technologies by Geographic Region - Percentage Breakdown of Revenues for China, India and Rest of Asia-Pacific Markets for Years 2009, 2015 & 2020 (includes corresponding Graph/Chart)

5A. CHINA

A. Market Analysis

Current & Future Analysis

Product Launch

B. Market Analytics

Table 35. Chinese Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 36. Chinese Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

5B. INDIA

A. Market Analysis

Current & Future Analysis

UIDAI Project: Impetus to Touchless Biometric Sensing Market

B. Market Analytics

Table 37. Indian Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 38. Indian Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

5C. REST OF ASIA-PACIFIC

A. Market Analysis

Current & Future Analysis

Product Launch

Corporate Development

B. Market Analytics

Table 39. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 40. Rest of Asia-Pacific Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009

through 2013 (includes corresponding Graph/Chart)

6. LATIN AMERICA

A. Market Analysis

Current & Future Analysis

Review of Select Regional Markets

Brazil

Chile

B. Market Analytics

Table 41. Latin American Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 42. Latin American Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

7. REST OF WORLD

A. Market Analysis

Market Overview

Key Players

B. Market Analytics

Table 43. Rest of World Recent Past, Current & Future Analysis for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 44. Rest of World Historic Review for Touchless Sensing Technologies Market Analyzed with Annual Revenue Figures in US\$ Thousand for Years 2009 through 2013 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 103 (including Divisions/Subsidiaries - 107)

The United States (49)
Canada (3)
Japan (2)
Europe (32)
 France (3)
 Germany (7)
 The United Kingdom (8)
 Italy (2)
 Spain (2)
 Rest of Europe (10)
Asia-Pacific (Excluding Japan) (16)
Middle East (5)

I would like to order

Product name: Touchless Sensing: Market Research Report

Product link: <https://marketpublishers.com/r/TD003DE2E20EN.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/TD003DE2E20EN.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