

Collision Avoidance Sensors Market Analysis Report By Application (Parking Assistance, Forward Collision Warning System), By Technology (Radar, Camera, Ultrasound), And Segment Forecasts, 2018 - 2025

<https://marketpublishers.com/r/C1AECCCC9BCEN.html>

Date: July 2018

Pages: 110

Price: US\$ 4,950.00 (Single User License)

ID: C1AECCCC9BCEN

Abstracts

This report can be delivered to the clients within Immediate

The global collision avoidance sensors market size is expected to reach USD 18.97 billion by 2025, according to a new study conducted by Grand View Research, Inc., displaying a 21.2% CAGR during the forecast period. Integration of anti-collision systems in mass-market vehicles and updated safety ratings of agencies are expected to fuel market growth over the next few years.

Increasing consumer awareness and extensive focus on research and development by industry players have been major growth drivers for the market. Installation of collision avoidance systems allows vehicles to perform autonomous and semi-autonomous decision-making. Growing demand for vehicle security by consumers and government vehicle safety regulatory agencies is also expected to drive the growth of the collision avoidance sensors market.

Recent technological developments in sensors are focused on building highly sophisticated devices and augmenting their performance using various components of the vehicle. Anti-collision systems enable automotive OEMs to integrate additional intelligence to accomplish the goal of developing an autonomous vehicle.

Stringent regulatory and legal standards have mandated the addition of sensors to enhance safety features in vehicles. These are expected to drive demand for collision avoidance sensors over the forecast period. However, high cost of LiDAR-based

systems and long-range radars may cause a hindrance to market growth as manufacturers of low-priced cars may refrain from installing sensors to avoid increase overall price of vehicles.

Further key findings from the report suggest:

Integration of collision avoidance systems in vehicles is expected to help reduce the number of vehicle accidents due to human error; the latter are said to account for 90% of accidents, according to a 2014 UN Road Safety Collaboration study

The radar segment is projected to account for 44.5% of the global market by 2025. Declining prices of radars have led to their increased adoption by various Original Equipment Manufacturers (OEMs) of automobiles

Due to mandatory government regulations regarding incorporation of camera-based collision avoidance systems into vehicles, the camera segment is expected to witness high growth over the forecast period

The Forward Collision Warning System (FCWS) segment is expected to account for a major market share by 2025 as these systems help in significantly decreasing rear-end collisions or accidents

Over the forecast period, Europe is anticipated to retain its position as market leader in the adoption of collision avoidance sensors and systems and is anticipated to reach USD 5.80 billion by 2025

Key market participants include NXP Semiconductors, Continental AG, Delphi Automotive, Robert Bosch GmbH, and Murata Manufacturing Co., Ltd.

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Scope and Assumptions
- 1.3 List of Data Sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Collision Avoidance Sensors - Industry Snapshot & Key Buying Criteria, 2014 - 2025
- 2.2 Global Collision Avoidance Sensors Market, 2014 - 2025
 - 2.2.1 Global collision avoidance sensors market, by region, 2014 - 2025
 - 2.2.2 Global collision avoidance sensors market, by technology, 2014 - 2025
 - 2.2.3 Global collision avoidance sensors market, by application, 2014 - 2025

CHAPTER 3 COLLISION AVOIDANCE SENSORS INDUSTRY OUTLOOK

- 3.1 Market Segmentation & Scope
- 3.2 Market Size and Growth Prospects
- 3.3 Collision Avoidance Sensors - Value Chain Analysis
 - 3.3.1 Vendor landscape
 - 3.3.1.1 Collision avoidance sensor adoption roadmap by OEMs
- 3.4 Collision Avoidance Sensors Market Dynamics
 - 3.4.1 Market driver analysis
 - 3.4.1.1 Consumers' need for safety
 - 3.4.1.2 Enhanced automobile safety ratings
 - 3.4.1.3 Growing sales of luxury automobiles
 - 3.4.2 Market challenge analysis
 - 3.4.2.1 High cost of technology
- 3.5 Penetration and Growth Prospect Mapping
- 3.6 Collision Avoidance Sensors - Porter's Five Forces Analysis
- 3.7 Collision Avoidance Sensors - Company Market Share Analysis, 2017
- 3.8 Collision Avoidance Sensors - PESTEL Analysis

CHAPTER 4 COLLISION AVOIDANCE SENSORS TECHNOLOGY OUTLOOK

- 4.1 Collision Avoidance Sensors Market Share by Technology, 2017 & 2025
- 4.2 Radar

- 4.2.1 Radar collision avoidance sensors market, 2014 - 2025
- 4.3 Camera
 - 4.3.1 Camera collision avoidance sensors market, 2014 - 2025
- 4.4 Ultrasound
 - 4.4.1 Ultrasound collision avoidance sensors market, 2014 - 2025
- 4.5 LiDAR
 - 4.5.1 LiDAR collision avoidance sensors market, 2014 - 2025

CHAPTER 5 COLLISION AVOIDANCE SENSORS APPLICATION OUTLOOK

- 5.1 Collision Avoidance Sensors Market Share by Application, 2017 & 2025
- 5.2 Adaptive Cruise Control (ACC)
 - 5.2.1 Adaptive cruise control collision avoidance sensors market, 2014 - 2025
- 5.3 Blind Spot Detection (BSD)
 - 5.3.1 Blind spot detection collision avoidance sensors market, 2014 - 2025
- 5.4 Forward Collision Warning System (FCWS)
 - 5.4.1 Forward collision warning system collision avoidance sensors market, 2014 - 2025
- 5.5 Lane Departure Warning System (LDWS)
 - 5.5.1 Lane departure warning system collision avoidance sensors market, 2014 - 2025
- 5.6 Parking Assistance (PA)
 - 5.6.1 Parking assistance collision avoidance sensors market, 2014 - 2025
- 5.7 Others
 - 5.7.1 Other collision avoidance sensors market, 2014 - 2025

CHAPTER 6 COLLISION AVOIDANCE SENSORS REGIONAL OUTLOOK

- 6.1 Collision Avoidance Sensors Market Share by Region, 2017 & 2025
- 6.2 North America
 - 6.2.1 North America collision avoidance sensors market, 2014 - 2025
 - 6.2.2 North America collision avoidance sensors market, by technology, 2014 - 2025
 - 6.2.3 North America collision avoidance sensors market, by application, 2014 - 2025
 - 6.2.4 U.S.
 - 6.2.4.1 U.S. collision avoidance sensors market, 2014 - 2025
 - 6.2.4.2 U.S. collision avoidance sensors market, by technology, 2014 - 2025
 - 6.2.4.3 U.S. collision avoidance sensors market, by application, 2014 - 2025
 - 6.2.5 Canada
 - 6.2.5.1 Canada collision avoidance sensors market, 2014 - 2025
 - 6.2.5.2 Canada collision avoidance sensors market, by technology, 2014 - 2025

6.2.5.3 Canada collision avoidance sensors market, by application, 2014 - 2025

6.3 Europe

6.3.1 Europe collision avoidance sensors market, 2014 - 2025

6.3.2 Europe collision avoidance sensors market, by technology, 2014 - 2025

6.3.3 Europe collision avoidance sensors market, by application, 2014 - 2025

6.3.4 France

6.3.4.1 France collision avoidance sensors market, 2014 - 2025

6.3.4.2 France collision avoidance sensors market, by technology, 2014 - 2025

6.3.4.3 France collision avoidance sensors market, by application, 2014 - 2025

6.3.5 Germany

6.3.5.1 Germany collision avoidance sensors market, 2014 - 2025

6.3.5.2 Germany collision avoidance sensors market, by technology, 2014 - 2025

6.3.5.3 Germany collision avoidance sensors market, by application, 2014 - 2025

6.4 Asia Pacific

6.4.1 Asia Pacific collision avoidance sensors market, 2014 - 2025

6.4.2 Asia Pacific collision avoidance sensors market, by technology, 2014 - 2025

6.4.3 Asia Pacific collision avoidance sensors market, by application, 2014 - 2025

6.4.4 China

6.4.4.1 China collision avoidance sensors market, 2014 - 2025

6.4.4.2 China collision avoidance sensors market, by technology, 2014 - 2025

6.4.4.3 China collision avoidance sensors market, by application, 2014 - 2025

6.4.5 India

6.4.5.1 India collision avoidance sensors market, 2014 - 2025

6.4.5.2 India collision avoidance sensors market, by technology, 2014 - 2025

6.4.5.3 India collision avoidance sensors market, by application, 2014 - 2025

6.4.6 Japan

6.4.6.1 Japan collision avoidance sensors market, 2014 - 2025

6.4.6.2 Japan collision avoidance sensors market, by technology, 2014 - 2025

6.4.6.3 Japan collision avoidance sensors market, by application, 2014 - 2025

6.5 Latin America

6.5.1 Latin America collision avoidance sensors market, 2014 - 2025

6.5.2 Latin America collision avoidance sensors market, by technology, 2014 - 2025

6.5.3 Latin America collision avoidance sensors market, by application, 2014 - 2025

6.5.4 Brazil

6.5.4.1 Brazil collision avoidance sensors market, 2014 - 2025

6.5.4.2 Brazil collision avoidance sensors market, by technology, 2014 - 2025

6.5.4.3 Brazil collision avoidance sensors market, by application, 2014 - 2025

6.5.5 Mexico

6.5.5.1 Mexico collision avoidance sensors market, 2014 - 2025

6.5.5.2 Mexico collision avoidance sensors market, by technology, 2014 - 2025

6.5.5.3 Mexico collision avoidance sensors market, by application, 2014 - 2025

6.6 MEA

6.6.1 MEA collision avoidance sensors market, 2014 - 2025

6.6.2 MEA collision avoidance sensors market, by technology, 2014 - 2025

6.6.3 MEA collision avoidance sensors market, by application, 2014 - 2025

CHAPTER 7 COMPETITIVE LANDSCAPE

7.1 Continental AG

7.1.1 Company overview

7.1.2 Financial performance

7.1.3 Product benchmarking

7.1.4 Strategic initiatives

7.2 Delphi Automotive LLP

7.2.1 Company overview

7.2.2 Financial performance

7.2.3 Product benchmarking

7.2.4 Strategic initiatives

7.3 NXP Semiconductors

7.3.1 Company overview

7.3.2 Financial performance

7.3.3 Product benchmarking

7.3.4 Strategic initiatives

7.4 Infineon Technologies AG

7.4.1 Company overview

7.4.2 Financial performance

7.4.3 Product benchmarking

7.4.4 Strategic initiatives

7.5 Murata Manufacturing Co., Ltd.

7.5.1 Company overview

7.5.2 Financial performance

7.5.3 Product benchmarking

7.5.4 Strategic initiatives

7.6 Panasonic Corporation

7.6.1 Company overview

7.6.2 Financial performance

7.6.3 Product benchmarking

7.6.4 Strategic initiatives

7.7 Robert Bosch GmbH

7.7.1 Company overview

7.7.2 Financial performance

7.7.3 Product benchmarking

7.7.4 Strategic initiatives

7.8 Sensata Technologies, Inc.

7.8.1 Company overview

7.8.2 Financial performance

7.8.3 Product benchmarking

7.8.4 Strategic initiatives

7.9 Takata Corporation

7.9.1 Company overview

7.9.2 Financial performance

7.9.3 Product benchmarking

7.9.4 Strategic initiatives

7.10 Texas Instruments, Inc.

7.10.1 Company overview

7.10.2 Financial performance

7.10.3 Product benchmarking

7.10.4 Strategic initiatives

List Of Tables

LIST OF TABLES

- TABLE 1 Collision avoidance sensors - Industry snapshot & key buying criteria, 2014 - 2025
- TABLE 2 Global collision avoidance sensors market, 2014 - 2025 (USD million)
- TABLE 3 Global collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 4 Global collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)
- TABLE 5 Global collision avoidance sensors market, by application, 2014 - 2025 (USD Million)
- TABLE 6 Collision avoidance sensors - Key market driver impact
- TABLE 7 Luxury automobile sales statistics (units)
- TABLE 8 Collision avoidance sensors - Key market challenge impact
- TABLE 9 System technology and application overview
- TABLE 10 Radar collision avoidance sensors market, 2014 - 2025 (USD Million)
- TABLE 11 Radar collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 12 Camera collision avoidance sensors market, 2014 - 2025 (USD Million)
- TABLE 13 Camera collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 14 Ultrasound collision avoidance sensors market, 2014 - 2025 (USD Million)
- TABLE 15 Ultrasound collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 16 LiDAR collision avoidance sensors market, 2014 - 2025 (USD Million)
- TABLE 17 LiDAR collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 18 Adaptive cruise control collision avoidance sensors market, 2014 - 2025 (USD Million)
- TABLE 19 Adaptive cruise control collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 20 Blind spot detection collision avoidance sensors market, 2014 - 2025 (USD Million)
- TABLE 21 Blind spot detection collision avoidance sensors market, by region, 2014 - 2025 (USD Million)
- TABLE 22 Forward collision warning system collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 23 Forward collision warning system collision avoidance sensors market, by region, 2014 - 2025 (USD Million)

TABLE 24 Lane departure warning system collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 25 Lane departure warning system collision avoidance sensors market, by region, 2014 - 2025 (USD Million)

TABLE 26 Parking assistance collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 27 Parking assistance collision avoidance sensors market, by region, 2014 - 2025 (USD Million)

TABLE 28 Other collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 29 Other collision avoidance sensors market, by region, 2014 - 2025 (USD Million)

TABLE 30 North America collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 31 North America collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 32 North America collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 33 U.S. collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 34 U.S. collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 35 U.S. collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 36 Canada collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 37 Canada collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 38 Canada collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 39 Europe collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 40 Europe collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 41 Europe collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 42 France collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 43 France collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 44 France collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 45 Germany collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 46 Germany collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 47 Germany collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 48 Asia Pacific collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 49 Asia Pacific collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 50 Asia Pacific collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 51 China collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 52 China collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 53 China collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 54 India collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 55 India collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 56 India collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 57 Japan collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 58 Japan collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 59 Japan collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 60 Latin America collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 61 Latin America collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 62 Latin America collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 63 Brazil collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 64 Brazil collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 65 Brazil collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

TABLE 66 Mexico collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 67 Mexico collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 68 Mexico collision avoidance sensors market, by application, 2014 - 2025

(USD Million)

TABLE 69 MEA collision avoidance sensors market, 2014 - 2025 (USD Million)

TABLE 70 MEA collision avoidance sensors market, by technology, 2014 - 2025 (USD Million)

TABLE 71 MEA collision avoidance sensors market, by application, 2014 - 2025 (USD Million)

List Of Figures

LIST OF FIGURES

- FIG. 1 Market segmentation & scope
- FIG. 2 Global collision avoidance sensors market, 2014 - 2025 (USD Million)
- FIG. 3 Collision avoidance sensors - Value chain analysis
- FIG. 4 Collision avoidance sensors market dynamics
- FIG. 5 Road traffic deaths by type
- FIG. 6 Key opportunities prioritized
- FIG. 7 Collision avoidance sensors - Porter's five forces analysis
- FIG. 8 Collision avoidance sensors - Company market share analysis, 2017
- FIG. 9 Collision avoidance sensors - PESTEL analysis
- FIG. 10 Collision avoidance sensors market, by technology, 2017 & 2025
- FIG. 11 Collision avoidance sensors market, by application, 2017 & 2025
- FIG. 12 Collision avoidance sensors market, by region, 2017 & 2025
- FIG. 13 Collision avoidance sensors market - Regional takeaways
- FIG. 14 North America collision avoidance sensors market - Key takeaways
- FIG. 15 Europe collision avoidance sensors market - Key takeaways
- FIG. 16 Asia Pacific collision avoidance sensors market - Key takeaways
- FIG. 17 Latin America collision avoidance sensors market - Key takeaways
- FIG. 18 MEA collision avoidance sensors market - Key takeaways

I would like to order

Product name: Collision Avoidance Sensors Market Analysis Report By Application (Parking Assistance, Forward Collision Warning System), By Technology (Radar, Camera, Ultrasound), And Segment Forecasts, 2018 - 2025

Product link: <https://marketpublishers.com/r/C1AECCCC9BCEN.html>

Price: US\$ 4,950.00 (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/C1AECCCC9BCEN.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