

Driver Assistance Systems: Market Research Report

<https://marketpublishers.com/r/DBF4B737874EN.html>

Date: October 2010

Pages: 541

Price: US\$ 3,950.00 (Single User License)

ID: DBF4B737874EN

Abstracts

This report analyzes the Global market for Driver Assistance Systems in US\$ Million by the following Product Segments: Electronic Stability Control/Anti-Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS), Others (includes Blind Spot Detection (BSD), Intelligent Parking Assistance (IPA), Lane Departure Warning (LDW), & Night Vision System (NVS)).

Annual estimates and forecasts are provided for the period 2006 through 2015.

The report profiles 49 companies including many key and niche players such as Advics Co., Ltd., Continental AG, Delphi Corporation, DENSO Corporation, Haldex AB, Hella KGaA Hueck & Co., Nissan Motor Company, Nisshinbo Holdings Inc., Robert Bosch GmbH, TRW Automotive Holdings Corporation, Autocruise SAS, Valeo SA, Visteon Corporation, VOLVO TRUCKS, WABCO Vehicle Control Systems, and Meritor WABCO.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.

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
Electronic Stability Control/Anti-Lock Braking System (ESC/ABS)
Adaptive Cruise Control (ACC) Systems
Tyre Pressure Monitoring System (TPMS)
Others
Blind Spot Detection (BSD)
Intelligent Parking Assistance (IPA)
Lane Departure Warning (LDW)
Night Vision System (NVS)

II. EXECUTIVE SUMMARY

1.INDUSTRY OVERVIEW

A Curtain Raiser
Current Market Scenario: A Review
The Automotive Industry Faithfully Mirrors the Recession
Implications of the Recession for Driver Assistance Systems
The World Beyond the Recession
Outlook
The State of Technology
Safety Issues Being Taken to Higher Levels!
Venture Capital Funding Patterns Indicate a Turnaround
Seeing Beyond the Decline of the Automotive Industry?
Noteworthy Market Trends & Issues
Government Safety Initiatives to Drive Demand for DAS
The Need for Adaptive Cruise Control Systems: a Business Case
ACC Systems Servicing: A Pesky Issue...
Automakers Passing the 'Liability' Buck to Drivers
ABS Elbowed Aside by ESCs...
DAS Market Leading to Growth in Automotive Semiconductor Industry

FPGAs Poised to Become the Order of the Day
Transducers and Radars Fuel Demand For Parking Assistance Systems
Glitches in Technology: an Issue that Requires Immediate Ironing
Lack of Standardized Testing & Evaluation: an Immediate Road Block
Gauging the Impact of a High Cost Structure

2.REGIONAL MARKET OVERVIEW

2A.THE UNITED STATES

A. MARKET ANALYSIS

Outlook
Key Statistical Findings

Table 1. Blind Spot Detection Systems Market in North America (2009): Percentage Share Breakdown of Unit Sales by Technology Type (includes corresponding Graph/Chart)

Table 2. Blind Spot Detection Systems Market in North America (2009): Percentage Share Breakdown of Revenue by Technology Type (includes corresponding Graph/Chart)

Table 3. Lane Departure Warning Systems Market in North America (2009): Percentage Share Breakdown of Unit Shipments by Technology Type

Table 4. Lane Departure Warning Systems Market in North America (2009): Percentage Share Breakdown of Revenue by Technology Type

Table 5. Night Vision Systems Market in North America (2009): Percentage Share Breakdown of Unit Shipments by Technology Type

Table 6. Night Vision Systems Market in North America (2009): Percentage Share Breakdown of Revenue by Technology Type

Table 7. Park Assist Systems Market in North America (2009): Percentage Share Breakdown of Unit Shipments by Technology Type (includes corresponding Graph/Chart)

Table 8. Park Assist Systems Market in North America (2009): Percentage Share Breakdown of Revenue by Technology Type (includes corresponding Graph/Chart)

B. MARKET ANALYTICS

Table 9. US Recent Past, Current & Future Analysis for Driver Assistance Systems (DAS) by Product Segment –Electronics Stability Control/Anti-Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS) and Other Markets Independently Analyzed with Annual Sales in US\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 10. US 10-Year Perspective for Driver Assistance Systems (DAS) by Product Segment – Percentage Breakdown of Dollar Sales for Electronics Stability Control/Anti-Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS) and Other Markets for Years 2006, 2009 & 2015 (includes corresponding Graph/Chart)

2B.EUROPE

A. MARKET ANALYSIS

Outlook

Market Dynamics

Map-enabled DAS Holds the Key for Future Automotive Safety Systems

Challenges Confronting Map-enabled DAS

Promising Low Speed Driver Assistance Systems (LSDAS) Market

Key Statistical Finding

Table 11. Low-speed Driver Assistance Systems (LSDAS) Market in Europe (2008): Percentage Share Breakdown of Revenues by Market Segment (includes corresponding Graph/Chart)

B. MARKET ANALYTICS

Table 12. European Recent Past, Current & Future Analysis for Driver Assistance Systems (DAS) by Product Segment –Electronics Stability Control/Anti- Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS) and Other Markets Independently Analyzed with Annual Sales in Us\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 13. European 10-Year Perspective for Driver Assistance Systems (DAS) by Product Segment - Percentage Breakdown of Dollar Sales for Electronics Stability Control/Anti-Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS) and Other Markets for Years 2006, 2009 & 2015 (includes corresponding Graph/Chart)

2C.REST OF WORLD

A. MARKET ANALYSIS

Outlook

Focus on Select Regional Markets

Taiwan

Japan

B. MARKET ANALYTICS

Table 14. Rest of World Recent Past, Current & Future Analysis for Driver Assistance Systems (DAS) by Product Segment –Electronics Stability Control/Anti-Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS) and Other Markets Independently Analyzed with Annual Sales in Us\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 15. Rest of World 10-Year Perspective for Driver Assistance Systems (DAS) by Product Segment - Percentage Breakdown of Dollar Sales for Electronics Stability Control/Anti-Lock Braking System (ESC/ABS), Adaptive Cruise Control (ACC), Tyre Pressure Monitoring System (TPMS) and Other Markets for Years 2006, 2009 & 2015 (includes corresponding Graph/Chart)

3.PRODUCT OVERVIEW

Vehicle Safety Systems: A Primer

Driver Assistance Systems (DAS): A Definition

Functions of a DAS

Types of Driver Assistance Systems (DAS)

Electronic Stability Control/Anti-Lock Braking System (ESC/ABS)

Electronic Stability Control (ESC)

Electronic Stability Program (ESP)

Anti-Lock Braking System (ABS)

Advantages of ABS Over Conventional Braking

Adaptive Cruise Control (ACC) Systems

Operating Mechanism of an ACC System

Benefits of an ACC System

Second Generation ACC Systems

Tyre Pressure Monitoring System (TPMS)

Direct TPMS

Indirect TPMS

Other Driver Assistance Systems (DASS)

Blind Spot Detection (BSD)

Intelligent Parking Assistance (IPA)

Lane Departure Warning (LDW)

Mechanism of a Lane Departure Warning (LDW) System

Night Vision System (NVS)

4.RECENT INDUSTRY ACTIVITY

NAVTEQ, dSPACE Ally for Driver Assistance Systems

Intermap Technologies Completes Joint Development agreement with Visteon

Mobileye Enters into Agreement with Dealers' Edge

Robert Bosch Engineering & Business Solutions to Expand Operations

Bendix Took Over Vorad System

Delphi Enters into Collaboration with Volvo

TRW Automotive Holdings Establishes Driver Assist Systems Engineering Center

ISuppli Acquired Telematics Research Group

Cobra Automotive Technologies and Mobileye Technologies Ink Distribution Agreement

Hella KGaA Hueck & Co. Enters into Joint Venture with Mando

Bendix Commercial Vehicles Systems Acquired SmarTire Systems

Ficosa International Forms a Joint Venture with Omron

Magna Electronics Acquires Allied Transportation Technology and Zhangjiagang Suxing Electronics

Hella to Supply Driver Assistance Systems for US Automakers

Continental Acquires Automotive Products Business from Siemens

5.PRODUCT LAUNCHES/INNOVATIONS

Volvo to Introduce XC60 2.0 Turbo PowerShift Model with Advance Safety Features

Mobileye Launches Vehicle Camera to Prevent Mishaps

Volkswagen Launches ACC Equipped Phaeton Model in Korea

GM Daewoo Unveils 2011 Lacetti Premiere Models

Kenworth Adds LDW System to T660/T700/T800 Models

Nissan Introduces MOD Technology with Audio/ Video Notifications

Ford Launches New Mondeo Model in Moscow

Honda Siel Launches New Honda Civic with Cruise Control System

Nissan Unleashes Advanced Infiniti M Series in Korea

BMW Rolls Out New BMW 5 Series

HSCI Introduces Honda CR-V with Cruise Control

Mercedes-Benz India Unveils Technically Advanced E-Class Model

TRW Introduces Lane Keeping Assist System

Hyundai to Launch Equus

Nissan to Introduce Cornering Assistance System

Voith Turbo Introduces New Driver Assistance System

omniVision Technologies Unveils AutoVision oV9715

NAVTEQ Introduces Map and Positioning Engine Development Platform

Volvo Trucks Unveils Volvo Enhanced Cruise

AI & Ed's Autosound Rolls out Mobileye accident avoidance System

Bendix Commercial Vehicles Introduces Wingman ACB

Digital Design Launches Xilinx Automotive Optical Flow

WABCO Holdings to Introduce New Driver Assistance Systems

Mercedes-Benz Introduces Advanced Driver Assistance Systems

Fujitsu Laboratories Introduces Video-Processing Technology

WABCO to Unveil OnGuardMax™

Hella Develops a Lane-Change Warning System

STMicroelectronics and Mobileye Launch EyeQ2 SoC 120-MHz processor

OmniVision Launches Megapixel CMOS Image Sensor

Sensata Launches CMOS-based Avocet Image Sensor

Freightliner and MeritorWABCO Introduces OnGuard Collision Safety System

KOSTAL Launches Compact Front View Camera

BMW and Continental Launch New Driver Assistance system

WABCO to Launch New Technologies for Driver Assistance Systems

Arlon Unveils CLTE-AT

Xilinx Launches Xilinx® Automotive Spartan™-3A and Spartan-3A DSP FPGAs

6.FOCUS ON SELECT GLOBAL PLAYERS

Advics Co., Ltd (Japan)
Continental AG (Germany)
Delphi Corporation (USA)
DENSO Corporation (Japan)
Haldex AB (Sweden)
Hella KGaA Hueck & Co. (Germany)
Nissan Motor Company (Japan)
Nisshinbo Holdings Inc (Japan)
Robert Bosch GmbH (Germany)
TRW Automotive Holdings Corporation (USA)
Autocruise SAS (France)
Valeo SA (France)
Visteon Corporation (USA)
VOLVO TRUCKS (Indonesia)
WABCO Vehicle Control Systems (Belgium)
Meritor WABCO (USA)

7.GLOBAL MARKET PERSPECTIVE

Table 16. World Recent Past, Current & Future Analysis for Driver Assistance Systems (DAS) by Geographic Region – US, Europe And Rest of World Markets Independently Analyzed by Annual Sales Figures in US\$ Million for Years 2006 through 2015 (Includes Corresponding Graph/Chart)

Table 17. World 10-Year Perspective for Driver Assistance Systems (DAS) by Geographic Region - Percentage Breakdown of Dollar Sales for US, Europe and Rest of World Markets for Years 2006, 2010 & 2015 (Includes Corresponding Graph/Chart)

Analytics by Product Segment

Table 18. World Recent Past, Current & Future Analysis for Electronic Stability Control/Anti-Lock Braking System (ESC/ABS) by Geographic Region – US, Europe and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Million for

Years 2006 through 2015 (Includes Corresponding Graph/Chart)

Table 19. World 10-Year Perspective for Electronic Stability Control/Anti-Lock Braking System (ESC/ABS) by Geographic Region - Percentage Breakdown of Dollar Sales for US, Europe and Rest of World Markets for Years 2006, 2010 & 2015 (includes corresponding Graph/Chart)

Table 20. World Recent Past, Current & Future Analysis for Adaptive Cruise Control (ACC) by Geographic Region – US, Europe and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 21. World 10-Year Perspective for Adaptive Cruise Control (ACC) by Geographic Region – Percentage Breakdown of Dollar Sales for US, Europe and Rest of World Markets for Years 2006, 2010 & 2015 (includes corresponding Graph/Chart)

Table 22. World Recent Past, Current & Future Analysis for Tyre Pressure Monitoring System (TPMS) by Geographic Region – US, Europe and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 23. World 10-Year Perspective for Tyre Pressure Monitoring System (TPMS) by Geographic Region - Percentage Breakdown of Dollar Sales for US, Europe and Rest of World Markets for Years 2006, 2010 & 2015 (includes corresponding Graph/Chart)

Table 24. World Recent Past, Current & Future Analysis for Other Driver Assistance Systems (DAS) by Geographic Region – US, Europe and Rest of World Markets Independently Analyzed with Annual Sales in US\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 25. World 10-Year Perspective for Other Driver Assistance Systems (DAS) by Geographic Region - Percentage Breakdown of Dollar Sales for US, Europe and Rest of World Markets for Years 2006, 2010 & 2015 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 49 (including Divisions/Subsidiaries - 67)

Region/Country Players

The United States 29

Japan
Europe
France
Germany
The United Kingdom
Italy
Spain
Rest of Europe
Asia-Pacific (Excluding Japan)

I would like to order

Product name: Driver Assistance Systems: Market Research Report

Product link: <https://marketpublishers.com/r/DBF4B737874EN.html>

Price: US\$ 3,950.00 (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/DBF4B737874EN.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