

Automotive RADAR Market by Range Type (Long Range RADAR and Short & Medium Range RADAR), Application (ACC, AEB, FCWS, BSD, and Intelligent Parking Assistance), Frequency (2X-GHz and 7X-GHz), Vehicle Type, and Region - Global Forecast to 2021

<https://marketpublishers.com/r/A54BE17C51BEN.html>

Date: May 2017

Pages: 190

Price: US\$ 5,650.00 (Single User License)

ID: A54BE17C51BEN

Abstracts

“Increasing stringency of the safety regulations, and growing focus towards autonomous & semi-autonomous cars to fuel the demand for automotive RADAR market”

The global automotive RADAR market is projected to reach a market size of USD 6.61 billion by 2021, growing at a CAGR of 23.81% from 2016 to 2021. The major factors driving the growth of this market include introduction of driver assistance technologies as per government regulations in passenger as well as commercial vehicles and rising awareness about vehicle and pedestrian safety. The rising trend of autonomous and semi-autonomous vehicles, which use automotive RADAR systems, is also an important factor to be considered.

“The 7X-GHz frequency band RADAR sensor is estimated to be the fastest growing segment”

The 7X-GHz frequency band was estimated to be the fastest growing segment of automotive RADAR market in 2016. The 7X-GHz systems are expected to drive the future RADAR growth as the majority of industry players are currently working on developing more 7X-GHz systems at a lower cost. The European Commission is also in favor of legalizing the use of 79–GHz RADAR sensor for automotive ADAS applications.

“The Mid-Priced Passenger Vehicle is estimated to be the fastest growing segment”

The mid-priced passenger vehicle type is estimated to hold the largest market size during the forecast period. This is because most of the mid-priced passenger vehicles are being incorporated with the automotive RADAR based ADAS applications, which were initially equipped in luxury vehicles only. The reduced cost of components, along with increased participation of major players across the eco-system, has also helped to reduce the overall cost of RADAR based ADAS features. This has favored the implementation of these features into the mid-priced passenger vehicles at an affordable price.

“Europe is estimated to be the largest region in terms of volume”

In 2016, the largest regional market for the automotive RADAR is the European market, which holds a majority of the market share of the global automotive RADAR market by value and volume. The European Commission is also in favor of legalizing the use of RADAR based ADAS applications to increase the vehicle safety. According to the ETSI standard (EN 302 264), the use of short range vehicular RADAR operating in the 77 to 81 GHz frequency range is legalized and do not have any time constraint, neither operative restriction burdens. This has geared-up the ADAS applications in the European region, ultimately impacting the automotive RADAR market.

The study contains insights provided by various industry experts, ranging from RADAR manufacturers to automobile OEMs and various automotive associations. The break-up of the primaries is as follows:

By Company Type: Tier I–67%, Tier II–25% and Tier III–8%

By Designation: C Level–25%, D Level–42% and Manager level–33%

By Region: North America-34%, Europe-25%, Asia-Pacific-33%, RoW-8%

Players Profiled in the Report are:

Analog Devices Inc.

Autoliv Inc.

Continental AG

Delphi Automotive PLC

Denso Corporation

Hella KGaA Hueck & Co

Infineon Technologies AG

NXP Semiconductors N.V.

Robert Bosch GmbH

Texas Instruments Inc.

Valeo S.A.

ZF Friedrichshafen AG

Research Coverage

The report covers the global automotive RADAR market based on range type (long range radar, short and medium range radar), application (ACC, AEB, FCWS, BSD, Intelligent Parking Assistance, and Others), by frequency (24-GHz and 7X-GHz), by vehicle type, and region (North America, Europe, Asia-Pacific, and RoW).

Reasons to Buy the Report:

The report provides insights about the following points:

Market Penetration: Comprehensive information about automotive RADAR offered by the top players in the industry

Regulatory Framework: Detailed insights into stringent safety norms leading to application of RADAR based ADAS features, and the effect of the regulations on the market

Market Development: Comprehensive information about various RADAR technology trends. The report analyzes the markets for various automotive

RADAR technologies across the countries

Market Diversification: Exhaustive information about emerging technologies, recent developments, and investments in the global automotive RADAR market

Competitive Assessment: In-depth assessment of strategies, services, and manufacturing capabilities of leading players in the global automotive RADAR market

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
- 2.2 SECONDARY DATA
- 2.3 PRIMARY DATA
 - 2.3.1 SAMPLING TECHNIQUES & DATA COLLECTION METHODS
 - 2.3.2 PRIMARY PARTICIPANTS
- 2.4 DATA TRIANGULATION
- 2.5 FACTOR ANALYSIS
 - 2.5.1 INTRODUCTION
 - 2.5.2 DEMAND SIDE ANALYSIS
 - 2.5.2.1 Increasing traffic congestions due to rising urbanization around the globe
 - 2.5.2.2 Infrastructure roadways
 - 2.5.3 SUPPLY SIDE ANALYSIS
 - 2.5.3.1 OEMs focus on safety, convenience, and comfort systems in vehicle
 - 2.5.3.2 Technological advancements in vehicle safety and security
- 2.6 MARKET SIZE ESTIMATION
- 2.7 ASSUMPTIONS

3 EXECUTIVE SUMMARY

- 3.1 INTRODUCTION
 - 3.1.1 AUTOMOTIVE RADAR MARKET, BY REGION
 - 3.1.2 AUTOMOTIVE RADAR MARKET, BY ADAS APPLICATION
 - 3.1.3 AUTOMOTIVE RADAR MARKET, BY RANGE

3.1.4 AUTOMOTIVE RADAR MARKET, BY FREQUENCY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN THE GLOBAL AUTOMOTIVE RADAR MARKET

4.2 GLOBAL AUTOMOTIVE RADAR MARKET, BY REGION, 2016-2021

4.3 GLOBAL AUTOMOTIVE RADAR MARKET SHARE, BY VEHICLE TYPE, 2016 VS 2021

4.4 GLOBAL AUTOMOTIVE RADAR MARKET GROWTH RATE, BY COUNTRY, 2016-2021

4.5 GLOBAL AUTOMOTIVE RADAR MARKET, BY FREQUENCY, 2016–2021 (USD BILLION)

4.6 GLOBAL AUTOMOTIVE RADAR MARKET: LIFE CYCLE ANALYSIS

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 AUTOMOTIVE RADAR MARKET, BY RANGE TYPE

5.2.2 AUTOMOTIVE RADAR MARKET, BY FREQUENCY

5.2.3 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE

5.2.4 AUTOMOTIVE RADAR MARKET, BY APPLICATION

5.2.5 AUTOMOTIVE RADAR MARKET, BY REGION

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Rising government regulations for vehicle safety and increase in adoption of ADAS technology by OEMs

5.3.1.2 Increased demand for premium segment vehicles

5.3.1.3 Increase in number of RADAR sensors used per vehicle

5.3.2 RESTRAINTS

5.3.2.1 Usage of RADAR detectors considered as illegal in some countries

5.3.2.2 Increase in the overall cost of the vehicle

5.3.3 OPPORTUNITIES

5.3.3.1 Rising interest & funding towards Autonomous Cars

5.3.3.2 Low penetration in developing markets

5.3.3.3 Sensor fusion

5.3.4 CHALLENGES

5.3.4.1 Electromagnetic jamming and Interface issue

5.3.4.2 Maintaining the balance between cost and quality

5.3.4.3 Threat of security

5.4 PORTERS FIVE FORCES ANALYSIS

5.4.1 COMPETITIVE RIVALRY

5.4.2 THREAT OF SUBSTITUTES

5.4.3 BARGAINING POWER OF BUYER

5.4.4 BARGAINING POWER OF SUPPLIERS

5.4.5 THREAT OF NEW ENTRANT

5.5 SUPPLY CHAIN

6 TECHNOLOGICAL OVERVIEW

6.1 INTRODUCTION

6.1.1 TECHNOLOGICAL EVOLUTION OF RADAR IN AUTOMOTIVE INDUSTRY

6.2 ROLE OF RADAR TECHNOLOGIES IN AUTOMOTIVE INDUSTRY

6.2.1 SHORT RANGE RADAR (SRR)

6.2.2 MID RANGE RADAR (MRR)

6.2.3 LONG RANGE RADAR (LRR)

7 AUTOMOTIVE RADAR MARKET, BY APPLICATION

7.1 INTRODUCTION

7.2 AUTOMOTIVE RADAR MARKET, BY ADAS APPLICATIONS

7.2.1 RADAR BASED ADAPTIVE CRUISE CONTROL (ACC) MARKET, BY REGION

7.2.2 RADAR BASED AUTONOMOUS EMERGENCY BRAKING (AEB) MARKET, BY REGION

7.2.3 RADAR BASED BLIND SPOT DETECTION (BSD) MARKET, BY REGION

7.2.4 RADAR BASED FORWARD COLLISION WARNING SYSTEM MARKET, BY REGION

7.2.5 RADAR BASED INTELLIGENT PARK ASSIST MARKET, BY REGION

7.2.6 RADAR BASED OTHER ADAS APPLICATIONS MARKET, BY REGION

8 AUTOMOTIVE RADAR MARKET, BY FREQUENCY TYPE

8.1 INTRODUCTION

8.2 AUTOMOTIVE RADAR MARKET, BY FREQUENCY TYPE

8.2.1 2X-GHZ SYSTEMS: AUTOMOTIVE RADAR MARKET, BY REGION

8.2.2 7X-GHZ: AUTOMOTIVE RADAR MARKET, BY REGION

9 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE

9.1 INTRODUCTION

9.2 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE

9.2.1 COMMERCIAL VEHICLES

9.2.2 ECONOMIC PASSENGER VEHICLE

9.2.3 LUXURY PASSENGER VEHICLE

9.2.4 MID-PRICE PASSENGER VEHICLE

10 AUTOMOTIVE RADAR MARKET, BY REGION

10.1 INTRODUCTION

10.2 EUROPE: AUTOMOTIVE RADAR MARKET, BY COUNTRY & RANGE

10.2.1 EUROPE: AUTOMOTIVE RADAR MARKET, BY COUNTRY

10.2.2 EUROPE: AUTOMOTIVE RADAR MARKET, BY RANGE

10.2.2.1 France: Automotive RADAR market, by range

10.2.2.2 Germany: Automotive RADAR market, by range

10.2.2.3 Italy: Automotive RADAR market, by range

10.2.2.4 U.K.: Automotive RADAR market, by range

10.2.2.5 Rest of Europe: Automotive RADAR market, by range

10.3 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY COUNTRY & RANGE

10.3.1 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY COUNTRY

10.3.2 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY RANGE

10.3.2.1 Canada: Automotive RADAR market, by range

10.3.2.2 Mexico: Automotive RADAR market, by range

10.3.2.3 The U.S. : Automotive RADAR market, by range

10.4 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY COUNTRY & RANGE

10.4.1 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY COUNTRY

10.4.2 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY RANGE

10.4.2.1 China: Automotive RADAR market, by range

10.4.2.2 Japan: Automotive RADAR market, by range

10.4.2.3 India: Automotive RADAR market, by range

10.4.2.4 South Korea: Automotive RADAR market, by range

10.4.2.5 Rest of Asia-Pacific: Automotive RADAR market, by range

10.5 ROW: AUTOMOTIVE RADAR MARKET, BY COUNTRY & RANGE

10.5.1 ROW: AUTOMOTIVE RADAR MARKET, BY COUNTRY

10.5.2 ROW: AUTOMOTIVE RADAR MARKET, BY COUNTRY

10.5.2.1 Russia: Automotive RADAR market, by range

10.5.2.2 Brazil: Automotive RADAR market, by range

10.5.2.3 RoW Others: Automotive RADAR market, by range

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.1.1 VANGUARDS

11.1.2 INNOVATORS

11.1.3 DYNAMIC

11.1.4 EMERGING

11.2 VENDOR DIVE MATRIX

11.3 COMPETITIVE BENCHMARKING

11.3.1 PRODUCT OFFERINGS, (FOR 12 COMPANIES)

11.3.2 BUSINESS STRATEGY (FOR 12 COMPANIES)

*Top 12 companies analyzed for this study are – Continental AG, Robert Bosch GmbH, Delphi Automotive PLC, Denso Corporation, Infineon Technologies AG, NXP Semiconductors N.V., Valeo S.A., Analog Devices Inc., Hella Kgaa Hueck & Co, Texas Instruments Inc., Autoliv Inc., ZF Friedrichshafen AG

12 COMPANY PROFILES

(Business Overview, Products offered & Services strategies, Key Insights, Recent Developments, MnM View)*

12.1 CONTINENTAL AG

12.2 ROBERT BOSCH GMBH

12.3 DELPHI AUTOMOTIVE PLC

12.4 DENSO CORPORATION

12.5 INFINEON TECHNOLOGIES AG

12.6 NXP SEMICONDUCTORS N.V.

12.7 VALEO S.A.

12.8 ANALOG DEVICES, INC

12.9 HELLA KGAA HUECK & CO.

12.10 TEXAS INSTRUMENTS, INC.

12.11 AUTOLIV, INC.

12.12 ZF FRIEDRICHSHAFEN AG

*Details on Business Overview, Products offered & Services strategies, Key Insights, Recent Developments, MnM View might not be captured in case of unlisted companies.

13 APPENDIX

13.1 KEY INSIGHTS OF INDUSTRY EXPERTS

13.2 DISCUSSION GUIDE

13.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.4 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

13.5 AVAILABLE CUSTOMIZATIONS

13.5.1 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE, BY COUNTRY

13.5.2 COMPANY INFORMATION

13.5.2.1 Profiling of additional market players (Up to 3)

13.6 RELATED REPORTS

13.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 AVERAGE AMERICAN DOLLAR EXCHANGE RATES (PER 1 USD)

Table 2 AUTOMOTIVE APPLICATION FEATURES RELATED TO SAFETY, COMFORT, AND ASSISTANCE

Table 3 AUTOMOTIVE RADAR MARKET, BY TYPE

Table 4 AUTOMOTIVE RADAR MARKET, BY FREQUENCY TYPE

Table 5 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE

Table 6 AUTOMOTIVE RADAR MARKET, BY APPLICATION

Table 7 REGULATIONS FOR DRIVER ASSISTANCE SYSTEMS

Table 8 LUXURY PASSENGER CAR SALES OF KEY MANUFACTURERS IN CHINA, INDIA, GERMANY & U.K., 2014–2015

Table 9 EXPECTED NUMBER OF RADAR/LIDAR SENSORS IN AUTOMATED VEHICLES

Table 10 AUTONOMOUS DRIVING ATTEMPTS AMONG AUTOMAKERS

Table 11 PORTERS FIVE FORCES ANALYSIS

Table 12 AUTOMOTIVE RADAR: TECHNICAL SPECIFICATION FOR MAJOR ADAS APPLICATIONS

Table 13 AUTOMOTIVE RADAR BASED ADAS MARKET, BY APPLICATION, 2014–2021 (MILLION UNITS)

Table 14 ADAPTIVE CRUISE CONTROL (ACC): AUTOMOTIVE RADAR BASED ADAS MARKET, BY REGION, 2014–2021 (MILLION UNITS)

Table 15 AUTONOMOUS EMERGENCY BREAKING (AEB): AUTOMOTIVE RADAR BASED ADAS MARKET, BY REGION, 2014–2021 (MILLION UNITS)

Table 16 BLIND SPOT DETECTION (BSD): AUTOMOTIVE RADAR BASED ADAS MARKET SIZE, BY REGION, 2014–2021 (MILLION UNITS)

Table 17 FORWARD COLLISION WARNING SYSTEM (FCWS): AUTOMOTIVE RADAR BASED ADAS MARKET SIZE, BY REGION, 2014–2021 (MILLION UNITS)

Table 18 INTELLIGENT PARKING ASSISTANCE (IPA): AUTOMOTIVE RADAR BASED ADAS MARKET SIZE, BY REGION, 2014–2021 ('000 UNITS)

Table 19 OTHERS: AUTOMOTIVE RADAR BASED ADAS MARKET SIZE, BY REGION, 2014–2021 ('000 UNITS)

Table 20 AUTOMOTIVE RADAR SPECIFICATIONS, BY RANGE & FREQUENCY

Table 21 AUTOMOTIVE RADAR: TECHNICAL SPECIFICATION FOR MAJOR ADAS APPLICATIONS

Table 22 AUTOMOTIVE RADAR MARKET, BY FREQUENCY TYPE, 2014–2021 (MILLION UNITS)

Table 23 AUTOMOTIVE RADAR MARKET, BY FREQUENCY TYPE, 2014–2021 (USD BILLION)

Table 24 2X-GHZ SYSTEMS: AUTOMOTIVE RADAR MARKET, BY REGION, 2014–2021 (MILLION UNITS)

Table 25 2X-GHZ SYSTEMS: AUTOMOTIVE RADAR MARKET, BY REGION, 2014–2021 (USD BILLION)

Table 26 7X-GHZ: AUTOMOTIVE RADAR MARKET SIZE, BY REGION, 2014–2021 (MILLION UNITS)

Table 27 7X-GHZ: AUTOMOTIVE RADAR MARKET, BY REGION, 2014–2021 (USD BILLION)

Table 28 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE, 2014–2021 (MILLION UNITS)

Table 29 COMMERCIAL VEHICLES: AUTOMOTIVE RADAR MARKET SIZE, BY REGION, 2014–2021 ('000 UNITS)

Table 30 ECONOMIC PASSENGER VEHICLE: AUTOMOTIVE RADAR MARKET, BY REGION, 2014–2021 (MILLION UNITS)

Table 31 LUXURY PASSENGER VEHICLE: AUTOMOTIVE RADAR MARKET SIZE, BY REGION, 2014–2021 ('000 UNITS)

Table 32 MID-PRICED PASSENGER VEHICLE: AUTOMOTIVE RADAR MARKET SIZE, BY REGION, 2014–2021 (MILLION UNITS)

Table 33 GLOBAL AUTOMOTIVE RADAR MARKET, BY REGION, 2016-2022 (MILLION UNITS)

Table 34 GLOBAL AUTOMOTIVE RADAR MARKET, BY REGION, 2016-2022 (USD BILLION)

Table 35 GLOBAL AUTOMOTIVE RADAR MARKET, BY RANGE TYPE, 2016-2022 (MILLION UNITS)

Table 36 GLOBAL AUTOMOTIVE RADAR MARKET, BY RANGE TYPE, 2016-2022 (USD BILLION)

Table 37 EUROPE: AUTOMOTIVE RADAR MARKET, BY COUNTRY, 2014-2021 (MILLION UNITS)

Table 38 EUROPE: AUTOMOTIVE RADAR MARKET, BY COUNTRY, 2014-2021 (USD MILLION)

Table 39 EUROPE: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (MILLION UNITS)

Table 40 EUROPE: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (USD BILLION)

Table 41 FRANCE: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 ('000 UNITS)

Table 42 FRANCE: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (USD

MILLION)

Table 43 GERMANY: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021
(MILLION UNITS)

Table 44 GERMANY : AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (USD
BILLION)

Table 45 ITALY: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 ('000
UNITS)

Table 46 ITALY: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (USD
MILLION)

Table 47 UK: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 ('000 UNITS)

Table 48 UK: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (USD
MILLION)

Table 49 REST OF EUROPE: AUTOMOTIVE RADAR MARKET, BY RANGE,
2014-2021 ('000 UNITS)

Table 50 REST OF EUROPE: AUTOMOTIVE RADAR MARKET, BY RANGE,
2014-2021 (USD MILLION)

Table 51 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY COUNTRY,
2014-2021 (MILLION UNITS)

Table 52 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY COUNTRY,
2014-2021 (USD MILLION)

Table 53 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY RANGE,
2014-2021 (MILLION UNITS)

Table 54 NORTH AMERICA: AUTOMOTIVE RADAR MARKET, BY RANGE,
2014-2021 (USD MILLION)

Table 55 CANADA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 ('000
UNITS)

Table 56 CANADA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014-2021 (USD
MILLION)

Table 57 MEXICO: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 ('000
UNITS)

Table 58 MEXICO: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 59 U.S.: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (MILLION
UNITS)

Table 60 U.S.: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 61 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY COUNTRY, 2014–2021
(‘000 UNITS)

Table 62 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY COUNTRY, 2014–2021

(USD MILLION)

Table 63 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021
(MILLION UNITS)

Table 64 ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021
(USD MILLION)

Table 65 CHINA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 ('000
UNITS)

Table 66 CHINA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 67 JAPAN: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (MILLION
UNITS)

Table 68 JAPAN: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 69 INDIA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 ('000
UNITS)

Table 70 INDIA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 71 SOUTH KOREA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021
('000 UNITS)

Table 72 SOUTH KOREA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021
(USD MILLION)

Table 73 REST OF ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY RANGE,
2014–2021 ('000 UNITS)

Table 74 REST OF ASIA-PACIFIC: AUTOMOTIVE RADAR MARKET, BY RANGE,
2014–2021 (USD MILLION)

Table 75 ROW: AUTOMOTIVE RADAR MARKET, BY COUNTRY, 2014–2021 ('000
UNITS)

Table 76 ROW: AUTOMOTIVE RADAR MARKET, BY COUNTRY, 2014–2021 (USD
MILLION)

Table 77 ROW: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 ('000
UNITS)

Table 78 ROW: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 79 RUSSIA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 ('000
UNITS)

Table 80 RUSSIA: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD
MILLION)

Table 81 BRAZIL: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 ('000
UNITS)

Table 82 BRAZIL: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD MILLION)

Table 83 ROW OTHERS: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021, ('000 UNITS)

Table 84 ROW OTHERS: AUTOMOTIVE RADAR MARKET, BY RANGE, 2014–2021 (USD MILLION)

List Of Figures

LIST OF FIGURES

Figure 1 AUTOMOTIVE RADAR MARKET: SEGMENTATIONS COVERED

Figure 2 RESEARCH DESIGN

Figure 3 RESEARCH METHODOLOGY MODEL

Figure 4 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, & REGION

Figure 5 AVERAGE TRAFFIC CONGESTION, 2015

Figure 6 URBAN POPULATION, 2005 VS 2015

Figure 7 GLOBAL AUTOMOTIVE RADAR MARKET, BY SYSTEM: BOTTOM-UP APPROACH

Figure 8 GLOBAL AUTOMOTIVE RADAR MARKET, BY SYSTEM: TOP-DOWN APPROACH

Figure 9 EUROPE IS ESTIMATED TO BE THE LARGEST MARKET FOR AUTOMOTIVE RADAR MARKET, 2016 VS 2021 (USD BILLION)

Figure 10 BLIND SPOT DETECTION AND ADAPTIVE CRUISE CONTROL ARE AMONGST THE LARGEST MARKETS IN ADAS, 2016 VS 2021 (MILLION UNITS)

Figure 11 SHORT AND MEDIUM RANGE RADAR (S&MRR) DOMINATE THE AUTOMOTIVE RADAR MARKET, 2016 VS 2021 (USD BILLION)

Figure 12 7X-GHZ FREQUENCY IS THE MOST DOMINATING MARKET FOR AUTOMOTIVE RADAR SYSTEM, 2016 VS 2021 (USD BILLION)

Figure 13 GLOBAL AUTOMOTIVE RADAR MARKET

Figure 14 EUROPE TO HOLD THE LARGEST MARKET SHARE FOR AUTOMOTIVE RADAR MARKET, BY VALUE

Figure 15 MID-PRICED PASSENGER VEHICLE TO HOLD THE LARGEST MARKET SHARE FOR GLOBAL AUTOMOTIVE RADAR MARKET, BY VOLUME

Figure 16 U.S. TO HOLD THE FASTEST GROWING POSITION IN AUTOMOTIVE RADAR MARKET, BY VALUE

Figure 17 7X-GHZ TO HOLD THE LARGEST SIZE, IN THE GLOBAL AUTOMOTIVE RADAR MARKET (USD BILLION)

Figure 18 AUTOMOTIVE RADAR MARKET ANALYSIS BY ADAS APPLICATION

Figure 19 MARKET SEGMENTATION

Figure 20 AUTOMOTIVE RADAR MARKET, BY RANGE TYPE

Figure 21 AUTOMOTIVE RADAR MARKET, BY FREQUENCY TYPE

Figure 22 AUTOMOTIVE RADAR MARKET, BY VEHICLE TYPE

Figure 23 AUTOMOTIVE RADAR MARKET, BY APPLICATION

Figure 24 AUTOMOTIVE RADAR MARKET, BY REGION

Figure 25 MARKET DYNAMICS

Figure 26 ROAD TRAFFIC DEATH RATES, PER 1,00,000 POPULATION, 2015

Figure 27 COUNTRIES WHERE PRIVATE & COMMERCIAL USE OF RADAR DETECTORS AND SENSORS ARE BANNED

Figure 28 LEVELS OF AUTONOMOUS DRIVING

Figure 29 SENSOR FUSION

Figure 30 PORTER'S FIVE FORCES ANALYSIS

Figure 31 COMPETITIVE RIVALRY IS HIGH IN GLOBAL RADAR MARKET

Figure 32 LARGE NUMBER OF PLAYERS LED TO HIGH DEGREE OF COMPETITION IN RADAR MARKET

Figure 33 NO AVAILABILITY OF DIRECT SUBSTITUTE AND SWITCHING COST MAKES THREAT OF SUBSTITUTE AS LOW

Figure 34 MEDIUM BARGAINING POWER OF BUYER BECAUSE OF THE LARGE NUMBER OF SUPPLIERS

Figure 35 PRESENCE OF LARGE NUMBER OF SUPPLIERS MAKES BARGAINING POWER OF SUPPLIERS MEDIUM

Figure 36 PRESENCE OF WELL-ESTABLISHED AUTOMOTIVE RADAR MANUFACTURERS AND EMERGING ELECTRONIC COMPONENT MANUFACTURERS MAKES THREAT OF NEW ENTRANTS HIGH

Figure 37 SUPPLY CHAIN ANALYSIS

Figure 38 TECHNOLOGICAL EVOLUTION OF RADAR IN THE AUTOMOTIVE INDUSTRY

Figure 39 RADAR BASED APPLICATIONS IN THE AUTOMOTIVE INDUSTRY

Figure 40 BLIND SPOT DETECTION (BSD) TO HOLD THE LARGEST SIZE, BY VOLUME, 2016

Figure 41 AUTOMOTIVE RADAR RANGE AND SPECIFICATION

Figure 42 AUTOMOTIVE RADAR MARKET OUTLOOK BY VALUE, BY REGION

Figure 43 EUROPE: AUTOMOTIVE RADAR MARKET SNAPSHOT

Figure 44 NORTH AMERICA: AUTOMOTIVE RADAR MARKET SNAPSHOT

Figure 45 DIVE CHART

Figure 46 CONTINENTAL AG: COMPANY SNAPSHOT

Figure 47 CONTINENTAL AG: PRODUCT OFFERING SCORECARD

Figure 48 CONTINENTAL AG: BUSINESS STRATEGY SCORECARD

Figure 49 ROBERT BOSCH GMBH: COMPANY SNAPSHOT

Figure 50 ROBERT BOSCH GMBH: PRODUCT OFFERING SCORECARD

Figure 51 ROBERT BOSCH GMBH: BUSINESS STRATEGY SCORECARD

Figure 52 DELPHI AUTOMOTIVE PLC: COMPANY SNAPSHOT

Figure 53 DELPHI AUTOMOTIVE PLC: PRODUCT OFFERING SCORECARD

Figure 54 DELPHI AUTOMOTIVE PLC: BUSINESS STRATEGY SCORECARD

Figure 55 DENSO CORPORATION: COMPANY SNAPSHOT
Figure 56 DENSO CORPORATION: PRODUCT OFFERING SCORECARD
Figure 57 DENSO CORPORATION: BUSINESS STRATEGY SCORECARD
Figure 58 INFINEON TECHNOLOGIES AG: COMPANY SNAPSHOT
Figure 59 INFINEON TECHNOLOGIES AG: PRODUCT OFFERING SCORECARD
Figure 60 INFINEON TECHNOLOGIES AG: BUSINESS STRATEGY SCORECARD
Figure 61 NXP SEMICONDUCTORS N.V.: COMPANY SNAPSHOT
Figure 62 NXP SEMICONDUCTORS N.V.: PRODUCT OFFERING SCORECARD
Figure 63 NXP SEMICONDUCTORS N.V.: BUSINESS STRATEGY SCORECARD
Figure 64 VALEO S.A.: COMPANY SNAPSHOT
Figure 65 VALEO S.A.: PRODUCT OFFERING SCORECARD
Figure 66 VALEO S.A.: BUSINESS STRATEGY SCORECARD
Figure 67 ANALOG DEVICES, INC. : COMPANY SNAPSHOT
Figure 68 ANALOG DEVICES, INC.: PRODUCT OFFERING SCORECARD
Figure 69 ANALOG DEVICES, INC.: BUSINESS STRATEGY SCORECARD
Figure 70 HELLA KGAA HUECK & CO: COMPANY SNAPSHOT
Figure 71 HELLA KGAA HUECK & CO: PRODUCT OFFERING SCORECARD
Figure 72 HELLA KGAA HUECK & CO: BUSINESS STRATEGY SCORECARD
Figure 73 TEXAS INSTRUMENTS, INC.: COMPANY SNAPSHOT
Figure 74 TEXAS INSTRUMENTS, INC.: PRODUCT OFFERING SCORECARD
Figure 75 TEXAS INSTRUMENTS, INC.: BUSINESS STRATEGY SCORECARD
Figure 76 AUTOLIV, INC.: COMPANY SNAPSHOT
Figure 77 AUTOLIV, INC.: PRODUCT OFFERING SCORECARD
Figure 78 AUTOLIV, INC.: BUSINESS STRATEGY SCORECARD
Figure 79 ZF FRIEDRICHSHAFEN AG: COMPANY SNAPSHOT
Figure 80 ZF FRIEDRICHSHAFEN AG: PRODUCT OFFERING SCORECARD
Figure 81 ZF FRIEDRICHSHAFEN AG: BUSINESS STRATEGY SCORECARD

I would like to order

Product name: Automotive RADAR Market by Range Type (Long Range RADAR and Short & Medium Range RADAR), Application (ACC, AEB, FCWS, BSD, and Intelligent Parking Assistance), Frequency (2X-GHz and 7X-GHz), Vehicle Type, and Region - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/A54BE17C51BEN.html>

Price: US\$ 5,650.00 (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/A54BE17C51BEN.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