

Multi Camera System Market for Automotive by Function (Parking, and ADAS), Display Type (2D, and 3D), Level of Autonomous Driving (Level1, Level 2 & 3, and Level 4), Vehicle Type (Passenger, and Commercial Vehicle), and Region - Global Forecast to 2025

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Abstracts

“Growth in premium vehicle segment and rise in trend of integrating additional safety features in the vehicle to fuel the demand for multi camera system market”

The multi camera system market for automotive is estimated to be USD 700.7 million in 2017 and is projected to grow at a CAGR of 19.13% during the forecast period (2018–2025), to reach a market size of USD 2,843.4 million by 2025. The majority of consumers are now demanding advanced safety functions and technologies, which largely influence their purchase decisions. The rising trend of premium vehicles equipped with advanced driver assistance systems (ADAS) is also an important factor to be considered for the growth of multi camera system market. However, the high cost of the multi camera system is expected to inhibit the growth of the multi camera system market.

“The ADAS function is estimated to be the fastest growing segment of the multi camera system market in terms of volume”

The ADAS function is estimated to be the fastest growing segment, by volume, of the multi camera system market for automotive from 2017 to 2025. The growth of this segment can be attributed to the rise in trend of integrating additional safety features in vehicles.

The multi camera system helps in the functioning of ADAS features such as object detection, blind spot detection, and traffic sign recognition among others. Thus, the growth of ADAS functions is expected to fuel the multi camera system market. Furthermore, the emerging markets such as China and India from the Asia Pacific region are expected to witness steady growth of multi camera system market due to gradual development in infrastructure.

“The Level 1 Vehicle is the largest segment of multi camera system market”

The Level 1 vehicle segment is estimated to hold the largest market share of the multi camera system market during the forecast period. The market presence of Level 2&3 and Level 4 vehicles is negligible during the forecast period. Hence, the Level 1 vehicle segment is the largest contributor in the multi camera system market. The market for Level 2&3 and Level 4 vehicles is expected to increase at a gradual rate.

“North America is the largest multi camera system market for automotive in terms of volume and value”

North America is estimated to be the largest regional market for multi camera system market for automotive in 2017. With one of the largest markets for premium segment vehicles, North America is expected to dominate the multi camera system market for automotive during the forecast period. In addition, heavy investments in research and development in the automotive sector by OEMs in the North American region create opportunities for technological innovations. Also, the demand for additional safety features in mid variant vehicles is increasing exponentially in the region. These factors are expected to fuel the growth of the multi camera system market in the North American region.

BREAKDOWN OF PRIMARIES

The study contains insights provided by various industry experts, ranging from equipment suppliers to Tier-1 companies and OEMs. The break-up of the primaries is as follows:

By Company Type: Tier-1–60%, Tier-2–25%, and Tier 3–15%

By Designation: C level–42%, D level–28%, Manager Level–30%

By Region: North America–15%, Europe–56%, Asia Pacific–22%, RoW–7%

The report provides detailed profiles of the following companies:

Bosch (Germany)

Continental (Germany)

Delphi (UK)

Valeo (France)

Clarion (Japan)

NXP Semiconductors (Netherlands)

OmniVision Technologies (US)

Ambarella (US)

Xilinx (US)

Texas Instruments (US)

Research Coverage

The multi camera system market for automotive has been segmented by function (parking and ADAS), display type (2D and 3D), level of autonomous driving (level 1, level 2 & 3, and level 4), vehicle type (passenger and commercial vehicle) and region (Asia Pacific, Europe, North America, and the Rest of the World). The market has been projected, in terms of volume ('000 units) and value (USD million).

Reasons to Buy the Report:

The report provides insights into the following points:

Market Penetration: The report provides comprehensive information on multi

camera system market and the top players in the industry.

Regulatory Framework: The report offers detailed insights into norms leading to the application of advanced driver assistance systems (ADAS) such as autonomous emergency braking (AEB) and the effect of the regulations on the market.

Market Development: The report provides comprehensive information on various technologies of multi camera system. The report analyzes the markets for various multi camera system technologies across different countries.

Market Diversification: The report provides exhaustive information about emerging technologies, recent developments, and investments in the global multi camera system market.

Competitive Assessment: The report offers an in-depth assessment of strategies, services, and manufacturing capabilities of leading players in the global multi camera system 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

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE MULTI CAMERA SYSTEM MARKET
- 4.2 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

- 4.3 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY DISPLAY
- 4.4 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY LEVEL OF AUTONOMOUS DRIVING
- 4.5 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

- 5.2.1.1 Increased emphasis of Insurance companies on safety features
- 5.2.1.2 Rise in trend of integrating additional safety features in the vehicles
- 5.2.1.3 Increase in the demand for premium segment vehicles

5.2.2 RESTRAINTS

- 5.2.2.1 High cost of multi camera system

5.2.3 OPPORTUNITIES

- 5.2.3.1 Growing trend of Autonomous and Semi-autonomous vehicles
- 5.2.3.2 High growth potential in emerging markets
- 5.2.3.3 Legislation mandating installation of advanced driver assist technology

5.2.4 CHALLENGES

- 5.2.4.1 Constraints in real-time implementation

5.3 MACRO INDICATOR ANALYSIS

5.3.1 INTRODUCTION

- 5.3.1.1 Premium segment luxury passenger cars and commercial vehicles sales
- 5.3.1.2 GDP (USD billion)
- 5.3.1.3 GNP per capita, Atlas Method (USD)
- 5.3.1.4 GDP per capita PPP (USD)

5.3.2 MACRO INDICATORS INFLUENCING THE MULTI CAMERA SYSTEM MARKET FOR TOP 3 COUNTRIES

- 5.3.2.1 US
- 5.3.2.2 Germany
- 5.3.2.3 Spain

6 TECHNOLOGICAL OVERVIEW

6.1 INTRODUCTION

6.2 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

6.2.1 BASIC FUNCTION OF MULTI CAMERA SYSTEM

- 6.2.1.1 Geometric alignment

6.2.1.2 Photometric alignment

6.2.1.3 Surround view synthesis

6.2.1.4 3D view generation

6.2.2 PROCESS FLOW OF MULTI CAMERA SYSTEM

6.2.3 SUPERIORITY OF CAMERA OVER OTHER AUTOMOTIVE SENSORS

7 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY FUNCTION

7.1 INTRODUCTION

7.2 PARKING: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

7.3 ADAS: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

8 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY DISPLAY

8.1 INTRODUCTION

8.2 2 DIMENSIONAL: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

8.3 3 DIMENSIONAL: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

9 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY LEVEL OF AUTONOMOUS DRIVING

9.1 INTRODUCTION

9.2 LEVEL 1: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

9.3 LEVEL 2 & 3: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

9.4 LEVEL 4: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION

10 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION AND VEHICLE TYPE

10.1 INTRODUCTION

10.2 ASIA PACIFIC

10.2.1 CHINA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.2.2 INDIA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.2.3 JAPAN: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.2.4 SOUTH KOREA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.2.5 REST OF ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET FOR

AUTOMOTIVE

10.3 EUROPE

10.3.1 FRANCE: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.3.2 GERMANY: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.3.3 ITALY: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.3.4 UK: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.3.5 SPAIN: MULTI CAMERA SYSTEM FOR AUTOMOTIVE

10.3.6 THE REST OF EUROPE: MULTI CAMERA SYSTEM MARKET FOR
AUTOMOTIVE

10.4 NORTH AMERICA

10.4.1 CANADA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.4.2 MEXICO: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.4.3 US: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.5 REST OF THE WORLD (ROW)

10.5.1 BRAZIL: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.5.2 RUSSIA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

10.5.3 SOUTH AFRICA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE

11 COMPETITIVE LANDSCAPE

11.1 MARKET RANKING ANALYSIS

11.2 COMPETITIVE SITUATION & TRENDS

11.2.1 NEW PRODUCT DEVELOPMENTS

11.2.2 MERGERS & ACQUISITIONS

11.2.3 PARTNERSHIPS/SUPPLY CONTRACTS/COLLABORATIONS/JOINT
VENTURES, 2012-2017

11.2.4 EXPANSIONS, 2013-2017

12 COMPANY PROFILES

(Business overview, Services offered, Strength of service portfolio, Business strategy excellence, Recent developments)*

12.1 ROBERT BOSCH

12.2 CONTINENTAL AG

12.3 DELPHI

12.4 DENSO

12.5 MAGNA

12.6 SAMVARDHANA

- 12.7 VALEO
- 12.8 CLARION
- 12.9 TEXAS
- 12.10 NXP SEMICONDUCTORS
- 12.11 AMBARELLA
- 12.12 XILINX
- 12.13 OMNIVISION

*Details on Business overview, Services offered, Strength of service portfolio, Business strategy excellence, Recent developments might not be captured in case of unlisted companies.

13 APPENDIX

- 13.1 KEY INSIGHTS BY INDUSTRY EXPERTS
- 13.2 DISCUSSION GUIDE
- 13.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 13.4 AVAILABLE CUSTOMIZATIONS
 - 13.4.1 COUNTRY-LEVEL ANALYSIS OF MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY DISPLAY TYPE
 - 13.4.2 COMPANY INFORMATION
 - 13.4.2.1 Profiling of additional market players (UP to 3)
- 13.5 RELATED REPORTS
- 13.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

TABLE 1 CURRENCY EXCHANGE RATES (PER 1 USD)

TABLE 2 AUTOMOTIVE APPLICATION FEATURES RELATED TO SAFETY, COMFORT, & ASSISTANCE

TABLE 3 RISE IN AUTOMOTIVE ADAS APPLICATIONS, (MILLION UNITS)

TABLE 4 LUXURY VEHICLE SALES OF KEY MANUFACTURERS, INDIA, 2013–2015

TABLE 5 LUXURY VEHICLE SALES OF KEY MANUFACTURERS, CHINA, 2013–2015

TABLE 6 AUTONOMOUS DRIVING ATTEMPTS AMONG VEHICLE MANUFACTURERS

TABLE 7 REGULATIONS FOR DRIVER ASSISTANCE SYSTEMS

TABLE 8 SUPERIORITY OF CAMERA OVER OTHER AUTOMOTIVE SENSORS

TABLE 9 MULTI CAMERA SYSTEM MARKET, BY FUNCTION TYPE, 2017–2025 ('000 UNITS)

TABLE 10 MULTI CAMERA SYSTEM MARKET FOR PARKING FUNCTION, BY REGION, 2017–2025 ('000 UNITS)

TABLE 11 MULTI CAMERA SYSTEM MARKET FOR ADAS FUNCTION, BY REGION, 2017–2025 ('000 UNITS)

TABLE 12 MULTI CAMERA SYSTEM MARKET, BY DISPLAY TYPE, 2017–2025 ('000 UNITS)

TABLE 13 MULTI CAMERA SYSTEM MARKET, BY DISPLAY TYPE, 2017–2025 (USD MILLION)

TABLE 14 MULTI CAMERA SYSTEM MARKET FOR 2D, BY REGION, 2017–2025 ('000 UNITS)

TABLE 15 MULTI CAMERA SYSTEM MARKET FOR 2D, BY REGION, 2017–2025 (USD MILLION)

TABLE 16 MULTI CAMERA SYSTEM MARKET FOR 3D, BY REGION, 2017–2025 ('000 UNITS)

TABLE 17 MULTI CAMERA SYSTEM MARKET FOR 3D, BY REGION, 2017–2025 (USD MILLION)

TABLE 18 MULTI CAMERA SYSTEM MARKET, BY LEVEL OF AUTONOMOUS DRIVING, 2017–2025 ('000 UNITS)

TABLE 19 MULTI CAMERA SYSTEM MARKET, BY LEVEL OF AUTONOMOUS DRIVING, 2017–2025 (USD MILLION)

TABLE 20 MULTI CAMERA SYSTEM MARKET FOR LEVEL 1, BY REGION, 2017–2025 ('000 UNITS)

TABLE 21 MULTI CAMERA SYSTEM MARKET FOR LEVEL 1, BY REGION,

2017–2025 (USD MILLION)

TABLE 22 MULTI CAMERA SYSTEM MARKET FOR LEVEL 2 & 3, BY REGION,
2017–2025 ('000 UNITS)

TABLE 23 MULTI CAMERA SYSTEM MARKET FOR LEVEL 2 & 3, BY REGION,
2017–2025 (USD MILLION)

TABLE 24 MULTI CAMERA SYSTEM MARKET FOR LEVEL 4, BY REGION,
2017–2025 ('000 UNITS)

TABLE 25 MULTI CAMERA SYSTEM MARKET FOR LEVEL 4, BY REGION,
2017–2025 (USD MILLION)

TABLE 26 MULTI CAMERA SYSTEM MARKET, BY REGION, 2017–2025 ('000
UNITS)

TABLE 27 MULTI CAMERA SYSTEM MARKET, BY REGION, 2017–2025 (USD
MILLION)

TABLE 28 MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000
UNITS)

TABLE 29 MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD
MILLION)

TABLE 30 ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET, BY COUNTRY,
2017–2025 ('000 UNITS)

TABLE 31 ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET, BY COUNTRY,
2017–2025 (USD MILLION)

TABLE 32 ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 ('000 UNITS)

TABLE 33 ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 (USD MILLION)

TABLE 34 CHINA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 ('000 UNITS)

TABLE 35 CHINA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 (USD MILLION)

TABLE 36 INDIA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 ('000 UNITS)

TABLE 37 INDIA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 (USD MILLION)

TABLE 38 JAPAN: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 ('000 UNITS)

TABLE 39 JAPAN: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 (USD MILLION)

TABLE 40 SOUTH KOREA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE,
2017–2025 ('000 UNITS)

TABLE 41 SOUTH KOREA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 42 REST OF ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 43 REST OF ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 44 EUROPE: MULTI CAMERA SYSTEM MARKET, BY COUNTRY, 2017–2025 ('000 UNITS)

TABLE 45 EUROPE: MULTI CAMERA SYSTEM MARKET, BY COUNTRY, 2017–2025 (USD MILLION)

TABLE 46 EUROPE: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 47 EUROPE: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 48 FRANCE: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 49 FRANCE: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 50 GERMANY: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 51 GERMANY: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 52 ITALY: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 53 ITALY: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 54 UK: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 55 UK: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 56 SPAIN: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 57 SPAIN: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 58 REST OF EUROPE: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 59 REST OF EUROPE: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 60 NORTH AMERICA: MULTI CAMERA SYSTEM MARKET, BY COUNTRY,

2017–2025 ('000 UNITS)

TABLE 61 NORTH AMERICA: MULTI CAMERA SYSTEM MARKET, BY COUNTRY, 2017–2025 (USD MILLION)

TABLE 62 NORTH AMERICA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 63 NORTH AMERICA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 64 CANADA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 65 CANADA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 66 MEXICO: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 67 MEXICO: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 68 US: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 69 US: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 70 REST OF THE WORLD (ROW): MULTI CAMERA SYSTEM MARKET, BY COUNTRY, 2017–2025 ('000 UNITS)

TABLE 71 REST OF THE WORLD (ROW): MULTI CAMERA SYSTEM MARKET, BY COUNTRY, 2017–2025 (USD MILLION)

TABLE 72 REST OF THE WORLD (ROW): MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 73 REST OF THE WORLD (ROW): MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 74 BRAZIL: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 75 BRAZIL: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 76 RUSSIA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 77 RUSSIA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 78 SOUTH AFRICA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 ('000 UNITS)

TABLE 79 SOUTH AFRICA: MULTI CAMERA SYSTEM MARKET, BY VEHICLE TYPE, 2017–2025 (USD MILLION)

TABLE 80 NEW PRODUCT DEVELOPMENT, 2012–2017

TABLE 81 MERGERS & ACQUISITIONS, 2015–2017

TABLE 82 PARTNERSHIPS/SUPPLY CONTRACTS/COLLABORATIONS/JOINT
VENTURES, 2012–2017

TABLE 83 EXPANSIONS, 2013–2017

List Of Figures

LIST OF FIGURES

FIGURE 1 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE:
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 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE: BOTTOM-UP
APPROACH

FIGURE 8 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE: TOP-DOWN
APPROACH

FIGURE 9 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION,
2020 VS 2025 (USD MILLION)

FIGURE 10 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY VEHICLE
TYPE, 2020 VS 2025

FIGURE 11 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY DISPLAY
TYPE, 2020 VS 2025

FIGURE 12 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY FUNCTION,
2020 VS 2025

FIGURE 13 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY LEVEL OF
AUTONOMOUS DRIVING, 2020 VS 2025

FIGURE 14 INCREASE IN TREND OF INTEGRATING ADDITIONAL SAFETY
FEATURES IS ANTICIPATED TO BOOST THE GROWTH OF MULTI CAMERA
SYSTEM MARKET FROM 2020 TO 2025

FIGURE 15 NORTH AMERICA IS ESTIMATED TO HOLD THE LARGEST MARKET
SHARE IN 2020 FOR THE MULTI CAMERA SYSTEM MARKET

FIGURE 16 2D TYPE DISPLAY IS EXPECTED TO HAVE THE LARGEST MARKET
SIZE, 2020 VS 2025

FIGURE 17 LEVEL 1 VEHICLE SEGMENT OF MULTI CAMERA SYSTEM MARKET IS
EXPECTED TO HAVE THE LARGEST MARKET SIZE, 2020 VS 2025

FIGURE 18 NORTH AMERICA IS EXPECTED TO HOLD THE LARGEST MARKET
SHARE, 2020 VS 2025

FIGURE 19 MULTI CAMERA SYSTEM MARKET DYNAMICS

FIGURE 20 ROAD TRAFFIC DEATH RATES, PER 1,00,000 POPULATION, 2015

FIGURE 21 PROCESSES INVOLVED IN REAL-TIME IMPLEMENTATION

FIGURE 22 US: RISING GNI PER CAPITA EXPECTED TO DRIVE THE SALES OF LUXURY VEHICLES DURING THE FORECAST PERIOD

FIGURE 23 GERMANY: RISING GDP IS LIKELY TO BE THE MOST CRUCIAL FACTOR THAT IS LIKELY TO HAVE HIGH IMPACT

FIGURE 24 SPAIN: GROSS NATIONAL INCOME IS EXPECTED TO PLAY A CRUCIAL ROLE IN BOOSTING THE AUTOMOTIVE MARKET

FIGURE 25 TECHNOLOGICAL EVOLUTION OF MULTI CAMERA SYSTEM FOR AUTOMOTIVE

FIGURE 26 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY FUNCTION, 2020 VS 2025 ('000 UNITS)

FIGURE 27 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY DISPLAY TYPE, 2020 VS 2025 ('000 UNITS)

FIGURE 28 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY LEVEL OF AUTONOMOUS DRIVING, 2020 VS 2025 ('000 UNITS)

FIGURE 29 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY REGION, 2020 VS 2025 (USD MILLION)

FIGURE 30 MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY VEHICLE TYPE

FIGURE 31 ASIA PACIFIC: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE SNAPSHOT

FIGURE 32 EUROPE: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE, BY COUNTRY, 2020 VS 2025 (USD MILLION)

FIGURE 33 NORTH AMERICA: MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE SNAPSHOT

FIGURE 34 REST OF THE WORLD (ROW): MULTI CAMERA SYSTEM MARKET FOR AUTOMOTIVE SNAPSHOT

FIGURE 35 MULTI CAMERA SYSTEM MARKET RANKING: 2017

FIGURE 36 ROBERT BOSCH: COMPANY SNAPSHOT

FIGURE 37 CONTINENTAL AG: COMPANY SNAPSHOT

FIGURE 38 DELPHI: COMPANY SNAPSHOT

FIGURE 39 DENSO: COMPANY SNAPSHOT

FIGURE 40 MAGNA: COMPANY SNAPSHOT

FIGURE 41 SAMVARDHANA: COMPANY SNAPSHOT

FIGURE 42 VALEO: COMPANY SNAPSHOT

FIGURE 43 CLARION: COMPANY SNAPSHOT

FIGURE 44 TEXAS: COMPANY SNAPSHOT

FIGURE 45 NXP SEMICONDUCTORS: COMPANY SNAPSHOT

FIGURE 46 AMBARELLA, INC.: COMPANY SNAPSHOT

FIGURE 47 XILINX: COMPANY SNAPSHOT

FIGURE 48 OMNIVISION: COMPANY SNAPSHOT

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