

Asia Pacific Automotive Augmented Reality and Virtual Reality Market 2022-2032 by Technology (AR, VR), Offering (Hardware, Software, Services), Device Type (AR Devices, VR Devices), Application, Vehicle Type (Passenger, Commercial), Driving Autonomy (Conventional, Autonomous & Semi-autonomous), and Country: Trend Forecast and Growth Opportunity

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Abstracts

Asia Pacific automotive augmented reality and virtual reality market will grow by 32.7% annually with a total addressable market cap of \$56.97 billion over 2023-2032, driven by the rising adoption of advanced technologies in the automotive industry, the growing advancement in connected vehicles and immersive technologies, and the cost-effective benefits associated with the use of AR & VR.

Highlighted with 40 tables and 68 figures, this 139-page report “Asia Pacific Automotive Augmented Reality and Virtual Reality Market 2022-2032 by Technology (AR, VR), Offering (Hardware, Software, Services), Device Type (AR Devices, VR Devices), Application, Vehicle Type (Passenger, Commercial), Driving Autonomy (Conventional, Autonomous & Semi-autonomous), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific automotive augmented reality and virtual reality market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific automotive augmented reality and virtual reality market in every aspect of the classification from perspectives of Technology, Offering, Device Type, Application, Vehicle Type, Driving Autonomy, and Country.

Based on Technology, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Augmented Reality (AR)

Marker-based Augmented Reality (Passive Marker, Active Marker)

Markerless Augmented Reality (Model-based Tracking, Image-based Processing)

Other Technologies

Virtual Reality (VR)

Nonimmersive Technology

Semi-Immersive Technology

Fully Immersive Technology

Based on Offering, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Sensors

Semiconductor Component

Displays and Projectors

Position Trackers

Cameras

Other Hardware

Software

Software Developer Kits

Imaging Solutions

Enterprise Solutions

Content Platforms

Other Software

Services

Cloud Services

System Integration

Consulting

Other Services

By Device Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

AR Devices

Head-Mounted Display (HMD)

Head-Up Display (HUD)

Smart Glasses

Handheld Devices and Others

VR Devices

Head-Mounted Display (HMD)

Gesture-Tracking Device

Projector & Display Wall

By Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Manufacturing & Supply

Research & Development

Marketing & Sales

Aftermarket Service

Support Functions & Training

Other Applications

By Vehicle Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Passenger Vehicles

Commercial Vehicles

By Driving Autonomy, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Conventional Driving

Autonomous & Semi-autonomous Driving

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Technology, Application, and Vehicle Type over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

AutoVRse

Continental AG

DENSO

Garmin

General Motors (GM)

HARMAN International

HTC Corporation

Hyundai Motor Company

Jaguar

Mercedes-Benz

Microsoft Corporation

Nippon Seiki

NVIDIA

Panasonic

Robert Bosch GmbH

Unity Technologies ApS

Visteon Corporation

Volkswagen AG

WayRay AG

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY TECHNOLOGY

- 3.1 Market Overview by Technology
- 3.2 Augmented Reality (AR)
 - 3.2.1 Marker-based AR
 - 3.2.2 Markerless AR
 - 3.2.3 Other Technologies
- 3.3 Virtual Reality (VR)
 - 3.3.1 Nonimmersive Technology
 - 3.3.2 Semi-Immersive Technology
 - 3.3.3 Fully Immersive Technology

4 SEGMENTATION OF ASIA PACIFIC MARKET BY OFFERING

4.1 Market Overview by Offering

4.2 Hardware

4.2.1 Sensors

4.2.2 Semiconductor Component

4.2.3 Displays and Projectors

4.2.4 Position Trackers

4.2.5 Cameras

4.2.6 Other Hardware

4.3 Software

4.4 Services

5 SEGMENTATION OF ASIA PACIFIC MARKET BY DEVICE TYPE

5.1 Market Overview by Device Type

5.2 AR Devices

5.2.1 Head-Mounted Display (HMD)

5.2.2 Head-Up Display (HUD)

5.2.3 Smart Glasses

5.2.4 Handheld Devices and Others

5.3 VR Devices

5.3.1 Head-Mounted Display (HMD)

5.3.2 Gesture-Tracking Device

5.3.3 Projector & Display Wall

6 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION

6.1 Market Overview by Application

6.2 Manufacturing & Supply

6.3 Research & Development

6.4 Marketing & Sales

6.5 Aftermarket Service

6.6 Support Functions & Training

6.7 Other Applications

7 SEGMENTATION OF ASIA PACIFIC MARKET BY VEHICLE TYPE

7.1 Market Overview by Vehicle Type

7.2 Passenger Vehicles

7.3 Commercial Vehicles

8 SEGMENTATION OF ASIA PACIFIC MARKET BY DRIVING AUTONOMY

8.1 Market Overview by Driving Autonomy

8.2 Conventional Driving

8.3 Autonomous & Semi-autonomous Driving

9 ASIA-PACIFIC MARKET 2022-2032 BY COUNTRY

9.1 Overview of Asia-Pacific Market

9.2 Japan

9.3 China

9.4 Australia

9.5 India

9.6 South Korea

9.7 Rest of APAC Region

10 COMPETITIVE LANDSCAPE

10.1 Overview of Key Vendors

10.2 New Product Launch, Partnership, Investment, and M&A

10.3 Company Profiles

AutoVRse

Continental AG

DENSO

Garmin

General Motors (GM)

HARMAN International

HTC Corporation

Hyundai Motor Company

Jaguar

Mercedes-Benz

Microsoft Corporation

Nippon Seiki

NVIDIA

Panasonic

Robert Bosch GmbH
Unity Technologies ApS
Visteon Corporation
Volkswagen AG
WayRay AG
RELATED REPORTS

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Asia Pacific Automotive Augmented Reality and Virtual Reality Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in Asia Pacific Automotive Augmented Reality and Virtual Reality Market

Table 6. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 7. Asia Pacific Automotive Augmented Reality Market by Technology, 2022-2032, \$ mn

Table 8. Asia Pacific Automotive Augmented Reality Market: Marker-based AR by Type, 2022-2032, \$ mn

Table 9. Asia Pacific Automotive Augmented Reality Market: Markerless AR by Type, 2022-2032, \$ mn

Table 10. Asia Pacific Automotive Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 11. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Offering, 2022-2032, \$ mn

Table 12. Asia Pacific Automotive Augmented Reality and Virtual Reality Market: Hardware by Type, 2022-2032, \$ mn

Table 13. Asia Pacific Automotive Augmented Reality and Virtual Reality Market: Software by Type, 2022-2032, \$ mn

Table 14. Asia Pacific Automotive Augmented Reality and Virtual Reality Market: Service by Type, 2022-2032, \$ mn

Table 15. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Device Type, 2022-2032, \$ mn

Table 16. Asia Pacific Automotive Augmented Reality Market by Device, 2022-2032, \$ mn

Table 17. Asia Pacific Automotive Virtual Reality Market by Device, 2022-2032, \$ mn

Table 18. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, \$ mn

Table 19. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, \$ mn

Table 20. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by

Driving Autonomy, 2022-2032, \$ mn

Table 21. APAC Automotive Augmented Reality and Virtual Reality Market by Country, 2022-2032, \$ mn

Table 22. Japan Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 23. Japan Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, \$ mn

Table 24. Japan Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, \$ mn

Table 25. China Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 26. China Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, \$ mn

Table 27. China Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, \$ mn

Table 28. Australia Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 29. Australia Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, \$ mn

Table 30. Australia Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, \$ mn

Table 31. India Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 32. India Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, \$ mn

Table 33. India Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, \$ mn

Table 34. South Korea Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, \$ mn

Table 35. South Korea Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, \$ mn

Table 36. South Korea Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, \$ mn

Table 37. Automotive Augmented Reality and Virtual Reality Market in Rest of APAC by Country/Region, 2022-2032, \$ mn

Table 38. AutoVRse: Company Snapshot

Table 39. AutoVRse: Business Segmentation

Table 40. AutoVRse: Product Portfolio

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. Asia Pacific Automotive Augmented Reality and Virtual Reality Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Asia Pacific Automotive Augmented Reality and Virtual Reality Market

Figure 7. World Autonomous Vehicle (AV) Market 2020-2030, Sales Revenue (\$ bn) and Volume (million units)

Figure 8. World Installed Car Base by Connectivity, 2019-2030, million units

Figure 9. Primary Restraints and Impact Factors of Asia Pacific Automotive Augmented Reality and Virtual Reality Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Asia Pacific Automotive Augmented Reality and Virtual Reality Market

Figure 12. Breakdown of Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Technology, 2022-2032, % of Revenue

Figure 13. Asia Pacific Addressable Market Cap in 2023-2032 by Technology, Value (\$ mn) and Share (%)

Figure 14. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Technology: Augmented Reality (AR), 2022-2032, \$ mn

Figure 15. Asia Pacific Automotive Augmented Reality Market by Technology: Marker-based AR, 2022-2032, \$ mn

Figure 16. Asia Pacific Automotive Augmented Reality Market by Technology: Markerless AR, 2022-2032, \$ mn

Figure 17. Asia Pacific Automotive Augmented Reality Market by Technology: Other Technologies, 2022-2032, \$ mn

Figure 18. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Technology: Virtual Reality (VR), 2022-2032, \$ mn

Figure 19. Asia Pacific Automotive Virtual Reality Market by Technology: Nonimmersive Technology, 2022-2032, \$ mn

Figure 20. Asia Pacific Automotive Virtual Reality Market by Technology: Semi-Immersive Technology, 2022-2032, \$ mn

Figure 21. Asia Pacific Automotive Virtual Reality Market by Technology: Fully Immersive Technology, 2022-2032, \$ mn

Figure 22. Breakdown of Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Offering, 2022-2032, % of Sales Revenue

Figure 23. Asia Pacific Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 24. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Offering: Hardware, 2022-2032, \$ mn

Figure 25. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Hardware: Sensors, 2022-2032, \$ mn

Figure 26. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Hardware: Semiconductor Component, 2022-2032, \$ mn

Figure 27. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Hardware: Displays and Projectors, 2022-2032, \$ mn

Figure 28. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Hardware: Position Trackers, 2022-2032, \$ mn

Figure 29. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Hardware: Cameras, 2022-2032, \$ mn

Figure 30. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Hardware: Other Hardware, 2022-2032, \$ mn

Figure 31. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Offering: Software, 2022-2032, \$ mn

Figure 32. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Offering: Services, 2022-2032, \$ mn

Figure 33. Breakdown of Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Device Type, 2022-2032, % of Sales Revenue

Figure 34. Asia Pacific Addressable Market Cap in 2023-2032 by Device Type, Value (\$ mn) and Share (%)

Figure 35. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Device Type: AR Devices, 2022-2032, \$ mn

Figure 36. Asia Pacific Automotive Augmented Reality Market by Device: Head-Mounted Display (HMD), 2022-2032, \$ mn

Figure 37. Asia Pacific Automotive Augmented Reality Market by Device: Head-Up Display (HUD), 2022-2032, \$ mn

Figure 38. Asia Pacific Automotive Augmented Reality Market by Device: Smart Glasses, 2022-2032, \$ mn

Figure 39. Asia Pacific Automotive Augmented Reality Market by Device: Handheld Devices and Others, 2022-2032, \$ mn

Figure 40. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by

Device Type: VR Devices, 2022-2032, \$ mn

Figure 41. Asia Pacific Automotive Virtual Reality Market by Device: Head-Mounted Display (HMD), 2022-2032, \$ mn

Figure 42. Asia Pacific Automotive Virtual Reality Market by Device: Gesture-Tracking Device, 2022-2032, \$ mn

Figure 43. Asia Pacific Automotive Virtual Reality Market by Device: Projector & Display Wall, 2022-2032, \$ mn

Figure 44. Breakdown of Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application, 2022-2032, % of Revenue

Figure 45. Asia Pacific Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%)

Figure 46. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application: Manufacturing & Supply, 2022-2032, \$ mn

Figure 47. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application: Research & Development, 2022-2032, \$ mn

Figure 48. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application: Marketing & Sales, 2022-2032, \$ mn

Figure 49. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application: Aftermarket Service, 2022-2032, \$ mn

Figure 50. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application: Support Functions & Training, 2022-2032, \$ mn

Figure 51. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Application: Other Applications, 2022-2032, \$ mn

Figure 52. Breakdown of Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Vehicle Type, 2022-2032, % of Revenue

Figure 53. Asia Pacific Addressable Market Cap in 2023-2032 by Vehicle Type, Value (\$ mn) and Share (%)

Figure 54. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Vehicle Type: Passenger Vehicles, 2022-2032, \$ mn

Figure 55. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Vehicle Type: Commercial Vehicles, 2022-2032, \$ mn

Figure 56. Breakdown of Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Driving Autonomy, 2022-2032, % of Revenue

Figure 57. Asia Pacific Addressable Market Cap in 2023-2032 by Driving Autonomy, Value (\$ mn) and Share (%)

Figure 58. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Driving Autonomy: Conventional Driving, 2022-2032, \$ mn

Figure 59. Asia Pacific Automotive Augmented Reality and Virtual Reality Market by Driving Autonomy: Autonomous & Semi-autonomous Driving, 2022-2032, \$ mn

Figure 60. Breakdown of APAC Automotive Augmented Reality and Virtual Reality Market by Country, 2022 and 2032, % of Revenue

Figure 61. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 62. Automotive Augmented Reality and Virtual Reality Market in Japan, 2022-2032, \$ mn

Figure 63. Automotive Augmented Reality and Virtual Reality Market in China, 2022-2032, \$ mn

Figure 64. Automotive Augmented Reality and Virtual Reality Market in Australia, 2022-2032, \$ mn

Figure 65. Automotive Augmented Reality and Virtual Reality Market in India, 2022-2032, \$ mn

Figure 66. Automotive Augmented Reality and Virtual Reality Market in South Korea, 2022-2032, \$ mn

Figure 67. Automotive Augmented Reality and Virtual Reality Market in Rest of APAC, 2022-2032, \$ mn

Figure 68. Growth Stage of Asia Pacific Automotive Augmented Reality and Virtual Reality Industry over the Forecast Period

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