

Global Lateral Millimeter Wave Radar Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Lateral Millimeter Wave Radar market size was valued at US\$ million in 2025 and is forecast to a readjusted size of US\$ million by 2032 with a CAGR of %during review period.

Side-facing millimeter-wave radar is a millimeter-wave radar installed on both sides of the car. It is used to detect the blind spots of the vehicle and targets on the side and rear, such as other vehicles, pedestrians, bicycles, etc. Side-facing millimeter wave radar can improve driving safety and support vehicle functions such as lane changing, merging, and reversing. Millimeter-wave radar refers to a radar sensor that works in the millimeter-wave frequency band (30-300GHz). It has the characteristics of small size, high resolution, and strong penetration ability. Millimeter wave radar can measure the distance, speed, azimuth and other parameters of the target through different modulation methods and signal processing algorithms. The main application areas of millimeter wave radar include automobile, industry, consumer, medical, etc.

This report is a detailed and comprehensive analysis for global Lateral Millimeter Wave Radar market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Lateral Millimeter Wave Radar market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Lateral Millimeter Wave Radar market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Lateral Millimeter Wave Radar market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Lateral Millimeter Wave Radar market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Lateral Millimeter Wave Radar

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Lateral Millimeter Wave Radar market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Raytheon Technologies, Bosch, Continental, Fujitsu, Texas Instruments, ZF, Aptiv, Autel, Arbe, Oculii, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Lateral Millimeter Wave Radar market is split by Type and by Application. For the period

2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

24GHz Side-Facing Millimeter Wave Radar

77GHz Side-Facing Millimeter Wave Radar

79GHz Side-Facing Millimeter Wave Radar

Market segment by Application

Commercial Vehicles

Passenger Vehicles

Major players covered

Raytheon Technologies

Bosch

Continental

Fujitsu

Texas Instruments

ZF

Aptiv

Autel

Arbe

Oculii

Vayyar

Mercku

General Test Systems

NXP

Infineon

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Lateral Millimeter Wave Radar product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lateral Millimeter Wave Radar, with price, sales quantity, revenue, and global market share of Lateral Millimeter Wave Radar from 2021 to 2026.

Chapter 3, the Lateral Millimeter Wave Radar competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by

landscape contrast.

Chapter 4, the Lateral Millimeter Wave Radar breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Lateral Millimeter Wave Radar market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Lateral Millimeter Wave Radar.

Chapter 14 and 15, to describe Lateral Millimeter Wave Radar sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Lateral Millimeter Wave Radar Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 24GHz Side-Facing Millimeter Wave Radar

1.3.3 77GHz Side-Facing Millimeter Wave Radar

1.3.4 79GHz Side-Facing Millimeter Wave Radar

1.4 Market Analysis by Application

1.4.1 Overview: Global Lateral Millimeter Wave Radar Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.4.2 Commercial Vehicles

1.4.3 Passenger Vehicles

1.5 Global Lateral Millimeter Wave Radar Market Size & Forecast

1.5.1 Global Lateral Millimeter Wave Radar Consumption Value (2021 & 2025 & 2032)

1.5.2 Global Lateral Millimeter Wave Radar Sales Quantity (2021-2032)

1.5.3 Global Lateral Millimeter Wave Radar Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Raytheon Technologies

2.1.1 Raytheon Technologies Details

2.1.2 Raytheon Technologies Major Business

2.1.3 Raytheon Technologies Lateral Millimeter Wave Radar Product and Services

2.1.4 Raytheon Technologies Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Raytheon Technologies Recent Developments/Updates

2.2 Bosch

2.2.1 Bosch Details

2.2.2 Bosch Major Business

2.2.3 Bosch Lateral Millimeter Wave Radar Product and Services

2.2.4 Bosch Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Bosch Recent Developments/Updates

2.3 Continental

- 2.3.1 Continental Details
- 2.3.2 Continental Major Business
- 2.3.3 Continental Lateral Millimeter Wave Radar Product and Services
- 2.3.4 Continental Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.3.5 Continental Recent Developments/Updates
- 2.4 Fujitsu
 - 2.4.1 Fujitsu Details
 - 2.4.2 Fujitsu Major Business
 - 2.4.3 Fujitsu Lateral Millimeter Wave Radar Product and Services
 - 2.4.4 Fujitsu Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Fujitsu Recent Developments/Updates
- 2.5 Texas Instruments
 - 2.5.1 Texas Instruments Details
 - 2.5.2 Texas Instruments Major Business
 - 2.5.3 Texas Instruments Lateral Millimeter Wave Radar Product and Services
 - 2.5.4 Texas Instruments Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Texas Instruments Recent Developments/Updates
- 2.6 ZF
 - 2.6.1 ZF Details
 - 2.6.2 ZF Major Business
 - 2.6.3 ZF Lateral Millimeter Wave Radar Product and Services
 - 2.6.4 ZF Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.6.5 ZF Recent Developments/Updates
- 2.7 Aptiv
 - 2.7.1 Aptiv Details
 - 2.7.2 Aptiv Major Business
 - 2.7.3 Aptiv Lateral Millimeter Wave Radar Product and Services
 - 2.7.4 Aptiv Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 Aptiv Recent Developments/Updates
- 2.8 Autel
 - 2.8.1 Autel Details
 - 2.8.2 Autel Major Business
 - 2.8.3 Autel Lateral Millimeter Wave Radar Product and Services
 - 2.8.4 Autel Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.8.5 Autel Recent Developments/Updates

2.9 Arbe

2.9.1 Arbe Details

2.9.2 Arbe Major Business

2.9.3 Arbe Lateral Millimeter Wave Radar Product and Services

2.9.4 Arbe Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.9.5 Arbe Recent Developments/Updates

2.10 Oculii

2.10.1 Oculii Details

2.10.2 Oculii Major Business

2.10.3 Oculii Lateral Millimeter Wave Radar Product and Services

2.10.4 Oculii Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.10.5 Oculii Recent Developments/Updates

2.11 Vayyar

2.11.1 Vayyar Details

2.11.2 Vayyar Major Business

2.11.3 Vayyar Lateral Millimeter Wave Radar Product and Services

2.11.4 Vayyar Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.11.5 Vayyar Recent Developments/Updates

2.12 Mercku

2.12.1 Mercku Details

2.12.2 Mercku Major Business

2.12.3 Mercku Lateral Millimeter Wave Radar Product and Services

2.12.4 Mercku Lateral Millimeter Wave Radar Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Mercku Recent Developments/Updates

2.13 General Test Systems

2.13.1 General Test Systems Details

2.13.2 General Test Systems Major Business

2.13.3 General Test Systems Lateral Millimeter Wave Radar Product and Services

2.13.4 General Test Systems Lateral Millimeter Wave Radar Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 General Test Systems Recent Developments/Updates

2.14 NXP

2.14.1 NXP Details

- 2.14.2 NXP Major Business
- 2.14.3 NXP Lateral Millimeter Wave Radar Product and Services
- 2.14.4 NXP Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.14.5 NXP Recent Developments/Updates
- 2.15 Infineon
 - 2.15.1 Infineon Details
 - 2.15.2 Infineon Major Business
 - 2.15.3 Infineon Lateral Millimeter Wave Radar Product and Services
 - 2.15.4 Infineon Lateral Millimeter Wave Radar Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Infineon Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: LATERAL MILLIMETER WAVE RADAR BY MANUFACTURER

- 3.1 Global Lateral Millimeter Wave Radar Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Lateral Millimeter Wave Radar Revenue by Manufacturer (2021-2026)
- 3.3 Global Lateral Millimeter Wave Radar Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Lateral Millimeter Wave Radar by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 Lateral Millimeter Wave Radar Manufacturer Market Share in 2025
 - 3.4.3 Top 6 Lateral Millimeter Wave Radar Manufacturer Market Share in 2025
- 3.5 Lateral Millimeter Wave Radar Market: Overall Company Footprint Analysis
 - 3.5.1 Lateral Millimeter Wave Radar Market: Region Footprint
 - 3.5.2 Lateral Millimeter Wave Radar Market: Company Product Type Footprint
 - 3.5.3 Lateral Millimeter Wave Radar Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Lateral Millimeter Wave Radar Market Size by Region
 - 4.1.1 Global Lateral Millimeter Wave Radar Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Lateral Millimeter Wave Radar Consumption Value by Region (2021-2032)
 - 4.1.3 Global Lateral Millimeter Wave Radar Average Price by Region (2021-2032)
- 4.2 North America Lateral Millimeter Wave Radar Consumption Value (2021-2032)

- 4.3 Europe Lateral Millimeter Wave Radar Consumption Value (2021-2032)
- 4.4 Asia-Pacific Lateral Millimeter Wave Radar Consumption Value (2021-2032)
- 4.5 South America Lateral Millimeter Wave Radar Consumption Value (2021-2032)
- 4.6 Middle East & Africa Lateral Millimeter Wave Radar Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2032)
- 5.2 Global Lateral Millimeter Wave Radar Consumption Value by Type (2021-2032)
- 5.3 Global Lateral Millimeter Wave Radar Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2032)
- 6.2 Global Lateral Millimeter Wave Radar Consumption Value by Application (2021-2032)
- 6.3 Global Lateral Millimeter Wave Radar Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2032)
- 7.2 North America Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2032)
- 7.3 North America Lateral Millimeter Wave Radar Market Size by Country
 - 7.3.1 North America Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2032)
 - 7.3.2 North America Lateral Millimeter Wave Radar Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)
 - 7.3.4 Canada Market Size and Forecast (2021-2032)
 - 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2032)
- 8.2 Europe Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2032)
- 8.3 Europe Lateral Millimeter Wave Radar Market Size by Country
 - 8.3.1 Europe Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2032)

8.3.2 Europe Lateral Millimeter Wave Radar Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Lateral Millimeter Wave Radar Market Size by Region

9.3.1 Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Lateral Millimeter Wave Radar Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2032)

10.2 South America Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2032)

10.3 South America Lateral Millimeter Wave Radar Market Size by Country

10.3.1 South America Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2032)

10.3.2 South America Lateral Millimeter Wave Radar Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa Lateral Millimeter Wave Radar Market Size by Country
 - 11.3.1 Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2032)
 - 11.3.2 Middle East & Africa Lateral Millimeter Wave Radar Consumption Value by Country (2021-2032)
 - 11.3.3 Turkey Market Size and Forecast (2021-2032)
 - 11.3.4 Egypt Market Size and Forecast (2021-2032)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
 - 11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

- 12.1 Lateral Millimeter Wave Radar Market Drivers
- 12.2 Lateral Millimeter Wave Radar Market Restraints
- 12.3 Lateral Millimeter Wave Radar Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Lateral Millimeter Wave Radar and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Lateral Millimeter Wave Radar
- 13.3 Lateral Millimeter Wave Radar Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors

14.2 Lateral Millimeter Wave Radar Typical Distributors

14.3 Lateral Millimeter Wave Radar Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Lateral Millimeter Wave Radar Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Lateral Millimeter Wave Radar Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 3. Raytheon Technologies Basic Information, Manufacturing Base and Competitors

Table 4. Raytheon Technologies Major Business

Table 5. Raytheon Technologies Lateral Millimeter Wave Radar Product and Services

Table 6. Raytheon Technologies Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 7. Raytheon Technologies Recent Developments/Updates

Table 8. Bosch Basic Information, Manufacturing Base and Competitors

Table 9. Bosch Major Business

Table 10. Bosch Lateral Millimeter Wave Radar Product and Services

Table 11. Bosch Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. Bosch Recent Developments/Updates

Table 13. Continental Basic Information, Manufacturing Base and Competitors

Table 14. Continental Major Business

Table 15. Continental Lateral Millimeter Wave Radar Product and Services

Table 16. Continental Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. Continental Recent Developments/Updates

Table 18. Fujitsu Basic Information, Manufacturing Base and Competitors

Table 19. Fujitsu Major Business

Table 20. Fujitsu Lateral Millimeter Wave Radar Product and Services

Table 21. Fujitsu Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. Fujitsu Recent Developments/Updates

Table 23. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 24. Texas Instruments Major Business

Table 25. Texas Instruments Lateral Millimeter Wave Radar Product and Services

Table 26. Texas Instruments Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share

(2021-2026)

Table 27. Texas Instruments Recent Developments/Updates

Table 28. ZF Basic Information, Manufacturing Base and Competitors

Table 29. ZF Major Business

Table 30. ZF Lateral Millimeter Wave Radar Product and Services

Table 31. ZF Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 32. ZF Recent Developments/Updates

Table 33. Aptiv Basic Information, Manufacturing Base and Competitors

Table 34. Aptiv Major Business

Table 35. Aptiv Lateral Millimeter Wave Radar Product and Services

Table 36. Aptiv Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 37. Aptiv Recent Developments/Updates

Table 38. Autel Basic Information, Manufacturing Base and Competitors

Table 39. Autel Major Business

Table 40. Autel Lateral Millimeter Wave Radar Product and Services

Table 41. Autel Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 42. Autel Recent Developments/Updates

Table 43. Arbe Basic Information, Manufacturing Base and Competitors

Table 44. Arbe Major Business

Table 45. Arbe Lateral Millimeter Wave Radar Product and Services

Table 46. Arbe Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 47. Arbe Recent Developments/Updates

Table 48. Oculii Basic Information, Manufacturing Base and Competitors

Table 49. Oculii Major Business

Table 50. Oculii Lateral Millimeter Wave Radar Product and Services

Table 51. Oculii Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 52. Oculii Recent Developments/Updates

Table 53. Vayyar Basic Information, Manufacturing Base and Competitors

Table 54. Vayyar Major Business

Table 55. Vayyar Lateral Millimeter Wave Radar Product and Services

Table 56. Vayyar Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 57. Vayyar Recent Developments/Updates

Table 58. Mercku Basic Information, Manufacturing Base and Competitors

Table 59. Mercku Major Business

Table 60. Mercku Lateral Millimeter Wave Radar Product and Services

Table 61. Mercku Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 62. Mercku Recent Developments/Updates

Table 63. General Test Systems Basic Information, Manufacturing Base and Competitors

Table 64. General Test Systems Major Business

Table 65. General Test Systems Lateral Millimeter Wave Radar Product and Services

Table 66. General Test Systems Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 67. General Test Systems Recent Developments/Updates

Table 68. NXP Basic Information, Manufacturing Base and Competitors

Table 69. NXP Major Business

Table 70. NXP Lateral Millimeter Wave Radar Product and Services

Table 71. NXP Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. NXP Recent Developments/Updates

Table 73. Infineon Basic Information, Manufacturing Base and Competitors

Table 74. Infineon Major Business

Table 75. Infineon Lateral Millimeter Wave Radar Product and Services

Table 76. Infineon Lateral Millimeter Wave Radar Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 77. Infineon Recent Developments/Updates

Table 78. Global Lateral Millimeter Wave Radar Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 79. Global Lateral Millimeter Wave Radar Revenue by Manufacturer (2021-2026) & (USD Million)

Table 80. Global Lateral Millimeter Wave Radar Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 81. Market Position of Manufacturers in Lateral Millimeter Wave Radar, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 82. Head Office and Lateral Millimeter Wave Radar Production Site of Key Manufacturer

Table 83. Lateral Millimeter Wave Radar Market: Company Product Type Footprint

Table 84. Lateral Millimeter Wave Radar Market: Company Product Application Footprint

Table 85. Lateral Millimeter Wave Radar New Market Entrants and Barriers to Market

Entry

Table 86. Lateral Millimeter Wave Radar Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Lateral Millimeter Wave Radar Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 88. Global Lateral Millimeter Wave Radar Sales Quantity by Region (2021-2026) & (K Units)

Table 89. Global Lateral Millimeter Wave Radar Sales Quantity by Region (2027-2032) & (K Units)

Table 90. Global Lateral Millimeter Wave Radar Consumption Value by Region (2021-2026) & (USD Million)

Table 91. Global Lateral Millimeter Wave Radar Consumption Value by Region (2027-2032) & (USD Million)

Table 92. Global Lateral Millimeter Wave Radar Average Price by Region (2021-2026) & (US\$/Unit)

Table 93. Global Lateral Millimeter Wave Radar Average Price by Region (2027-2032) & (US\$/Unit)

Table 94. Global Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2026) & (K Units)

Table 95. Global Lateral Millimeter Wave Radar Sales Quantity by Type (2027-2032) & (K Units)

Table 96. Global Lateral Millimeter Wave Radar Consumption Value by Type (2021-2026) & (USD Million)

Table 97. Global Lateral Millimeter Wave Radar Consumption Value by Type (2027-2032) & (USD Million)

Table 98. Global Lateral Millimeter Wave Radar Average Price by Type (2021-2026) & (US\$/Unit)

Table 99. Global Lateral Millimeter Wave Radar Average Price by Type (2027-2032) & (US\$/Unit)

Table 100. Global Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2026) & (K Units)

Table 101. Global Lateral Millimeter Wave Radar Sales Quantity by Application (2027-2032) & (K Units)

Table 102. Global Lateral Millimeter Wave Radar Consumption Value by Application (2021-2026) & (USD Million)

Table 103. Global Lateral Millimeter Wave Radar Consumption Value by Application (2027-2032) & (USD Million)

Table 104. Global Lateral Millimeter Wave Radar Average Price by Application (2021-2026) & (US\$/Unit)

Table 105. Global Lateral Millimeter Wave Radar Average Price by Application (2027-2032) & (US\$/Unit)

Table 106. North America Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2026) & (K Units)

Table 107. North America Lateral Millimeter Wave Radar Sales Quantity by Type (2027-2032) & (K Units)

Table 108. North America Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2026) & (K Units)

Table 109. North America Lateral Millimeter Wave Radar Sales Quantity by Application (2027-2032) & (K Units)

Table 110. North America Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2026) & (K Units)

Table 111. North America Lateral Millimeter Wave Radar Sales Quantity by Country (2027-2032) & (K Units)

Table 112. North America Lateral Millimeter Wave Radar Consumption Value by Country (2021-2026) & (USD Million)

Table 113. North America Lateral Millimeter Wave Radar Consumption Value by Country (2027-2032) & (USD Million)

Table 114. Europe Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2026) & (K Units)

Table 115. Europe Lateral Millimeter Wave Radar Sales Quantity by Type (2027-2032) & (K Units)

Table 116. Europe Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2026) & (K Units)

Table 117. Europe Lateral Millimeter Wave Radar Sales Quantity by Application (2027-2032) & (K Units)

Table 118. Europe Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2026) & (K Units)

Table 119. Europe Lateral Millimeter Wave Radar Sales Quantity by Country (2027-2032) & (K Units)

Table 120. Europe Lateral Millimeter Wave Radar Consumption Value by Country (2021-2026) & (USD Million)

Table 121. Europe Lateral Millimeter Wave Radar Consumption Value by Country (2027-2032) & (USD Million)

Table 122. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2026) & (K Units)

Table 123. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Type (2027-2032) & (K Units)

Table 124. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Application

(2021-2026) & (K Units)

Table 125. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Application

(2027-2032) & (K Units)

Table 126. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Region

(2021-2026) & (K Units)

Table 127. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity by Region

(2027-2032) & (K Units)

Table 128. Asia-Pacific Lateral Millimeter Wave Radar Consumption Value by Region

(2021-2026) & (USD Million)

Table 129. Asia-Pacific Lateral Millimeter Wave Radar Consumption Value by Region

(2027-2032) & (USD Million)

Table 130. South America Lateral Millimeter Wave Radar Sales Quantity by Type

(2021-2026) & (K Units)

Table 131. South America Lateral Millimeter Wave Radar Sales Quantity by Type

(2027-2032) & (K Units)

Table 132. South America Lateral Millimeter Wave Radar Sales Quantity by Application

(2021-2026) & (K Units)

Table 133. South America Lateral Millimeter Wave Radar Sales Quantity by Application

(2027-2032) & (K Units)

Table 134. South America Lateral Millimeter Wave Radar Sales Quantity by Country

(2021-2026) & (K Units)

Table 135. South America Lateral Millimeter Wave Radar Sales Quantity by Country

(2027-2032) & (K Units)

Table 136. South America Lateral Millimeter Wave Radar Consumption Value by Country (2021-2026) & (USD Million)

Table 137. South America Lateral Millimeter Wave Radar Consumption Value by Country (2027-2032) & (USD Million)

Table 138. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Type (2021-2026) & (K Units)

Table 139. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Type (2027-2032) & (K Units)

Table 140. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Application (2021-2026) & (K Units)

Table 141. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Application (2027-2032) & (K Units)

Table 142. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Country (2021-2026) & (K Units)

Table 143. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity by Country (2027-2032) & (K Units)

Table 144. Middle East & Africa Lateral Millimeter Wave Radar Consumption Value by Country (2021-2026) & (USD Million)

Table 145. Middle East & Africa Lateral Millimeter Wave Radar Consumption Value by Country (2027-2032) & (USD Million)

Table 146. Lateral Millimeter Wave Radar Raw Material

Table 147. Key Manufacturers of Lateral Millimeter Wave Radar Raw Materials

Table 148. Lateral Millimeter Wave Radar Typical Distributors

Table 149. Lateral Millimeter Wave Radar Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Lateral Millimeter Wave Radar Picture
- Figure 2. Global Lateral Millimeter Wave Radar Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Lateral Millimeter Wave Radar Revenue Market Share by Type in 2025
- Figure 4. 24GHz Side-Facing Millimeter Wave Radar Examples
- Figure 5. 77GHz Side-Facing Millimeter Wave Radar Examples
- Figure 6. 79GHz Side-Facing Millimeter Wave Radar Examples
- Figure 7. Global Lateral Millimeter Wave Radar Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 8. Global Lateral Millimeter Wave Radar Revenue Market Share by Application in 2025
- Figure 9. Commercial Vehicles Examples
- Figure 10. Passenger Vehicles Examples
- Figure 11. Global Lateral Millimeter Wave Radar Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 12. Global Lateral Millimeter Wave Radar Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 13. Global Lateral Millimeter Wave Radar Sales Quantity (2021-2032) & (K Units)
- Figure 14. Global Lateral Millimeter Wave Radar Price (2021-2032) & (US\$/Unit)
- Figure 15. Global Lateral Millimeter Wave Radar Sales Quantity Market Share by Manufacturer in 2025
- Figure 16. Global Lateral Millimeter Wave Radar Revenue Market Share by Manufacturer in 2025
- Figure 17. Producer Shipments of Lateral Millimeter Wave Radar by Manufacturer Sales (\$MM) and Market Share (%): 2025
- Figure 18. Top 3 Lateral Millimeter Wave Radar Manufacturer (Revenue) Market Share in 2025
- Figure 19. Top 6 Lateral Millimeter Wave Radar Manufacturer (Revenue) Market Share in 2025
- Figure 20. Global Lateral Millimeter Wave Radar Sales Quantity Market Share by Region (2021-2032)
- Figure 21. Global Lateral Millimeter Wave Radar Consumption Value Market Share by Region (2021-2032)
- Figure 22. North America Lateral Millimeter Wave Radar Consumption Value

(2021-2032) & (USD Million)

Figure 23. Europe Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 24. Asia-Pacific Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 25. South America Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 26. Middle East & Africa Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 27. Global Lateral Millimeter Wave Radar Sales Quantity Market Share by Type (2021-2032)

Figure 28. Global Lateral Millimeter Wave Radar Consumption Value Market Share by Type (2021-2032)

Figure 29. Global Lateral Millimeter Wave Radar Average Price by Type (2021-2032) & (US\$/Unit)

Figure 30. Global Lateral Millimeter Wave Radar Sales Quantity Market Share by Application (2021-2032)

Figure 31. Global Lateral Millimeter Wave Radar Revenue Market Share by Application (2021-2032)

Figure 32. Global Lateral Millimeter Wave Radar Average Price by Application (2021-2032) & (US\$/Unit)

Figure 33. North America Lateral Millimeter Wave Radar Sales Quantity Market Share by Type (2021-2032)

Figure 34. North America Lateral Millimeter Wave Radar Sales Quantity Market Share by Application (2021-2032)

Figure 35. North America Lateral Millimeter Wave Radar Sales Quantity Market Share by Country (2021-2032)

Figure 36. North America Lateral Millimeter Wave Radar Consumption Value Market Share by Country (2021-2032)

Figure 37. United States Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 38. Canada Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 39. Mexico Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 40. Europe Lateral Millimeter Wave Radar Sales Quantity Market Share by Type (2021-2032)

Figure 41. Europe Lateral Millimeter Wave Radar Sales Quantity Market Share by Application (2021-2032)

Figure 42. Europe Lateral Millimeter Wave Radar Sales Quantity Market Share by Country (2021-2032)

Figure 43. Europe Lateral Millimeter Wave Radar Consumption Value Market Share by Country (2021-2032)

Figure 44. Germany Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 45. France Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 46. United Kingdom Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 47. Russia Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 48. Italy Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 49. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity Market Share by Type (2021-2032)

Figure 50. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity Market Share by Application (2021-2032)

Figure 51. Asia-Pacific Lateral Millimeter Wave Radar Sales Quantity Market Share by Region (2021-2032)

Figure 52. Asia-Pacific Lateral Millimeter Wave Radar Consumption Value Market Share by Region (2021-2032)

Figure 53. China Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 54. Japan Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 55. South Korea Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 56. India Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 57. Southeast Asia Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 58. Australia Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 59. South America Lateral Millimeter Wave Radar Sales Quantity Market Share by Type (2021-2032)

Figure 60. South America Lateral Millimeter Wave Radar Sales Quantity Market Share by Application (2021-2032)

Figure 61. South America Lateral Millimeter Wave Radar Sales Quantity Market Share

by Country (2021-2032)

Figure 62. South America Lateral Millimeter Wave Radar Consumption Value Market Share by Country (2021-2032)

Figure 63. Brazil Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 64. Argentina Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 65. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity Market Share by Type (2021-2032)

Figure 66. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity Market Share by Application (2021-2032)

Figure 67. Middle East & Africa Lateral Millimeter Wave Radar Sales Quantity Market Share by Country (2021-2032)

Figure 68. Middle East & Africa Lateral Millimeter Wave Radar Consumption Value Market Share by Country (2021-2032)

Figure 69. Turkey Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 70. Egypt Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 71. Saudi Arabia Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 72. South Africa Lateral Millimeter Wave Radar Consumption Value (2021-2032) & (USD Million)

Figure 73. Lateral Millimeter Wave Radar Market Drivers

Figure 74. Lateral Millimeter Wave Radar Market Restraints

Figure 75. Lateral Millimeter Wave Radar Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Lateral Millimeter Wave Radar in 2025

Figure 78. Manufacturing Process Analysis of Lateral Millimeter Wave Radar

Figure 79. Lateral Millimeter Wave Radar Industrial Chain

Figure 80. Sales Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

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