

# Global 4D Full-Range Radar Market Growth 2026-2032

<https://marketpublishers.com/r/GABFE843FEF3EN.html>

Date: July 2026

Pages: 131

Price: US\$ 3,660.00 (Single User License)

ID: GABFE843FEF3EN

## Abstracts

The global 4D Full-Range Radar market size is predicted to grow from US\$ 1125 million in 2025 to US\$ 2480 million in 2032; it is expected to grow at a CAGR of 10.1% from 2026 to 2032.

4D imaging radar is an advanced automotive perception system that can simultaneously detect four dimensions of target information: distance, speed, horizontal angle, and vertical angle. Compared to traditional 3D radar, it can generate high-resolution point cloud data, achieving more accurate environmental perception. This technology employs MIMO antenna arrays, digital beamforming, and signal processing algorithms to accurately identify vehicles, pedestrians, and obstacles in long-distance and complex environments. 4D imaging radar is widely used in adaptive cruise control, automatic emergency braking, highway navigation, and autonomous driving systems, providing core perception capabilities for next-generation vehicles. The upstream of the 4D imaging radar industry chain includes semiconductor chips, millimeter-wave RF modules, antenna arrays, printed circuit boards, and high-speed signal processors. The midstream consists of radar module manufacturers responsible for radar design, assembly, antenna arrays, digital signal processing, and software algorithm integration. Downstream applications cover OEMs, ADAS system suppliers, and autonomous driving technology companies. The industry chain also includes algorithm development, system integration, automotive electronics supply, testing, and calibration services to ensure accurate and reliable radar perception in complex driving environments. Global production of 4D imaging radar is projected to reach approximately 12,778,000 units in 2025, with an average market price of around US\$90 per unit. The industry's gross margin is estimated at 35%-50%. Global production capacity is projected to reach approximately 16,000,000 units in 2025.

The market for 4D Full-Range Radar is driven by the increasing demand for advanced driver-assistance systems (ADAS) and autonomous driving technologies. Enhanced

object detection, real-time data processing, and integration with vehicle control systems are key growth factors. The adoption of radar-on-chip technologies reduces system size and cost while maintaining performance. OEMs and Tier-1 suppliers are investing in R&D to improve radar resolution, range, and multi-target tracking capabilities. Overall, regulatory support for vehicle safety standards and the expansion of electric and autonomous vehicles further propel market growth.

LP Information, Inc. (LPI) ' newest research report, the "4D Full-Range Radar Industry Forecast" looks at past sales and reviews total world 4D Full-Range Radar sales in 2025, providing a comprehensive analysis by region and market sector of projected 4D Full-Range Radar sales for 2026 through 2032. With 4D Full-Range Radar sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 4D Full-Range Radar industry.

This Insight Report provides a comprehensive analysis of the global 4D Full-Range Radar landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on 4D Full-Range Radar portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 4D Full-Range Radar market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 4D Full-Range Radar and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 4D Full-Range Radar.

This report presents a comprehensive overview, market shares, and growth opportunities of 4D Full-Range Radar market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Less Than 100 Meters

100-300 Meters

300-500 Meters

More Than 500 Meters

#### Segmentation by Frequency Band:

24GHz Radar

77GHz Radar

79GHz Radar

#### Segmentation by Installation Position:

Forward-facing Main Radar

Angle Radar

#### Segmentation by Application:

Car

Drone

Consumer Electronics

Military Industry

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ZF Friedrichshafen AG

Vayyar

Qamcom

Continental AG

Altos Radar

Aptiv

HUAWEI

Ambarella

Smartmicro

Geometrical Perception and Learning

ANNGIC

Whst Co., Ltd.

SINPRO Intelligent Technology(shanghai) Co., Ltd.

Shenzhen Chengtai Technology Co. Ltd

Arbe

RadSee

### Key Questions Addressed in this Report

What is the 10-year outlook for the global 4D Full-Range Radar market?

What factors are driving 4D Full-Range Radar market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do 4D Full-Range Radar market opportunities vary by end market size?

How does 4D Full-Range Radar break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

##### 2.1.1 Global 4D Full-Range Radar Annual Sales 2021-2032

##### 2.1.2 World Current & Future Analysis for 4D Full-Range Radar by Geographic Region, 2021, 2025 & 2032

##### 2.1.3 World Current & Future Analysis for 4D Full-Range Radar by Country/Region, 2021, 2025 & 2032

#### 2.2 4D Full-Range Radar Segment by Type

##### 2.2.1 Less Than 100 Meters

##### 2.2.2 100-300 Meters

##### 2.2.3 300-500 Meters

##### 2.2.4 More Than 500 Meters

##### 2.2.5 4D Full-Range Radar Sales by Type

###### 2.2.5.1 Global 4D Full-Range Radar Sales Market Share by Type (2021-2026)

###### 2.2.5.2 Global 4D Full-Range Radar Revenue and Market Share by Type (2021-2026)

###### 2.2.5.3 Global 4D Full-Range Radar Sale Price by Type (2021-2026)

#### 2.3 4D Full-Range Radar Segment by Frequency Band

##### 2.3.1 24GHz Radar

##### 2.3.2 77GHz Radar

##### 2.3.3 79GHz Radar

##### 2.3.4 4D Full-Range Radar Sales by Frequency Band

###### 2.3.4.1 Global 4D Full-Range Radar Sales Market Share by Frequency Band (2021-2026)

###### 2.3.4.2 Global 4D Full-Range Radar Revenue and Market Share by Frequency Band

(2021-2026)

2.3.4.3 Global 4D Full-Range Radar Sale Price by Frequency Band (2021-2026)

2.4 4D Full-Range Radar Segment by Installation Position

2.4.1 Forward-facing Main Radar

2.4.2 Angle Radar

2.4.3 4D Full-Range Radar Sales by Installation Position

2.4.3.1 Global 4D Full-Range Radar Sales Market Share by Installation Position

(2021-2026)

2.4.3.2 Global 4D Full-Range Radar Revenue and Market Share by Installation Position (2021-2026)

2.4.3.3 Global 4D Full-Range Radar Sale Price by Installation Position (2021-2026)

2.5 4D Full-Range Radar Segment by Application

2.5.1 Car

2.5.2 Drone

2.5.3 Consumer Electronics

2.5.4 Military Industry

2.5.5 Other

2.5.6 4D Full-Range Radar Sales by Application

2.5.6.1 Global 4D Full-Range Radar Sale Market Share by Application (2021-2026)

2.5.6.2 Global 4D Full-Range Radar Revenue and Market Share by Application

(2021-2026)

2.5.6.3 Global 4D Full-Range Radar Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global 4D Full-Range Radar Breakdown Data by Company

3.1.1 Global 4D Full-Range Radar Annual Sales by Company (2021-2026)

3.1.2 Global 4D Full-Range Radar Sales Market Share by Company (2021-2026)

3.2 Global 4D Full-Range Radar Annual Revenue by Company (2021-2026)

3.2.1 Global 4D Full-Range Radar Revenue by Company (2021-2026)

3.2.2 Global 4D Full-Range Radar Revenue Market Share by Company (2021-2026)

3.3 Global 4D Full-Range Radar Sale Price by Company

3.4 Key Manufacturers 4D Full-Range Radar Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers 4D Full-Range Radar Product Location Distribution

3.4.2 Players 4D Full-Range Radar Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR 4D FULL-RANGE RADAR BY GEOGRAPHIC REGION**

4.1 World Historic 4D Full-Range Radar Market Size by Geographic Region (2021-2026)

4.1.1 Global 4D Full-Range Radar Annual Sales by Geographic Region (2021-2026)

4.1.2 Global 4D Full-Range Radar Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic 4D Full-Range Radar Market Size by Country/Region (2021-2026)

4.2.1 Global 4D Full-Range Radar Annual Sales by Country/Region (2021-2026)

4.2.2 Global 4D Full-Range Radar Annual Revenue by Country/Region (2021-2026)

4.3 Americas 4D Full-Range Radar Sales Growth

4.4 APAC 4D Full-Range Radar Sales Growth

4.5 Europe 4D Full-Range Radar Sales Growth

4.6 Middle East & Africa 4D Full-Range Radar Sales Growth

## **5 AMERICAS**

5.1 Americas 4D Full-Range Radar Sales by Country

5.1.1 Americas 4D Full-Range Radar Sales by Country (2021-2026)

5.1.2 Americas 4D Full-Range Radar Revenue by Country (2021-2026)

5.2 Americas 4D Full-Range Radar Sales by Type (2021-2026)

5.3 Americas 4D Full-Range Radar Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC 4D Full-Range Radar Sales by Region

6.1.1 APAC 4D Full-Range Radar Sales by Region (2021-2026)

6.1.2 APAC 4D Full-Range Radar Revenue by Region (2021-2026)

6.2 APAC 4D Full-Range Radar Sales by Type (2021-2026)

6.3 APAC 4D Full-Range Radar Sales by Application (2021-2026)

6.4 China

- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe 4D Full-Range Radar by Country
  - 7.1.1 Europe 4D Full-Range Radar Sales by Country (2021-2026)
  - 7.1.2 Europe 4D Full-Range Radar Revenue by Country (2021-2026)
- 7.2 Europe 4D Full-Range Radar Sales by Type (2021-2026)
- 7.3 Europe 4D Full-Range Radar Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa 4D Full-Range Radar by Country
  - 8.1.1 Middle East & Africa 4D Full-Range Radar Sales by Country (2021-2026)
  - 8.1.2 Middle East & Africa 4D Full-Range Radar Revenue by Country (2021-2026)
- 8.2 Middle East & Africa 4D Full-Range Radar Sales by Type (2021-2026)
- 8.3 Middle East & Africa 4D Full-Range Radar Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of 4D Full-Range Radar
- 10.3 Manufacturing Process Analysis of 4D Full-Range Radar
- 10.4 Industry Chain Structure of 4D Full-Range Radar

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 4D Full-Range Radar Distributors
- 11.3 4D Full-Range Radar Customer

## **12 WORLD FORECAST REVIEW FOR 4D FULL-RANGE RADAR BY GEOGRAPHIC REGION**

- 12.1 Global 4D Full-Range Radar Market Size Forecast by Region
  - 12.1.1 Global 4D Full-Range Radar Forecast by Region (2027-2032)
  - 12.1.2 Global 4D Full-Range Radar Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global 4D Full-Range Radar Forecast by Type (2027-2032)
- 12.7 Global 4D Full-Range Radar Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

- 13.1 ZF Friedrichshafen AG
  - 13.1.1 ZF Friedrichshafen AG Company Information
  - 13.1.2 ZF Friedrichshafen AG 4D Full-Range Radar Product Portfolios and Specifications
  - 13.1.3 ZF Friedrichshafen AG 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.1.4 ZF Friedrichshafen AG Main Business Overview
  - 13.1.5 ZF Friedrichshafen AG Latest Developments
- 13.2 Vayyar

- 13.2.1 Vayyar Company Information
- 13.2.2 Vayyar 4D Full-Range Radar Product Portfolios and Specifications
- 13.2.3 Vayyar 4D Full-Range Radar Sales, Revenue, Price and Gross Margin  
(2021-2026)
- 13.2.4 Vayyar Main Business Overview
- 13.2.5 Vayyar Latest Developments
- 13.3 Qamcom
  - 13.3.1 Qamcom Company Information
  - 13.3.2 Qamcom 4D Full-Range Radar Product Portfolios and Specifications
  - 13.3.3 Qamcom 4D Full-Range Radar Sales, Revenue, Price and Gross Margin  
(2021-2026)
  - 13.3.4 Qamcom Main Business Overview
  - 13.3.5 Qamcom Latest Developments
- 13.4 Continental AG
  - 13.4.1 Continental AG Company Information
  - 13.4.2 Continental AG 4D Full-Range Radar Product Portfolios and Specifications
  - 13.4.3 Continental AG 4D Full-Range Radar Sales, Revenue, Price and Gross Margin  
(2021-2026)
  - 13.4.4 Continental AG Main Business Overview
  - 13.4.5 Continental AG Latest Developments
- 13.5 Altos Radar
  - 13.5.1 Altos Radar Company Information
  - 13.5.2 Altos Radar 4D Full-Range Radar Product Portfolios and Specifications
  - 13.5.3 Altos Radar 4D Full-Range Radar Sales, Revenue, Price and Gross Margin  
(2021-2026)
  - 13.5.4 Altos Radar Main Business Overview
  - 13.5.5 Altos Radar Latest Developments
- 13.6 Aptiv
  - 13.6.1 Aptiv Company Information
  - 13.6.2 Aptiv 4D Full-Range Radar Product Portfolios and Specifications
  - 13.6.3 Aptiv 4D Full-Range Radar Sales, Revenue, Price and Gross Margin  
(2021-2026)
  - 13.6.4 Aptiv Main Business Overview
  - 13.6.5 Aptiv Latest Developments
- 13.7 HUAWEI
  - 13.7.1 HUAWEI Company Information
  - 13.7.2 HUAWEI 4D Full-Range Radar Product Portfolios and Specifications
  - 13.7.3 HUAWEI 4D Full-Range Radar Sales, Revenue, Price and Gross Margin  
(2021-2026)

- 13.7.4 HUAWEI Main Business Overview
- 13.7.5 HUAWEI Latest Developments
- 13.8 Ambarella
  - 13.8.1 Ambarella Company Information
  - 13.8.2 Ambarella 4D Full-Range Radar Product Portfolios and Specifications
  - 13.8.3 Ambarella 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 Ambarella Main Business Overview
  - 13.8.5 Ambarella Latest Developments
- 13.9 Smartmicro
  - 13.9.1 Smartmicro Company Information
  - 13.9.2 Smartmicro 4D Full-Range Radar Product Portfolios and Specifications
  - 13.9.3 Smartmicro 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.9.4 Smartmicro Main Business Overview
  - 13.9.5 Smartmicro Latest Developments
- 13.10 Geometrical Perception and Learning
  - 13.10.1 Geometrical Perception and Learning Company Information
  - 13.10.2 Geometrical Perception and Learning 4D Full-Range Radar Product Portfolios and Specifications
  - 13.10.3 Geometrical Perception and Learning 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.10.4 Geometrical Perception and Learning Main Business Overview
  - 13.10.5 Geometrical Perception and Learning Latest Developments
- 13.11 ANNGIC
  - 13.11.1 ANNGIC Company Information
  - 13.11.2 ANNGIC 4D Full-Range Radar Product Portfolios and Specifications
  - 13.11.3 ANNGIC 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.11.4 ANNGIC Main Business Overview
  - 13.11.5 ANNGIC Latest Developments
- 13.12 Whst Co., Ltd.
  - 13.12.1 Whst Co., Ltd. Company Information
  - 13.12.2 Whst Co., Ltd. 4D Full-Range Radar Product Portfolios and Specifications
  - 13.12.3 Whst Co., Ltd. 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.12.4 Whst Co., Ltd. Main Business Overview
  - 13.12.5 Whst Co., Ltd. Latest Developments
- 13.13 SINPRO Intelligent Technology(shanghai) Co., Ltd.

- 13.13.1 SINPRO Intelligent Technology(shanghai) Co., Ltd. Company Information
- 13.13.2 SINPRO Intelligent Technology(shanghai) Co., Ltd. 4D Full-Range Radar Product Portfolios and Specifications
- 13.13.3 SINPRO Intelligent Technology(shanghai) Co., Ltd. 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.13.4 SINPRO Intelligent Technology(shanghai) Co., Ltd. Main Business Overview
- 13.13.5 SINPRO Intelligent Technology(shanghai) Co., Ltd. Latest Developments
- 13.14 Shenzhen Chengtai Technology Co. Ltd
- 13.14.1 Shenzhen Chengtai Technology Co. Ltd Company Information
- 13.14.2 Shenzhen Chengtai Technology Co. Ltd 4D Full-Range Radar Product Portfolios and Specifications
- 13.14.3 Shenzhen Chengtai Technology Co. Ltd 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.14.4 Shenzhen Chengtai Technology Co. Ltd Main Business Overview
- 13.14.5 Shenzhen Chengtai Technology Co. Ltd Latest Developments
- 13.15 Arbe
- 13.15.1 Arbe Company Information
- 13.15.2 Arbe 4D Full-Range Radar Product Portfolios and Specifications
- 13.15.3 Arbe 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.15.4 Arbe Main Business Overview
- 13.15.5 Arbe Latest Developments
- 13.16 RadSee
- 13.16.1 RadSee Company Information
- 13.16.2 RadSee 4D Full-Range Radar Product Portfolios and Specifications
- 13.16.3 RadSee 4D Full-Range Radar Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.16.4 RadSee Main Business Overview
- 13.16.5 RadSee Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. 4D Full-Range Radar Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. 4D Full-Range Radar Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Less Than 100 Meters
- Table 4. Major Players of 100-300 Meters
- Table 5. Major Players of 300-500 Meters
- Table 6. Major Players of More Than 500 Meters
- Table 7. Global 4D Full-Range Radar Sales by Type (2021-2026) & (Million Units)
- Table 8. Global 4D Full-Range Radar Sales Market Share by Type (2021-2026)
- Table 9. Global 4D Full-Range Radar Revenue by Type (2021-2026) & (\$ million)
- Table 10. Global 4D Full-Range Radar Revenue Market Share by Type (2021-2026)
- Table 11. Global 4D Full-Range Radar Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 12. Major Players of 24GHz Radar
- Table 13. Major Players of 77GHz Radar
- Table 14. Major Players of 79GHz Radar
- Table 15. Global 4D Full-Range Radar Sales by Frequency Band (2021-2026) & (Million Units)
- Table 16. Global 4D Full-Range Radar Sales Market Share by Frequency Band (2021-2026)
- Table 17. Global 4D Full-Range Radar Revenue by Frequency Band (2021-2026) & (\$ million)
- Table 18. Global 4D Full-Range Radar Revenue Market Share by Frequency Band (2021-2026)
- Table 19. Global 4D Full-Range Radar Sale Price by Frequency Band (2021-2026) & (US\$/Unit)
- Table 20. Major Players of Forward-facing Main Radar
- Table 21. Major Players of Angle Radar
- Table 22. Global 4D Full-Range Radar Sales by Installation Position (2021-2026) & (Million Units)
- Table 23. Global 4D Full-Range Radar Sales Market Share by Installation Position (2021-2026)
- Table 24. Global 4D Full-Range Radar Revenue by Installation Position (2021-2026) & (\$ million)
- Table 25. Global 4D Full-Range Radar Revenue Market Share by Installation Position

(2021-2026)

Table 26. Global 4D Full-Range Radar Sale Price by Installation Position (2021-2026) & (US\$/Unit)

Table 27. Global 4D Full-Range Radar Sale by Application (2021-2026) & (Million Units)

Table 28. Global 4D Full-Range Radar Sale Market Share by Application (2021-2026)

Table 29. Global 4D Full-Range Radar Revenue by Application (2021-2026) & (\$ million)

Table 30. Global 4D Full-Range Radar Revenue Market Share by Application (2021-2026)

Table 31. Global 4D Full-Range Radar Sale Price by Application (2021-2026) & (US\$/Unit)

Table 32. Global 4D Full-Range Radar Sales by Company (2021-2026) & (Million Units)

Table 33. Global 4D Full-Range Radar Sales Market Share by Company (2021-2026)

Table 34. Global 4D Full-Range Radar Revenue by Company (2021-2026) & (\$ millions)

Table 35. Global 4D Full-Range Radar Revenue Market Share by Company (2021-2026)

Table 36. Global 4D Full-Range Radar Sale Price by Company (2021-2026) & (US\$/Unit)

Table 37. Key Manufacturers 4D Full-Range Radar Producing Area Distribution and Sales Area

Table 38. Players 4D Full-Range Radar Products Offered

Table 39. 4D Full-Range Radar Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 40. New Products and Potential Entrants

Table 41. Market M&A Activity & Strategy

Table 42. Global 4D Full-Range Radar Sales by Geographic Region (2021-2026) & (Million Units)

Table 43. Global 4D Full-Range Radar Sales Market Share Geographic Region (2021-2026)

Table 44. Global 4D Full-Range Radar Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 45. Global 4D Full-Range Radar Revenue Market Share by Geographic Region (2021-2026)

Table 46. Global 4D Full-Range Radar Sales by Country/Region (2021-2026) & (Million Units)

Table 47. Global 4D Full-Range Radar Sales Market Share by Country/Region (2021-2026)

Table 48. Global 4D Full-Range Radar Revenue by Country/Region (2021-2026) & (\$

millions)

Table 49. Global 4D Full-Range Radar Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas 4D Full-Range Radar Sales by Country (2021-2026) & (Million Units)

Table 51. Americas 4D Full-Range Radar Sales Market Share by Country (2021-2026)

Table 52. Americas 4D Full-Range Radar Revenue by Country (2021-2026) & (\$ millions)

Table 53. Americas 4D Full-Range Radar Sales by Type (2021-2026) & (Million Units)

Table 54. Americas 4D Full-Range Radar Sales by Application (2021-2026) & (Million Units)

Table 55. APAC 4D Full-Range Radar Sales by Region (2021-2026) & (Million Units)

Table 56. APAC 4D Full-Range Radar Sales Market Share by Region (2021-2026)

Table 57. APAC 4D Full-Range Radar Revenue by Region (2021-2026) & (\$ millions)

Table 58. APAC 4D Full-Range Radar Sales by Type (2021-2026) & (Million Units)

Table 59. APAC 4D Full-Range Radar Sales by Application (2021-2026) & (Million Units)

Table 60. Europe 4D Full-Range Radar Sales by Country (2021-2026) & (Million Units)

Table 61. Europe 4D Full-Range Radar Revenue by Country (2021-2026) & (\$ millions)

Table 62. Europe 4D Full-Range Radar Sales by Type (2021-2026) & (Million Units)

Table 63. Europe 4D Full-Range Radar Sales by Application (2021-2026) & (Million Units)

Table 64. Middle East & Africa 4D Full-Range Radar Sales by Country (2021-2026) & (Million Units)

Table 65. Middle East & Africa 4D Full-Range Radar Revenue Market Share by Country (2021-2026)

Table 66. Middle East & Africa 4D Full-Range Radar Sales by Type (2021-2026) & (Million Units)

Table 67. Middle East & Africa 4D Full-Range Radar Sales by Application (2021-2026) & (Million Units)

Table 68. Key Market Drivers & Growth Opportunities of 4D Full-Range Radar

Table 69. Key Market Challenges & Risks of 4D Full-Range Radar

Table 70. Key Industry Trends of 4D Full-Range Radar

Table 71. 4D Full-Range Radar Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. 4D Full-Range Radar Distributors List

Table 74. 4D Full-Range Radar Customer List

Table 75. Global 4D Full-Range Radar Sales Forecast by Region (2027-2032) & (Million Units)

Table 76. Global 4D Full-Range Radar Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 77. Americas 4D Full-Range Radar Sales Forecast by Country (2027-2032) & (Million Units)

Table 78. Americas 4D Full-Range Radar Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. APAC 4D Full-Range Radar Sales Forecast by Region (2027-2032) & (Million Units)

Table 80. APAC 4D Full-Range Radar Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 81. Europe 4D Full-Range Radar Sales Forecast by Country (2027-2032) & (Million Units)

Table 82. Europe 4D Full-Range Radar Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Middle East & Africa 4D Full-Range Radar Sales Forecast by Country (2027-2032) & (Million Units)

Table 84. Middle East & Africa 4D Full-Range Radar Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Global 4D Full-Range Radar Sales Forecast by Type (2027-2032) & (Million Units)

Table 86. Global 4D Full-Range Radar Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 87. Global 4D Full-Range Radar Sales Forecast by Application (2027-2032) & (Million Units)

Table 88. Global 4D Full-Range Radar Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 89. ZF Friedrichshafen AG Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 90. ZF Friedrichshafen AG 4D Full-Range Radar Product Portfolios and Specifications

Table 91. ZF Friedrichshafen AG 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. ZF Friedrichshafen AG Main Business

Table 93. ZF Friedrichshafen AG Latest Developments

Table 94. Vayyar Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 95. Vayyar 4D Full-Range Radar Product Portfolios and Specifications

Table 96. Vayyar 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. Vayyar Main Business

Table 98. Vayyar Latest Developments

Table 99. Qamcom Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 100. Qamcom 4D Full-Range Radar Product Portfolios and Specifications

Table 101. Qamcom 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. Qamcom Main Business

Table 103. Qamcom Latest Developments

Table 104. Continental AG Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 105. Continental AG 4D Full-Range Radar Product Portfolios and Specifications

Table 106. Continental AG 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. Continental AG Main Business

Table 108. Continental AG Latest Developments

Table 109. Altos Radar Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 110. Altos Radar 4D Full-Range Radar Product Portfolios and Specifications

Table 111. Altos Radar 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 112. Altos Radar Main Business

Table 113. Altos Radar Latest Developments

Table 114. Aptiv Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 115. Aptiv 4D Full-Range Radar Product Portfolios and Specifications

Table 116. Aptiv 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 117. Aptiv Main Business

Table 118. Aptiv Latest Developments

Table 119. HUAWEI Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 120. HUAWEI 4D Full-Range Radar Product Portfolios and Specifications

Table 121. HUAWEI 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 122. HUAWEI Main Business

Table 123. HUAWEI Latest Developments

Table 124. Ambarella Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

|                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 125. Ambarella 4D Full-Range Radar Product Portfolios and Specifications                                                                                 |
| Table 126. Ambarella 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)                           |
| Table 127. Ambarella Main Business                                                                                                                             |
| Table 128. Ambarella Latest Developments                                                                                                                       |
| Table 129. Smartmicro Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors                                                |
| Table 130. Smartmicro 4D Full-Range Radar Product Portfolios and Specifications                                                                                |
| Table 131. Smartmicro 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)                          |
| Table 132. Smartmicro Main Business                                                                                                                            |
| Table 133. Smartmicro Latest Developments                                                                                                                      |
| Table 134. Geometrical Perception and Learning Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors                       |
| Table 135. Geometrical Perception and Learning 4D Full-Range Radar Product Portfolios and Specifications                                                       |
| Table 136. Geometrical Perception and Learning 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026) |
| Table 137. Geometrical Perception and Learning Main Business                                                                                                   |
| Table 138. Geometrical Perception and Learning Latest Developments                                                                                             |
| Table 139. ANNGIC Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors                                                    |
| Table 140. ANNGIC 4D Full-Range Radar Product Portfolios and Specifications                                                                                    |
| Table 141. ANNGIC 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)                              |
| Table 142. ANNGIC Main Business                                                                                                                                |
| Table 143. ANNGIC Latest Developments                                                                                                                          |
| Table 144. Whst Co., Ltd. Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors                                            |
| Table 145. Whst Co., Ltd. 4D Full-Range Radar Product Portfolios and Specifications                                                                            |
| Table 146. Whst Co., Ltd. 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)                      |
| Table 147. Whst Co., Ltd. Main Business                                                                                                                        |
| Table 148. Whst Co., Ltd. Latest Developments                                                                                                                  |
| Table 149. SINPRO Intelligent Technology(shanghai) Co., Ltd. Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors         |
| Table 150. SINPRO Intelligent Technology(shanghai) Co., Ltd. 4D Full-Range Radar Product Portfolios and Specifications                                         |
| Table 151. SINPRO Intelligent Technology(shanghai) Co., Ltd. 4D Full-Range Radar                                                                               |

Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 152. SINPRO Intelligent Technology(shanghai) Co., Ltd. Main Business

Table 153. SINPRO Intelligent Technology(shanghai) Co., Ltd. Latest Developments

Table 154. Shenzhen Chengtai Technology Co. Ltd Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 155. Shenzhen Chengtai Technology Co. Ltd 4D Full-Range Radar Product Portfolios and Specifications

Table 156. Shenzhen Chengtai Technology Co. Ltd 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 157. Shenzhen Chengtai Technology Co. Ltd Main Business

Table 158. Shenzhen Chengtai Technology Co. Ltd Latest Developments

Table 159. Arbe Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 160. Arbe 4D Full-Range Radar Product Portfolios and Specifications

Table 161. Arbe 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 162. Arbe Main Business

Table 163. Arbe Latest Developments

Table 164. RadSee Basic Information, 4D Full-Range Radar Manufacturing Base, Sales Area and Its Competitors

Table 165. RadSee 4D Full-Range Radar Product Portfolios and Specifications

Table 166. RadSee 4D Full-Range Radar Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 167. RadSee Main Business

Table 168. RadSee Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of 4D Full-Range Radar
- Figure 2. 4D Full-Range Radar Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global 4D Full-Range Radar Sales Growth Rate 2021-2032 (Million Units)
- Figure 7. Global 4D Full-Range Radar Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. 4D Full-Range Radar Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. 4D Full-Range Radar Sales Market Share by Country/Region (2025)
- Figure 10. 4D Full-Range Radar Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Less Than 100 Meters
- Figure 12. Product Picture of 100-300 Meters
- Figure 13. Product Picture of 300-500 Meters
- Figure 14. Product Picture of More Than 500 Meters
- Figure 15. Global 4D Full-Range Radar Sales Market Share by Type in 2026
- Figure 16. Global 4D Full-Range Radar Revenue Market Share by Type (2021-2026)
- Figure 17. Product Picture of 24GHz Radar
- Figure 18. Product Picture of 77GHz Radar
- Figure 19. Product Picture of 79GHz Radar
- Figure 20. Global 4D Full-Range Radar Sales Market Share by Frequency Band in 2026
- Figure 21. Global 4D Full-Range Radar Revenue Market Share by Frequency Band (2021-2026)
- Figure 22. Product Picture of Forward-facing Main Radar
- Figure 23. Product Picture of Angle Radar
- Figure 24. Global 4D Full-Range Radar Sales Market Share by Installation Position in 2026
- Figure 25. Global 4D Full-Range Radar Revenue Market Share by Installation Position (2021-2026)
- Figure 26. 4D Full-Range Radar Consumed in Car
- Figure 27. Global 4D Full-Range Radar Market: Car (2021-2026) & (Million Units)
- Figure 28. 4D Full-Range Radar Consumed in Drone
- Figure 29. Global 4D Full-Range Radar Market: Drone (2021-2026) & (Million Units)
- Figure 30. 4D Full-Range Radar Consumed in Consumer Electronics

Figure 31. Global 4D Full-Range Radar Market: Consumer Electronics (2021-2026) & (Million Units)

Figure 32. 4D Full-Range Radar Consumed in Military Industry

Figure 33. Global 4D Full-Range Radar Market: Military Industry (2021-2026) & (Million Units)

Figure 34. 4D Full-Range Radar Consumed in Other

Figure 35. Global 4D Full-Range Radar Market: Other (2021-2026) & (Million Units)

Figure 36. Global 4D Full-Range Radar Sale Market Share by Application (2025)

Figure 37. Global 4D Full-Range Radar Revenue Market Share by Application in 2025

Figure 38. 4D Full-Range Radar Sales by Company in 2025 (Million Units)

Figure 39. Global 4D Full-Range Radar Sales Market Share by Company in 2025

Figure 40. 4D Full-Range Radar Revenue by Company in 2025 (\$ millions)

Figure 41. Global 4D Full-Range Radar Revenue Market Share by Company in 2025

Figure 42. Global 4D Full-Range Radar Sales Market Share by Geographic Region (2021-2026)

Figure 43. Global 4D Full-Range Radar Revenue Market Share by Geographic Region in 2025

Figure 44. Americas 4D Full-Range Radar Sales 2021-2026 (Million Units)

Figure 45. Americas 4D Full-Range Radar Revenue 2021-2026 (\$ millions)

Figure 46. APAC 4D Full-Range Radar Sales 2021-2026 (Million Units)

Figure 47. APAC 4D Full-Range Radar Revenue 2021-2026 (\$ millions)

Figure 48. Europe 4D Full-Range Radar Sales 2021-2026 (Million Units)

Figure 49. Europe 4D Full-Range Radar Revenue 2021-2026 (\$ millions)

Figure 50. Middle East & Africa 4D Full-Range Radar Sales 2021-2026 (Million Units)

Figure 51. Middle East & Africa 4D Full-Range Radar Revenue 2021-2026 (\$ millions)

Figure 52. Americas 4D Full-Range Radar Sales Market Share by Country in 2025

Figure 53. Americas 4D Full-Range Radar Revenue Market Share by Country (2021-2026)

Figure 54. Americas 4D Full-Range Radar Sales Market Share by Type (2021-2026)

Figure 55. Americas 4D Full-Range Radar Sales Market Share by Application (2021-2026)

Figure 56. United States 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 57. Canada 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 58. Mexico 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 59. Brazil 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 60. APAC 4D Full-Range Radar Sales Market Share by Region in 2025

Figure 61. APAC 4D Full-Range Radar Revenue Market Share by Region (2021-2026)

Figure 62. APAC 4D Full-Range Radar Sales Market Share by Type (2021-2026)

Figure 63. APAC 4D Full-Range Radar Sales Market Share by Application (2021-2026)

Figure 64. China 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 65. Japan 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 66. South Korea 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 67. Southeast Asia 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 68. India 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 69. Australia 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 70. China Taiwan 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 71. Europe 4D Full-Range Radar Sales Market Share by Country in 2025

Figure 72. Europe 4D Full-Range Radar Revenue Market Share by Country (2021-2026)

Figure 73. Europe 4D Full-Range Radar Sales Market Share by Type (2021-2026)

Figure 74. Europe 4D Full-Range Radar Sales Market Share by Application (2021-2026)

Figure 75. Germany 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 76. France 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 77. UK 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 78. Italy 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 79. Russia 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 80. Middle East & Africa 4D Full-Range Radar Sales Market Share by Country (2021-2026)

Figure 81. Middle East & Africa 4D Full-Range Radar Sales Market Share by Type (2021-2026)

Figure 82. Middle East & Africa 4D Full-Range Radar Sales Market Share by Application (2021-2026)

Figure 83. Egypt 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 84. South Africa 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 85. Israel 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 86. Turkey 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 87. GCC Countries 4D Full-Range Radar Revenue Growth 2021-2026 (\$ millions)

Figure 88. Manufacturing Cost Structure Analysis of 4D Full-Range Radar in 2026

Figure 89. Manufacturing Process Analysis of 4D Full-Range Radar

Figure 90. Industry Chain Structure of 4D Full-Range Radar

Figure 91. Channels of Distribution

Figure 92. Global 4D Full-Range Radar Sales Market Forecast by Region (2027-2032)

Figure 93. Global 4D Full-Range Radar Revenue Market Share Forecast by Region (2027-2032)

Figure 94. Global 4D Full-Range Radar Sales Market Share Forecast by Type

(2027-2032)

Figure 95. Global 4D Full-Range Radar Revenue Market Share Forecast by Type

(2027-2032)

Figure 96. Global 4D Full-Range Radar Sales Market Share Forecast by Application

(2027-2032)

Figure 97. Global 4D Full-Range Radar Revenue Market Share Forecast by Application

(2027-2032)

## I would like to order

Product name: Global 4D Full-Range Radar Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GABFE843FEF3EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GABFE843FEF3EN.html>