

# Global 4D Imaging Radar Module 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 4D Imaging Radar Module market size was valued at US\$ 2943 million in 2025 and is forecast to a readjusted size of US\$ 9836 million by 2032 with a CAGR of 18.7% during review period.

In 2025, global 4D Imaging Radar Module production reached approximately 15.46 million units, with an average global market price of around US\$185 per unit.

The gross profit margin of major companies in the industry is between 22% ? 40%.

In 2025, the global production capacity of 4D Imaging Radar Module was approximately 20.61 million units.

4D Imaging Radar Module is an automotive sensing module capable of detecting range, speed, azimuth, and elevation information to generate richer spatial perception than conventional radar. It improves target discrimination, object classification, and environmental understanding, making it increasingly important in advanced driver assistance and autonomous driving systems.

The industrial chain of 4D Imaging Radar Module includes upstream RF chips, antennas, substrates, processors, sensors, housings, and software algorithms. Midstream covers module design, RF calibration, assembly, testing, and perception integration. Downstream applications mainly include passenger vehicles, commercial vehicles, ADAS systems, autonomous driving platforms, and intelligent transportation equipment.

This report is a detailed and comprehensive analysis for global 4D Imaging Radar Module 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 4D Imaging Radar Module market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global 4D Imaging Radar Module 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 4D Imaging Radar Module 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 4D Imaging Radar Module 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 4D Imaging Radar Module

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 4D Imaging Radar Module 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 Continental, ZF, Valeo, smartmicro, bitsensing, Mobileye, Uhnder, CubTEK, HIRAIN, Huawei, etc.

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

## **Market Segmentation**

4D Imaging Radar Module 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

77GHz Automotive 4D Radar

24GHz Short-Range 4D Radar

### Market segment by Detection Range

Short-Range 4D Imaging Radar

Mid-Range 4D Imaging Radar

Long-Range 4D Imaging Radar

### Market segment by Channel & Angular Resolution

Low Angular Resolution Module

Medium Angular Resolution Module

High-Definition 4D Radar Module

### Market segment by Application

Autonomous Driving & ADAS

Smart Traffic Monitoring

Industrial Security Perception

Other

#### Major players covered

Continental

ZF

Valeo

smartmicro

bitsensing

Mobileye

Uhnder

CubTEK

HIRAIN

Huawei

#### 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 4D Imaging Radar Module product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 4D Imaging Radar Module, with price, sales quantity, revenue, and global market share of 4D Imaging Radar Module from 2021 to 2026.

Chapter 3, the 4D Imaging Radar Module competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 4D Imaging Radar Module 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 4D Imaging Radar Module 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 4D Imaging Radar Module.

Chapter 14 and 15, to describe 4D Imaging Radar Module sales channel, distributors,

customers, research findings and conclusion.

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