

Air and Missile Defense Radar (AMDR) Market by Platform (Ground-based, Naval- based, Airborne-based), Range (Short Range, Medium Range, Long Range and Strategic System), Application (Ballistic Missile Defense, Conventional), and Region 2023-2028

<https://marketpublishers.com/r/A202C2889580EN.html>

Date: June 2023

Pages: 137

Price: US\$ 2,499.00 (Single User License)

ID: A202C2889580EN

Abstracts

The global air and missile defense radar (AMDR) market size reached US\$ 13.02 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 18.70 Billion by 2028, exhibiting a growth rate (CAGR) of 6.10% during 2023-2028. The increasing global security concerns, the widespread integration with command-and-control systems, and continual advancements in radar technologies represent some of the key factors driving the market.

The air and missile defense radar (AMDR) are an advanced radar system designed to provide comprehensive surveillance and protection against airborne threats, including aircraft and ballistic missiles. It is a crucial component of modern defense systems, enabling early detection, tracking, and engagement of hostile targets to enhance the effectiveness of air and missile defense operations. It utilizes advanced radar technology, including active electronically scanned arrays (AESAs), to achieve superior performance in terms of range, accuracy, and multi-mission capabilities. It operates by emitting high-frequency radio waves and analyzing the reflections from the targets in its coverage area. It has the ability to detect and track multiple targets simultaneously, including low-flying aircraft and ballistic missiles. This provides an enhanced situational awareness for defense operators, enabling them to make informed decisions and effectively engage incoming threats. Besides, it can be integrated into various platforms, including ground-based systems, naval vessels, and mobile units, providing flexibility and adaptability to different operational environments.

Air and Missile Defense Radar (AMDR) Market Trends:

The market is primarily driven by the increasing global security concerns. Along with this, the increasing geopolitical tensions among various countries have led to a rise in the demand for air and missile defense capabilities, which is propelling the market. Moreover, the increasing emphasis on multi-domain operations, which involve integrating air, land, sea, cyber, and space domains, is catalyzing the growth of the market. Apart from this, ongoing advancements in radar technologies, such as active electronically scanned arrays (AESAs), have enhanced the performance and capabilities of AMDR systems, which in turn is creating a positive market outlook. Besides, AMDR systems with enhanced speed, range, and tracking capabilities are sought after to effectively detect and counter hypersonic threats, contributing to the market. Furthermore, the integration with command-and-control systems is creating a positive market outlook as integration allows for real-time data sharing, improved situational awareness, and efficient decision-making, further fueling the adoption of AMDR systems. Besides, the rising government initiatives and policies that prioritize national security and defense modernization are supporting the growth of the market. Moreover, the demand for secure and resilient AMDR systems that can withstand cyber threats drives investment in innovative technologies and solutions is impacting the market favorably.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global air and missile defense radar (AMDR) market, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on platform, range, and application.

Platform Insights:

- Ground-based
- Naval- based
- Airborne-based

The report has provided a detailed breakup and analysis of the air and missile defense radar (AMDR) market based on the platform has also been provided in the report. This includes ground-based, naval-based, and airborne-based. According to the report, naval-based exhibit a clear dominance in the market.

Range Insights:

Short Range
Medium Range
Long Range and Strategic System

A detailed breakup and analysis of the air and missile defense radar (AMDR) market based on the range has also been provided in the report. This includes short range, medium range, long range and strategic system.

Application Insights:

Ballistic Missile Defense
Conventional

A detailed breakup and analysis of the air and missile defense radar (AMDR) market based on the application has also been provided in the report. This includes ballistic missile defense, and conventional.

Regional Insights:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, North America exhibits a clear dominance in the market. Some of the factors driving the North America air and missile defense radar (AMDR) market included the rising demand for secure and resilient AMDR systems, numerous favorable government initiatives and policies, and the increasing geopolitical tensions among various countries.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global air and missile defense radar (AMDR) market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Israel Aerospace Industries Ltd., Leonardo S.p.A., Lockheed Martin Corporation, Northrop Grumman Corporation, Raytheon Technologies Corporation, Reutech Radar Systems (Reunert Ltd.), Rheinmetall AG, Saab AB, Thales Group, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global air and missile defense radar (AMDR) market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global air and missile defense radar (AMDR) market?

What is the impact of each driver, restraint, and opportunity on the global air and missile defense radar (AMDR) market?

What are the key regional markets?

Which countries represent the most attractive air and missile defense radar (AMDR) market?

What is the breakup of the market based on the platform?

Which is the most attractive platform in the air and missile defense radar (AMDR) market?

What is the breakup of the market based on the range?

Which is the most attractive range in the air and missile defense radar (AMDR) market?

What is the breakup of the market based on application?

Which is the most attractive application in the air and missile defense radar (AMDR) market?

What is the competitive structure of the global air and missile defense radar (AMDR) market?

Who are the key players/companies in the global air and missile defense radar (AMDR) market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL AIR AND MISSILE DEFENSE RADAR (AMDR) MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PLATFORM

- 6.1 Ground-based
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Naval-based
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Airborne-based

6.3.1 Market Trends

6.3.2 Market Forecast

7 MARKET BREAKUP BY RANGE

7.1 Short Range

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Medium Range

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Long Range and Strategic System

7.3.1 Market Trends

7.3.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

8.1 Ballistic Missile Defence

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Conventional

8.2.1 Market Trends

8.2.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

- 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 DRIVERS, RESTRAINTS, AND OPPORTUNITIES

10.1 Overview

10.2 Drivers

10.3 Restraints

10.4 Opportunities

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

14.1 Market Structure

14.2 Key Players

14.3 Profiles of Key Players

- 14.3.1 Israel Aerospace Industries Ltd.
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Leonardo S.p.A.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.3 Lockheed Martin Corporation
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Northrop Grumman Corporation
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
 - 14.3.5 Raytheon Technologies Corporation
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
 - 14.3.6 Reutech Radar Systems (Reunert Ltd.)
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.7 Rheinmetall AG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.8 Saab AB
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
 - 14.3.9 Thales Group
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- Kindly note that this only represents a partial list of

companies, and the complete list has been provided in the report.

List Of Tables

LIST OF TABLES

Table 1: Global: Air and Missile Defense Radar Market: Key Industry Highlights, 2022 & 2028

Table 2: Global: Air and Missile Defense Radar Market Forecast: Breakup by Platform (in Million US\$), 2023-2028

Table 3: Global: Air and Missile Defense Radar Market Forecast: Breakup by Range (in Million US\$), 2023-2028

Table 4: Global: Air and Missile Defense Radar Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Air and Missile Defense Radar Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Air and Missile Defense Radar Market: Competitive Structure

Table 7: Global: Air and Missile Defense Radar Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Air and Missile Defense Radar Market: Major Drivers and Challenges

Figure 2: Global: Air and Missile Defense Radar Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Air and Missile Defense Radar Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Air and Missile Defense Radar Market: Breakup by Platform (in %), 2022

Figure 5: Global: Air and Missile Defense Radar Market: Breakup by Range (in %), 2022

Figure 6: Global: Air and Missile Defense Radar Market: Breakup by Application (in %), 2022

Figure 7: Global: Air and Missile Defense Radar Market: Breakup by Region (in %), 2022

Figure 8: Global: Air and Missile Defense Radar (Ground-based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Air and Missile Defense Radar (Ground-based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Air and Missile Defense Radar (Naval-based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Air and Missile Defense Radar (Naval-based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Air and Missile Defense Radar (Airborne-based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Air and Missile Defense Radar (Airborne-based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Air and Missile Defense Radar (Short Range) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Air and Missile Defense Radar (Short Range) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Air and Missile Defense Radar (Medium Range) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Air and Missile Defense Radar (Medium Range) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Air and Missile Defense Radar (Long Range and Strategic System) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Air and Missile Defense Radar (Long Range and Strategic System) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Air and Missile Defense Radar (Ballistic Missile Defence) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Air and Missile Defense Radar (Ballistic Missile Defence) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Air and Missile Defense Radar (Conventional) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Air and Missile Defense Radar (Conventional) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: North America: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: North America: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: United States: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: United States: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Canada: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Canada: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Asia-Pacific: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Asia-Pacific: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: China: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: China: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Japan: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Japan: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: India: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: India: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: South Korea: Air and Missile Defense Radar Market: Sales Value (in Million

US\$), 2017 & 2022

Figure 39: South Korea: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Australia: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Australia: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Indonesia: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Indonesia: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Others: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Others: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Europe: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Europe: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Germany: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Germany: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: France: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: France: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: United Kingdom: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: United Kingdom: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Italy: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Italy: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Spain: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Spain: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Russia: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Russia: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Others: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Others: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Latin America: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Latin America: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Brazil: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Brazil: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Mexico: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Mexico: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Others: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Middle East and Africa: Air and Missile Defense Radar Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Middle East and Africa: Air and Missile Defense Radar Market: Breakup by Country (in %), 2022

Figure 72: Middle East and Africa: Air and Missile Defense Radar Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: Global: Air and Missile Defense Radar Industry: Drivers, Restraints, and Opportunities

Figure 74: Global: Air and Missile Defense Radar Industry: Value Chain Analysis

Figure 75: Global: Air and Missile Defense Radar Industry: Porter's Five Forces Analysis

I would like to order

Product name: Air and Missile Defense Radar (AMDR) Market by Platform (Ground-based, Naval- based, Airborne-based), Range (Short Range, Medium Range, Long Range and Strategic System), Application (Ballistic Missile Defense, Conventional), and Region 2023-2028

Product link: <https://marketpublishers.com/r/A202C2889580EN.html>

Price: US\$ 2,499.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A202C2889580EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970