

X-Band Radar - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the X-Band Radar market is accounted for \$4.76 billion in 2017 and is expected to reach \$7.65 billion by 2026 growing at a CAGR of 5.4%. Increasing security concerns, growing use of the X-band radar in defense and increase in use of radar systems for digital signal processing are factors favouring the market growth. However, high cost incurred in system development and strict government regulations are hampering the market growth.

X-band radars are used in variety of operations such as air-traffic control at airports and long range surveillance and alarming systems for defence applications. X-band radars are great for studying cloud expansion since they can detect light precipitation such as snow and even tiny water particles. Generally airplanes are equipped with X-band radars so as to be able to pick up turbulence and other weather phenomena. They are operating at a frequency of 8-12 GHz and on a wavelength of 2.5-4 cm, these radars are more sensitive and can identify even the smallest of particles.

Based on type, mobile X-band radar segment is expected to grow at a considerable market share due to wide range of applications and enhanced usage in air traffic control, early weather warning, perimeter surveillance and airborne surveillance. Mobile x-band radar is generally deployed in the coastal areas and in aircrafts whereas sea-based x-band radar is mounted on a floating tower attached in the sea. By geography, Asia-Pacific is anticipated to exhibit highest growth owing to need to counter increasing terrorist activities and the various military equipment modernization programs are fuelling the market growth in this region.

Some of the key players in the X-Band Radar market include The Raytheon Company, Japan Radio Company Limited, Selex Es S.P.A, Reutech Radar Systems (PTY) Ltd., Terma A/S, Thales Raytheon Systems Company LLC, Saab AB, Northrop Grumman Corporation, Israel Aerospace Industries, Furuno Electric Company Ltd. and Kelvin

Hughes Limited, Detect, Inc and Prosensing Inc.

Types Covered:

Sea-Based X-Band Radar (SBX)

Mobile X-Band Radar

System Components Covered:

Communication System

Command and Control System

Arrays Covered:

Passive Electronically Scanned Array (PESA)

Active Electronically Scanned Array (AESA)

Applications Covered:

Government

Commercial

Defense

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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