

Synthetic Aperture Radar Market Revenues to Reach USD 7.92 billion by 2028 - Market Size, Share, Forecasts, & Trends Analysis Report by Mordor Intelligence

According to a new market research report titled "[Synthetic Aperture Radar Market Report \(2023-2028\)](#)," the market is estimated at USD 4.68 billion in 2023. It is expected to register a CAGR of 11.07% during the forecast period.

Synthetic aperture radar, or SAR, is a radar technology that can create detailed images of objects or landscapes with higher spatial resolution than conventional radars. It finds applications in military, defense, monitoring, exploration, and other fields. SAR systems and data are expected to be in high demand due to innovations in drones and navigation systems for unmanned aerial vehicles (UAVs).

Report Summary:

Report Attribute	Details
Market Size (2023)	USD 4.68 billion
Market Size (2028)	USD 7.92 billion
CAGR (2023-2028)	11.07%
Study Period	2018-2028
Fastest Growing Market	Asia-Pacific
Largest Market	North America
Forecast Units	Value (USD billion)
Report Scope	Market Dynamics, Revenue Forecast and Segmentation, Competitive Landscape and Recent Developments, Market Growth, Future Opportunities, and Trends
Key Market Drivers	Increased demand for monitoring oil inventories.
	Revised regulations for licensing private remote sensing space systems.

Who are the Top Companies in the Global Synthetic Aperture Radar Market?

The market is moderately fragmented and has relatively moderate product differentiation. There are several international and regional synthetic aperture radar companies in the global space. These companies are heavily investing in maintaining their distinct competitive advantage using strategic collaborations and acquisitions.

The most significant players in the global synthetic aperture radar market in 2023 are:

- Lockheed Martin Corporation
- Airbus SE
- Aselsan AS
- BAE Systems PLC

- Cobham PLC (Advent)
- General Atomics Aeronautical Systems Inc.
- L3Harris Technologies
- IMSAR LLC
- Israel Aerospace Industries Ltd
- Leonardo SpA
- Maxar Technologies Ltd
- MetaSensing Group
- Northrop Grumman Corporation
- Raytheon Company
- Saab AB
- SAR AERO
- SRC Inc.
- Thales Group

Other Reports That Might Be of Your Interest:

- [Radar Systems Market Report](#) - The global radar systems market size is expected to grow from USD 32.34 billion in 2023 to USD 42.65 billion by 2028, at a CAGR of 5.69% during the forecast period (2023-2028).
- [Military Radars Market Report](#) - The global military radars market size is expected to grow from USD 15.89 billion in 2023 to USD 20.42 billion by 2028, at a CAGR of 5.15% during the forecast period (2023-2028).

Key Highlights from the Global Synthetic Aperture Radar Market Report:

Growing Demand in Military & Defense Applications

- Synthetic aperture radars are used in various military applications, including battlefield surveillance, weapon guidance, and mission planning.
- Missile-born SAR offers high-precision targeting. On the ground, SAR systems are majorly adopted for fire control and accuracy control of weapons, intelligence, and reconnaissance missions.

Significant Growth in North America

- The defense budget of the United States is the largest in the world, and it is increasing each year. Contracts worth millions of dollars have been awarded to companies for moving target recognition projects.
- Canada is prioritizing satellite imaging using SAR for research, innovation, and economic growth.

What are the Latest Developments in the Global Synthetic Aperture Radar Market?

- In May 2022, ICEYE partnered with the European Space Agency to provide flood information to Copernicus Emergency Services.
- In November 2022, Synspective and Geo Climate Risk Solutions Pvt. Ltd (GCRS) partnered for SAR-based analysis solutions for critical infrastructure and mining industries in India and South Asia.

Mordor Intelligence has Segmented the Global Synthetic Aperture Radar Market Based on Application and Geography

- By Application (Market Size and Forecast based on Value (USD billion), 2018-2028)
 - Military and Defense
 - Monitoring and Exploration
 - Other Applications
- By Geography (Market Size and Forecast based on Value (USD billion), 2018-2028)
 - North America
 - Europe
 - Asia-Pacific
 - Latin America
 - Middle East & Africa

In a nutshell, the Mordor Intelligence market research report is a must-read for start-ups, industry players, investors, researchers, consultants, business strategists, and all those who are looking to understand this industry. Get a glance at the [Global Synthetic Aperture Radar Market Report \(2023-2028\)](#).

Mordor Intelligence constantly tracks industry trends. Some relevant market reports from the analysts that might be of interest to you:

- [Radar Level Transmitter Market Report](#) - The global radar level transmitters market size is expected to grow from USD 541.79 million in 2023 to USD 717.20 million by 2028, at a CAGR of 5.77% during the forecast period (2023-2028).
- [City Surveillance Market Report](#) - The global city surveillance market size is estimated at USD 12.23 billion in 2023. It is expected to reach USD 18.39 billion by 2028, registering a CAGR of 8.50% during the forecast period (2023-2028).
- [Electronic Article Surveillance Market Report](#) - The global electronic article surveillance market size is expected to grow from USD 1.17 billion in 2023 to USD 1.41 billion by 2028, at a CAGR of 3.86% during the forecast period (2023-2028).

About Mordor Intelligence:

[Mordor Intelligence](#) is a market intelligence and advisory firm. At Mordor Intelligence, we believe in predicting butterfly effects that have the potential to change or significantly impact market dynamics.

Our market research reports are comprehensive and provide exclusive data, facts and figures, trends, and the competitive landscape of the industry.