

Global Low Altitude Surveillance Radar Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Low Altitude Surveillance Radar market size is expected to reach \$ 367 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

In 2024, global Low Altitude Surveillance Radar production reached approximately 500 units, with an average global market price of around US\$ 440000 per unit. Low Altitude Surveillance Radar refers to a specialized type of radar system designed to detect, track, and monitor objects — such as aircraft, drones, missiles, or vehicles — flying or moving at low altitudes, typically below 5,000 feet (1,500 meters). These systems are critical in both military and civilian applications for maintaining airspace security, early threat detection, and situational awareness close to the ground.

The Low Altitude Surveillance Radar (LASR) market is witnessing steady growth, driven by increasing global demand for enhanced airspace monitoring, border security, and defense capabilities. These radar systems are specifically designed to detect and track low-flying aerial objects such as drones, helicopters, cruise missiles, and aircraft attempting to evade conventional high-altitude radar systems. As threats from unmanned aerial vehicles (UAVs) and low-flying projectiles become more frequent and sophisticated, both military and civilian sectors are investing in advanced LASR technologies to strengthen situational awareness and early threat detection at lower altitudes. Regionally, North America holds a dominant share of the LASR market due to significant defense spending and the presence of major radar system manufacturers. Asia-Pacific is a rapidly growing market, fueled by regional tensions, increased military modernization in countries like China and India, and growing investments in homeland security infrastructure. Europe also represents a strong market, driven by both defense upgrades and the need for counter-UAV systems. Despite the promising outlook,

challenges such as high acquisition costs, integration complexity, and regulatory restrictions on radar frequencies may restrain widespread adoption in some regions. However, with the continued rise in asymmetric threats and border-related tensions, the Low Altitude Surveillance Radar market is expected to see strong and sustained demand over the next decade. In conclusion, as the global security landscape evolves, LASR systems are becoming a crucial component of multi-layered surveillance and defense architectures, enabling timely detection and response to threats flying below the radar — both literally and strategically.

This report studies the global Low Altitude Surveillance Radar production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Low Altitude Surveillance Radar and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Low Altitude Surveillance Radar that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Low Altitude Surveillance Radar total production and demand, 2021-2032, (Units)

Global Low Altitude Surveillance Radar total production value, 2021-2032, (USD Million)

Global Low Altitude Surveillance Radar production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Low Altitude Surveillance Radar consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Low Altitude Surveillance Radar domestic production, consumption, key domestic manufacturers and share

Global Low Altitude Surveillance Radar production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Low Altitude Surveillance Radar production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Low Altitude Surveillance Radar production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Low Altitude Surveillance Radar market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Thales, Airbus, IAI, SRC, CETC,

Blighter, Bharat Electronics, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Low Altitude Surveillance Radar market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Low Altitude Surveillance Radar Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Low Altitude Surveillance Radar Market, Segmentation by Type:

Vehicle

Portable

Global Low Altitude Surveillance Radar Market, Segmentation by Application:

Ground Surveillance

Coastal Surveillance

Companies Profiled:

Thales

Airbus

IAI

SRC

CETC

Blighter

Bharat Electronics

Key Questions Answered:

1. How big is the global Low Altitude Surveillance Radar market?
2. What is the demand of the global Low Altitude Surveillance Radar market?
3. What is the year over year growth of the global Low Altitude Surveillance Radar market?
4. What is the production and production value of the global Low Altitude Surveillance Radar market?
5. Who are the key producers in the global Low Altitude Surveillance Radar market?
6. What are the growth factors driving the market demand?

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