

# Airborne ISR Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global airborne ISR market size reached US\$ 28.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 37.5 Billion by 2028, exhibiting a growth rate (CAGR) of 4.43% during 2023-2028.

Airborne intelligence, surveillance and reconnaissance (ISR) systems help in finding and tracking friendly as well as hostile forces and assessing damage to hostile targets in an area of interest. They also assist in performing various security operations to enhance situational awareness for military personnel protection. These systems employ three different types of electronic sensors for capturing information which include electro-optical/infrared (EO/IR) sensors, radar, and signals intelligence (SIGINT) systems. Nowadays, defense authorities are expending on airborne ISR systems in order to improve national security and acquire data from potential enemies.

### Global Airborne ISR Market Drivers:

In comparison with manned ISR aircraft, unmanned aerial vehicles (UAVs) are smaller, more reliable and cost-effective. They are also equipped with a range of systems like an engine, autopilot, airframe, sensor package, navigation system and a communication link, and onboard sensors such as GPS, LASER, SAR (Synthetic Aperture Radar) and IMU (Inertial Measurement Unit). As a result, the demand for UAVs is being propelled around the world which, in turn, is driving the growth of the airborne ISR market. Moreover, on account of economic prosperity, growing threats of terror attacks, and increasing political and religious clashes, several countries worldwide are focusing on enhancing their warfare capabilities. This assists in averting enemy trespasses and helps in gathering information about their strengths and movements.

### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global airborne ISR market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on platform, system, type, fuel type and application.

### Breakup by Platform:

- Air
  - Airborne Ground Surveillance
  - Electronic Warfare
  - Communications
  - Airborne Early Warning
- Space
  - Satellite
  - Communication Data Link
- Electro-Optical/Infra-Red (EO/IR)
- Land
  - Electronic Warfare
  - Communications and Radar
  - C3 Systems
- Sea
  - Electronic Warfare
  - Radar and Sonar
  - Unmanned Aerial Vehicle (UAV)

### Breakup by System:

- Maritime Patrol
- Electronic Warfare
- Airborne Early Warning and Control (AEWC)
- Airborne Ground Surveillance (AGS)
- Signals Intelligence (SIGINT)

### Breakup by Type:

- Surveillance
- Reconnaissance
- Intelligence

### Breakup by Fuel Type:

Hydrogen Fuel-Cells  
Solar Powered  
Alternate Fuel  
Battery Operated  
Gas-Electric Hybrids

### Breakup by Application:

Manned Intelligence Surveillance and Reconnaissance (ISR)  
Unmanned Intelligence Surveillance and Reconnaissance (ISR)

### Breakup by Region:

North America  
Europe  
Asia Pacific  
Middle East and Africa  
Latin America

### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being BAE Systems PLC, L3Harris Technologies, Inc., Kratos Defense & Security Solutions Inc., Thales Raytheon Systems, Elbit Systems Ltd, UTC Aerospace Systems (United Technologies Corporation), General Dynamics, CACI International Inc., Northrop Grumman Corporation, Lockheed Martin Corporation, FLIR Systems Inc., Airbus, General Atomics, etc.

### Key Questions Answered in This Report

1. What was the size of the global airborne ISR market in 2022?
2. What is the expected growth rate of the global airborne ISR market during 2023-2028?
3. What are the key factors driving the global airborne ISR market?
4. What has been the impact of COVID-19 on the global airborne ISR market?
5. What is the breakup of the global airborne ISR market based on the platform?

6. What is the breakup of the global airborne ISR market based on the system?
7. What is the breakup of the global airborne ISR market based on the type?
8. What is the breakup of the global airborne ISR market based on the fuel type?
9. What is the breakup of the global airborne ISR market based on the application?
10. What are the key regions in the global airborne ISR market?
11. Who are the key players/companies in the global airborne ISR market?

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