

Acoustic Camera Market Size, Share, and Outlook, 2025 Report- By Application (Noise Source Identification, Leakage Detection, Others), By Measurement (Far Field, Near Field), By End-User (Infrastructure, Automotive, Industrial, Electronics & Appliance, Aerospace, Energy & Power, Education & Research), By Array (2D Array, 3D Array), 2018-2032

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Abstracts

Acoustic Camera Market Outlook

The Acoustic Camera Market size is expected to register a growth rate of 4.7% during the forecast period from \$191.62 Million in 2025 to \$264.3 Million in 2032. The Acoustic Camera market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Acoustic Camera segments across 22 countries from 2021 to 2032. Key segments in the report include By Application (Noise Source Identification, Leakage Detection, Others), By Measurement (Far Field, Near Field), By End-User (Infrastructure, Automotive, Industrial, Electronics & Appliance, Aerospace, Energy & Power, Education & Research), By Array (2D Array, 3D Array). Over 70 tables and charts showcase findings from our latest survey report on Acoustic Camera markets.

Acoustic Camera Market Insights, 2025

The acoustic camera market is growing as industries such as automotive, aerospace, and industrial manufacturing adopt advanced sound analysis technologies for noise

source identification and predictive maintenance. Acoustic cameras use microphone arrays and real-time imaging to visualize sound patterns, enabling precise diagnostics for equipment malfunction detection, quality control, and environmental noise analysis. Companies like Bosch & Kär, FLIR Systems, and Siemens are developing high-resolution acoustic cameras with AI-powered sound classification, real-time anomaly detection, and integration with industrial IoT platforms. The rising emphasis on workplace safety and regulatory compliance for noise pollution is further driving demand. Additionally, in the automotive sector, acoustic cameras are playing a crucial role in the development of electric vehicles (EVs) by analyzing cabin acoustics and optimizing noise cancellation technologies for enhanced user experience.

Five Trends that will define global Acoustic Camera market in 2025 and Beyond

A closer look at the multi-million market for Acoustic Camera identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Acoustic Camera companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Acoustic Camera vendors.

What are the biggest opportunities for growth in the Acoustic Camera industry?

The Acoustic Camera sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

Acoustic Camera Market Segment Insights

The Acoustic Camera industry presents strong offers across categories. The analytical report offers forecasts of Acoustic Camera industry performance across segments and countries. Key segments in the industry include%li%By Application (Noise Source Identification, Leakage Detection, Others), By Measurement (Far Field, Near Field), By End-User (Infrastructure, Automotive, Industrial, Electronics & Appliance, Aerospace, Energy & Power, Education & Research), By Array (2D Array, 3D Array). The largest

types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Acoustic Camera market size outlook is provided for 22 countries across these regions.

Market Value Chain

The chapter identifies potential companies and their operations across the global Acoustic Camera industry ecosystem. It assists decision-makers in evaluating global Acoustic Camera market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Acoustic Camera industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

Asia Pacific Acoustic Camera Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

The State of Europe Acoustic Camera Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of

the largest markets for Acoustic Camera with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Acoustic Camera market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Acoustic Camera market Insights%li%Vendors are exploring new opportunities within the US Acoustic Camera industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Acoustic Camera companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Acoustic Camera market.

Latin American Acoustic Camera market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly gaining business growth in the region.

Middle East and Africa Acoustic Camera Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Acoustic Camera markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Acoustic Camera markets including

the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Acoustic Camera companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include BR?EL & KJ?R, CAE Software and Systems GmbH, gfai tech GmbH, Microflown Technologies, Norsonic AS, Siemens PLM Software, Signal Interface Group, Sorama, Ziegler-Instruments GmbH.

Acoustic Camera Market Segmentation

By Application

Noise Source Identification

Leakage Detection

Others

By Measurement

Far Field

Near Field

By End-User

Infrastructure

Automotive

Industrial

Electronics & Appliance

Aerospace

Energy & Power

Education & Research

By Array

2D Array

3D Array

Leading Companies

BR?EL & KJ?R

CAE Software and Systems GmbH

gfai tech GmbH

Microflown Technologies

Norsonic AS

Siemens PLM Software

Signal Interface Group

Sorama

Ziegler-Instruments GmbH

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

Get an integrated understanding of the entire market ecosystem and companies.

Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

Get free Excel spreadsheet and PPT versions along with the report PDF.

Contents

1. TABLE OF CONTENTS

List of Figures and Tables

2. EXECUTIVE SUMMARY

2.1 Key Highlights

2.1.1 Acoustic Camera Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Acoustic Camera Market Types and Applications

2.1.3 Fastest Growing Segments

2.1.4 Potential Markets

2.1.5 Market Concentration

2.2 Market Scope and Segmentation

2.2.1 Market Scope- Segments

2.2.2 Market Scope- Countries

2.2.3 Macroeconomic and Demographic Outlook

2.2.4 Abbreviations

2.2.5 Units and Currency Conversions

3. RESEARCH METHODOLOGY

3.1 Primary Research Surveys

3.2 Secondary Data Sources

3.3 Data Triangulation

3.4 Forecast Methodology

3.5 Assumptions and Limitations

4. INTRODUCTION TO GLOBAL ACOUSTIC CAMERA MARKET IN 2025

4.1 Industry Panorama

4.2 Leading Companies Profiled in the Study

4.3 Asia Pacific Markets offer Robust Market Prospects for New Entrants

4.4 Market Dynamics

4.4.1 Market Dynamics- Trends and Drivers

4.4.2 Market Dynamics- Opportunities and Challenges

4.5 Regional Analysis

4.6 Porter's Five Force Analysis

- 4.6.1 Intensity of Competitive Rivalry
- 4.6.2 Threat of New Entrants
- 4.6.3 Threat of Substitutes
- 4.6.4 Bargaining Power of Buyers
- 4.6.5 Bargaining Power of Suppliers
- 4.7 Acoustic Camera Industry Value Chain Analysis
 - 4.7.1 Stage of Value Chain
 - 4.7.2 Key Activities of Companies
 - 4.7.3 Companies Included in Each Stage
 - 4.7.4 Key Insights

5. ACOUSTIC CAMERA MARKET OUTLOOK TO 2032

- 5.1 Market Size Forecast by Type, 2021-2024 and 2025-2032
- 5.2 Market Size Forecast by Application, 2021-2024 and 2024-2032
- 5.3 Market Size Forecast by Geography, 2021-2024 and 2024-2032

By Application

Noise Source Identification

Leakage Detection

Others

By Measurement

Far Field

Near Field

By End-User

Infrastructure

Automotive

Industrial

Electronics & Appliance

Aerospace

Energy & Power

Education & Research

By Array

2D ARRAY

3D ARRAY

6. GLOBAL ACOUSTIC CAMERA MARKET OUTLOOK ACROSS GROWTH SCENARIOS

- 6.1 Low Growth Scenario**
- 6.2 Base/Reference Case**
- 6.3 High Growth Scenario**

6. NORTH AMERICA ACOUSTIC CAMERA MARKET SIZE OUTLOOK

- 6.1 Key Market Statistics, 2024**
- 6.2 North America Acoustic Camera Market Trends and Growth Opportunities**
 - 6.2.1 North America Acoustic Camera Market Outlook by Type**
 - 6.2.2 North America Acoustic Camera Market Outlook by Application**
- 6.3 North America Acoustic Camera Market Outlook by Country**
 - 6.3.1 The US Acoustic Camera Market Outlook, 2021- 2032**
 - 6.3.2 Canada Acoustic Camera Market Outlook, 2021- 2032**
 - 6.3.3 Mexico Acoustic Camera Market Outlook, 2021- 2032**

7. EUROPE ACOUSTIC CAMERA MARKET SIZE OUTLOOK

- 7.1 Key Market Statistics, 2024**
- 7.2 Europe Acoustic Camera Market Trends and Growth Opportunities**
 - 7.2.1 Europe Acoustic Camera Market Outlook by Type**
 - 7.2.2 Europe Acoustic Camera Market Outlook by Application**
- 7.3 Europe Acoustic Camera Market Outlook by Country**
 - 7.3.2 Germany Acoustic Camera Market Outlook, 2021- 2032**
 - 7.3.3 France Acoustic Camera Market Outlook, 2021- 2032**
 - 7.3.4 The UK Acoustic Camera Market Outlook, 2021- 2032**
 - 7.3.5 Spain Acoustic Camera Market Outlook, 2021- 2032**
 - 7.3.6 Italy Acoustic Camera Market Outlook, 2021- 2032**
 - 7.3.7 Russia Acoustic Camera Market Outlook, 2021- 2032**
 - 7.3.8 Rest of Europe Acoustic Camera Market Outlook, 2021- 2032**

8. ASIA PACIFIC ACOUSTIC CAMERA MARKET SIZE OUTLOOK

- 8.1 Key Market Statistics, 2024**
- 8.2 Asia Pacific Acoustic Camera Market Trends and Growth Opportunities**
 - 8.2.1 Asia Pacific Acoustic Camera Market Outlook by Type**
 - 8.2.2 Asia Pacific Acoustic Camera Market Outlook by Application**
- 8.3 Asia Pacific Acoustic Camera Market Outlook by Country**
 - 8.3.1 China Acoustic Camera Market Outlook, 2021- 2032**

- 8.3.2 India Acoustic Camera Market Outlook, 2021- 2032**
- 8.3.3 Japan Acoustic Camera Market Outlook, 2021- 2032**
- 8.3.4 South Korea Acoustic Camera Market Outlook, 2021- 2032**
- 8.3.5 Australia Acoustic Camera Market Outlook, 2021- 2032**
- 8.3.6 South East Asia Acoustic Camera Market Outlook, 2021- 2032**
- 8.3.7 Rest of Asia Pacific Acoustic Camera Market Outlook, 2021- 2032**

9. SOUTH AMERICA ACOUSTIC CAMERA MARKET SIZE OUTLOOK

- 9.1 Key Market Statistics, 2024**
- 9.2 South America Acoustic Camera Market Trends and Growth Opportunities**
 - 9.2.1 South America Acoustic Camera Market Outlook by Type**
 - 9.2.2 South America Acoustic Camera Market Outlook by Application**
- 9.3 South America Acoustic Camera Market Outlook by Country**
 - 9.3.1 Brazil Acoustic Camera Market Outlook, 2021- 2032**
 - 9.3.2 Argentina Acoustic Camera Market Outlook, 2021- 2032**
 - 9.3.3 Rest of South and Central America Acoustic Camera Market Outlook, 2021- 2032**

10. MIDDLE EAST AND AFRICA ACOUSTIC CAMERA MARKET SIZE OUTLOOK

- 10.1 Key Market Statistics, 2024**
- 10.2 Middle East and Africa Acoustic Camera Market Trends and Growth Opportunities**
 - 10.2.1 Middle East and Africa Acoustic Camera Market Outlook by Type**
 - 10.2.2 Middle East and Africa Acoustic Camera Market Outlook by Application**
- 10.3 Middle East and Africa Acoustic Camera Market Outlook by Country**
 - 10.3.1 Saudi Arabia Acoustic Camera Market Outlook, 2021- 2032**
 - 10.3.2 The UAE Acoustic Camera Market Outlook, 2021- 2032**
 - 10.3.3 Rest of Middle East Acoustic Camera Market Outlook, 2021- 2032**
 - 10.3.4 South Africa Acoustic Camera Market Outlook, 2021- 2032**
 - 10.3.5 Egypt Acoustic Camera Market Outlook, 2021- 2032**
 - 10.3.6 Rest of Africa Acoustic Camera Market Outlook, 2021- 2032**

11. COMPANY PROFILES

- 11.1 Leading 10 Companies**
 - BR?EL & KJ?R**
 - CAE Software and Systems GmbH**

gfai tech GmbH
Microflow Technologies
Norsonic AS
Siemens PLM Software
Signal Interface Group
Sorama
Ziegler-Instruments GmbH
11.2 Overview
11.3 Products and Services
11.4 SWOT Profile

12. APPENDIX

12.1 Subscription Options
12.2 Customization Options
12.3 Publisher Details

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