

Infrared Line Scanners Market Size, Share, and Outlook, 2025 Report- By Type (Pen Infrared Line Scanners, Laser Infrared Line Scanners, CCD Infrared Line Scanners, 2D Camera Infrared Line Scanners), By Application (Security & Surveillance, Monitoring & Inspection, Detection), By End-User (Aerospace, Glass, Automotive, Military, Others), 2018-2032

<https://marketpublishers.com/r/ID2980FE5404EN.html>

Date: April 2025

Pages: 172

Price: US\$ 3,680.00 (Single User License)

ID: ID2980FE5404EN

Abstracts

Infrared Line Scanners Market Outlook

The Infrared Line Scanners Market size is expected to register a growth rate of 7.7% during the forecast period from \$7.48 Billion in 2025 to \$12.6 Billion in 2032. The Infrared Line Scanners 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 Infrared Line Scanners segments across 22 countries from 2021 to 2032. Key segments in the report include By Type (Pen Infrared Line Scanners, Laser Infrared Line Scanners, CCD Infrared Line Scanners, 2D Camera Infrared Line Scanners), By Application (Security & Surveillance, Monitoring & Inspection, Detection), By End-User (Aerospace, Glass, Automotive, Military, Others). Over 70 tables and charts showcase findings from our latest survey report on Infrared Line Scanners markets.

Infrared Line Scanners Market Insights, 2025

The infrared line scanners market is witnessing significant growth as industries such as steel manufacturing, food processing, pharmaceuticals, and energy increasingly rely on

non-contact temperature measurement and thermal imaging solutions. Infrared line scanners provide continuous, high-speed thermal monitoring, enabling early detection of process abnormalities, equipment overheating, and product quality deviations. Advances in sensor technology, AI-driven image analysis, and wireless data transmission are enhancing the capabilities of these scanners, making them indispensable for industrial automation and predictive maintenance. The growing emphasis on energy efficiency and emissions monitoring is driving adoption in environmental applications, including waste management and renewable energy sectors. Additionally, regulatory standards for workplace safety and product quality assurance are pushing manufacturers to integrate infrared line scanning solutions for real-time process optimization. As thermal imaging technology continues to advance, the demand for high-precision, durable, and easy-to-integrate infrared line scanners is expected to rise across multiple industries.

Five Trends that will define global Infrared Line Scanners market in 2025 and Beyond

A closer look at the multi-million market for Infrared Line Scanners identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Infrared Line Scanners 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 Infrared Line Scanners vendors.

What are the biggest opportunities for growth in the Infrared Line Scanners industry?

The Infrared Line Scanners 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.

Infrared Line Scanners Market Segment Insights

The Infrared Line Scanners industry presents strong offers across categories. The analytical report offers forecasts of Infrared Line Scanners industry performance across

segments and countries. Key segments in the industry include%li%By Type (Pen Infrared Line Scanners, Laser Infrared Line Scanners, CCD Infrared Line Scanners, 2D Camera Infrared Line Scanners), By Application (Security & Surveillance, Monitoring & Inspection, Detection), By End-User (Aerospace, Glass, Automotive, Military, Others). 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, Infrared Line Scanners 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 Infrared Line Scanners industry ecosystem. It assists decision-makers in evaluating global Infrared Line Scanners market fundamentals, market dynamics, and disruptive trends across the value chain segments.

Scenario Analysis and Forecasts

Strategic decision-making in the Infrared Line Scanners 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 Infrared Line Scanners 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 Infrared Line Scanners 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 Infrared Line Scanners 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 Infrared Line Scanners market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Infrared Line Scanners market Insights%li%Vendors are exploring new opportunities within the US Infrared Line Scanners industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Infrared Line Scanners 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 Infrared Line Scanners market.

Latin American Infrared Line Scanners 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 Infrared Line Scanners 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 Infrared

Line Scanners 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 Infrared Line Scanners markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

Competitive Landscape%li%How Infrared Line Scanners 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 Ametek Land, DIAS Infrared GmbH, Ecu Worldwide Italia, Flir Systems Inc, Fluke Process Instruments, Honeywell Analytics Inc, II-VI INFRARED, InspectorTools, Metrologic Group, Touchless Housewares & Products Inc.

Infrared Line Scanners Market Segmentation

By Type

Pen Infrared Line Scanners

Laser Infrared Line Scanners

CCD Infrared Line Scanners

2D Camera Infrared Line Scanners

By Application

Security & Surveillance

Monitoring & Inspection

Detection

By End-User

Aerospace

Glass

Automotive

Military

Others

Leading Companies

Ametek Land

DIAS Infrared GmbH

Ecu Worldwide Italia

Flir Systems Inc

Fluke Process Instruments

Honeywell Analytics Inc

II-VI INFRARED

InspectorTools

Metrologic Group

Touchless Housewares & Products Inc

Reasons to Buy the report

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

Infrared Line Scanners Market Size, Share, and Outlook, 2025 Report- By Type (Pen Infrared Line Scanners, Lase...

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 Infrared Line Scanners Market Size Outlook, 2018-2024 and 2025-2032

2.1.2 Largest Infrared Line Scanners 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 INFRARED LINE SCANNERS 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 Infrared Line Scanners 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. INFRARED LINE SCANNERS 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 Type

Pen Infrared Line Scanners

Laser Infrared Line Scanners

CCD Infrared Line Scanners

2D CAMERA INFRARED LINE SCANNERS

By Application

Security & Surveillance

Monitoring & Inspection

Detection

By End-User

Aerospace

Glass

Automotive

Military

Others

6. GLOBAL INFRARED LINE SCANNERS MARKET OUTLOOK ACROSS GROWTH SCENARIOS

6.1 Low Growth Scenario

6.2 Base/Reference Case

6.3 High Growth Scenario

6. NORTH AMERICA INFRARED LINE SCANNERS MARKET SIZE OUTLOOK

6.1 Key Market Statistics, 2024

6.2 North America Infrared Line Scanners Market Trends and Growth Opportunities

6.2.1 North America Infrared Line Scanners Market Outlook by Type

6.2.2 North America Infrared Line Scanners Market Outlook by Application

6.3 North America Infrared Line Scanners Market Outlook by Country

6.3.1 The US Infrared Line Scanners Market Outlook, 2021- 2032

6.3.2 Canada Infrared Line Scanners Market Outlook, 2021- 2032

6.3.3 Mexico Infrared Line Scanners Market Outlook, 2021- 2032

7. EUROPE INFRARED LINE SCANNERS MARKET SIZE OUTLOOK

7.1 Key Market Statistics, 2024

7.2 Europe Infrared Line Scanners Market Trends and Growth Opportunities

7.2.1 Europe Infrared Line Scanners Market Outlook by Type

7.2.2 Europe Infrared Line Scanners Market Outlook by Application

7.3 Europe Infrared Line Scanners Market Outlook by Country

7.3.2 Germany Infrared Line Scanners Market Outlook, 2021- 2032

7.3.3 France Infrared Line Scanners Market Outlook, 2021- 2032

7.3.4 The UK Infrared Line Scanners Market Outlook, 2021- 2032

7.3.5 Spain Infrared Line Scanners Market Outlook, 2021- 2032

7.3.6 Italy Infrared Line Scanners Market Outlook, 2021- 2032

7.3.7 Russia Infrared Line Scanners Market Outlook, 2021- 2032

7.3.8 Rest of Europe Infrared Line Scanners Market Outlook, 2021- 2032

8. ASIA PACIFIC INFRARED LINE SCANNERS MARKET SIZE OUTLOOK

8.1 Key Market Statistics, 2024

8.2 Asia Pacific Infrared Line Scanners Market Trends and Growth Opportunities

8.2.1 Asia Pacific Infrared Line Scanners Market Outlook by Type

8.2.2 Asia Pacific Infrared Line Scanners Market Outlook by Application

8.3 Asia Pacific Infrared Line Scanners Market Outlook by Country

8.3.1 China Infrared Line Scanners Market Outlook, 2021- 2032

8.3.2 India Infrared Line Scanners Market Outlook, 2021- 2032

8.3.3 Japan Infrared Line Scanners Market Outlook, 2021- 2032

- 8.3.4 South Korea Infrared Line Scanners Market Outlook, 2021- 2032**
- 8.3.5 Australia Infrared Line Scanners Market Outlook, 2021- 2032**
- 8.3.6 South East Asia Infrared Line Scanners Market Outlook, 2021- 2032**
- 8.3.7 Rest of Asia Pacific Infrared Line Scanners Market Outlook, 2021- 2032**

9. SOUTH AMERICA INFRARED LINE SCANNERS MARKET SIZE OUTLOOK

9.1 Key Market Statistics, 2024

9.2 South America Infrared Line Scanners Market Trends and Growth Opportunities

- 9.2.1 South America Infrared Line Scanners Market Outlook by Type**
- 9.2.2 South America Infrared Line Scanners Market Outlook by Application**

9.3 South America Infrared Line Scanners Market Outlook by Country

- 9.3.1 Brazil Infrared Line Scanners Market Outlook, 2021- 2032**
- 9.3.2 Argentina Infrared Line Scanners Market Outlook, 2021- 2032**
- 9.3.3 Rest of South and Central America Infrared Line Scanners Market Outlook, 2021- 2032**

10. MIDDLE EAST AND AFRICA INFRARED LINE SCANNERS MARKET SIZE OUTLOOK

10.1 Key Market Statistics, 2024

10.2 Middle East and Africa Infrared Line Scanners Market Trends and Growth Opportunities

- 10.2.1 Middle East and Africa Infrared Line Scanners Market Outlook by Type**
- 10.2.2 Middle East and Africa Infrared Line Scanners Market Outlook by Application**

10.3 Middle East and Africa Infrared Line Scanners Market Outlook by Country

- 10.3.1 Saudi Arabia Infrared Line Scanners Market Outlook, 2021- 2032**
- 10.3.2 The UAE Infrared Line Scanners Market Outlook, 2021- 2032**
- 10.3.3 Rest of Middle East Infrared Line Scanners Market Outlook, 2021- 2032**
- 10.3.4 South Africa Infrared Line Scanners Market Outlook, 2021- 2032**
- 10.3.5 Egypt Infrared Line Scanners Market Outlook, 2021- 2032**
- 10.3.6 Rest of Africa Infrared Line Scanners Market Outlook, 2021- 2032**

11. COMPANY PROFILES

11.1 Leading 10 Companies

Ametek Land

DIAS Infrared GmbH
Ecu Worldwide Italia
Flir Systems Inc
Fluke Process Instruments
Honeywell Analytics Inc
II-VI INFRARED
InspectorTools
Metrologic Group
Touchless Housewares & Products Inc
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

I would like to order

Product name: Infrared Line Scanners Market Size, Share, and Outlook, 2025 Report- By Type (Pen Infrared Line Scanners, Laser Infrared Line Scanners, CCD Infrared Line Scanners, 2D Camera Infrared Line Scanners), By Application (Security & Surveillance, Monitoring & Inspection, Detection), By End-User (Aerospace, Glass, Automotive, Military, Others), 2018-2032

Product link: <https://marketpublishers.com/r/ID2980FE5404EN.html>

Price: US\$ 3,680.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/ID2980FE5404EN.html>