



Infrared Emitter & Receiver Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-07-05	127	PDF
Single User	Multi User	Enterprise	
USD 2,950	USD 4,430	USD 5,900	

Description

The global Infrared Emitter & Receiver market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Infrared Emitter & Receiver is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Infrared Emitter & Receiver is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Infrared Emitter & Receiver is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Infrared Emitter & Receiver include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Infrared Emitter & Receiver market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Infrared Emitter & Receiver.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Infrared Emitter & Receiver Market by Company

FLIR Systems

Wolfspeed

Honeywell International

Raytek

Texas Instruments

Lite-On Technology

Murata Manufacturing

Rohm

Osram Opto Semiconductors GmbH

Vishay Intertechnology

Infrared Emitter & Receiver Segment by Type

Near Infrared

Short-wave Infrared - SWIR

Mid-wave Infrared - MWIR

Long-wave Infrared - LWIR

Far Infrared

Infrared Emitter & Receiver Segment by Application

Automotive

Construction

Transportation and Logistics

Chemical

Aerospace

Other

Infrared Emitter & Receiver Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Infrared Emitter & Receiver market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Infrared Emitter & Receiver and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Infrared Emitter & Receiver.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Infrared Emitter & Receiver manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Infrared Emitter & Receiver by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Infrared Emitter & Receiver in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Infrared Emitter & Receiver by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Near Infrared
 - 2.2.3 Short-wave Infrared - SWIR
 - 2.2.4 Mid-wave Infrared - MWIR
 - 2.2.5 Long-wave Infrared - LWIR
 - 2.2.6 Far Infrared
- 2.3 Infrared Emitter & Receiver by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Automotive
 - 2.3.3 Construction
 - 2.3.4 Transportation and Logistics
 - 2.3.5 Chemical
 - 2.3.6 Aerospace
 - 2.3.7 Other
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Infrared Emitter & Receiver Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Infrared Emitter & Receiver Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Infrared Emitter & Receiver Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Infrared Emitter & Receiver Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Infrared Emitter & Receiver Production by Manufacturers (2021-2026)
- 3.2 Global Infrared Emitter & Receiver Production Value by Manufacturers (2021-2026)
- 3.3 Global Infrared Emitter & Receiver Average Price by Manufacturers (2021-2026)
- 3.4 Global Infrared Emitter & Receiver Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Infrared Emitter & Receiver Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Infrared Emitter & Receiver Manufacturers, Product Type & Application
- 3.7 Global Infrared Emitter & Receiver Manufacturers Established Date
- 3.8 Global Infrared Emitter & Receiver Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 FLIR Systems
 - 4.1.1 FLIR Systems Infrared Emitter & Receiver Company Information

4.1.2 FLIR Systems Infrared Emitter & Receiver Business Overview

4.1.3 FLIR Systems Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.1.4 FLIR Systems Product Portfolio

4.1.5 FLIR Systems Recent Developments

4.2 Wolfspeed

4.2.1 Wolfspeed Infrared Emitter & Receiver Company Information

4.2.2 Wolfspeed Infrared Emitter & Receiver Business Overview

4.2.3 Wolfspeed Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.2.4 Wolfspeed Product Portfolio

4.2.5 Wolfspeed Recent Developments

4.3 Honeywell International

4.3.1 Honeywell International Infrared Emitter & Receiver Company Information

4.3.2 Honeywell International Infrared Emitter & Receiver Business Overview

4.3.3 Honeywell International Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.3.4 Honeywell International Product Portfolio

4.3.5 Honeywell International Recent Developments

4.4 Raytek

4.4.1 Raytek Infrared Emitter & Receiver Company Information

4.4.2 Raytek Infrared Emitter & Receiver Business Overview

4.4.3 Raytek Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.4.4 Raytek Product Portfolio

4.4.5 Raytek Recent Developments

4.5 Texas Instruments

4.5.1 Texas Instruments Infrared Emitter & Receiver Company Information

4.5.2 Texas Instruments Infrared Emitter & Receiver Business Overview

4.5.3 Texas Instruments Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.5.4 Texas Instruments Product Portfolio

4.5.5 Texas Instruments Recent Developments

4.6 Lite-On Technology

4.6.1 Lite-On Technology Infrared Emitter & Receiver Company Information

4.6.2 Lite-On Technology Infrared Emitter & Receiver Business Overview

4.6.3 Lite-On Technology Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.6.4 Lite-On Technology Product Portfolio

4.6.5 Lite-On Technology Recent Developments

4.7 Murata Manufacturing

4.7.1 Murata Manufacturing Infrared Emitter & Receiver Company Information

4.7.2 Murata Manufacturing Infrared Emitter & Receiver Business Overview

4.7.3 Murata Manufacturing Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.7.4 Murata Manufacturing Product Portfolio

4.7.5 Murata Manufacturing Recent Developments

4.8 Rohm

4.8.1 Rohm Infrared Emitter & Receiver Company Information

4.8.2 Rohm Infrared Emitter & Receiver Business Overview

4.8.3 Rohm Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)

4.8.4 Rohm Product Portfolio

4.8.5 Rohm Recent Developments

4.9 Osram Opto Semiconductors GmbH

4.9.1 Osram Opto Semiconductors GmbH Infrared Emitter & Receiver Company Information

- 4.9.2 Osram Opto Semiconductors GmbH Infrared Emitter & Receiver Business Overview
- 4.9.3 Osram Opto Semiconductors GmbH Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)
- 4.9.4 Osram Opto Semiconductors GmbH Product Portfolio
- 4.9.5 Osram Opto Semiconductors GmbH Recent Developments
- 4.10 Vishay Intertechnology
 - 4.10.1 Vishay Intertechnology Infrared Emitter & Receiver Company Information
 - 4.10.2 Vishay Intertechnology Infrared Emitter & Receiver Business Overview
 - 4.10.3 Vishay Intertechnology Infrared Emitter & Receiver Production, Value and Gross Margin (2021-2026)
 - 4.10.4 Vishay Intertechnology Product Portfolio
 - 4.10.5 Vishay Intertechnology Recent Developments

5 Global Infrared Emitter & Receiver Production by Region

- 5.1 Global Infrared Emitter & Receiver Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Infrared Emitter & Receiver Production by Region: 2021-2032
 - 5.2.1 Global Infrared Emitter & Receiver Production by Region: 2021-2026
 - 5.2.2 Global Infrared Emitter & Receiver Production Forecast by Region (2027-2032)
- 5.3 Global Infrared Emitter & Receiver Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.4 Global Infrared Emitter & Receiver Production Value by Region: 2021-2032
 - 5.4.1 Global Infrared Emitter & Receiver Production Value by Region: 2021-2026
 - 5.4.2 Global Infrared Emitter & Receiver Production Value Forecast by Region (2027-2032)
- 5.5 Global Infrared Emitter & Receiver Market Price Analysis by Region (2021-2026)
- 5.6 Global Infrared Emitter & Receiver Production and Value, YOY Growth
 - 5.6.1 North America Infrared Emitter & Receiver Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Infrared Emitter & Receiver Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Infrared Emitter & Receiver Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Infrared Emitter & Receiver Production Value Estimates and Forecasts (2021-2032)
 - 5.6.5 South Korea Infrared Emitter & Receiver Production Value Estimates and Forecasts (2021-2032)

6 Global Infrared Emitter & Receiver Consumption by Region

- 6.1 Global Infrared Emitter & Receiver Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Infrared Emitter & Receiver Consumption by Region (2021-2032)
 - 6.2.1 Global Infrared Emitter & Receiver Consumption by Region: 2021-2026
 - 6.2.2 Global Infrared Emitter & Receiver Forecasted Consumption by Region (2027-2032)
- 6.3 North America
 - 6.3.1 North America Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.3.2 North America Infrared Emitter & Receiver Consumption by Country (2021-2032)
 - 6.3.3 United States
 - 6.3.4 Canada
 - 6.3.5 Mexico
- 6.4 Europe
 - 6.4.1 Europe Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.4.2 Europe Infrared Emitter & Receiver Consumption by Country (2021-2032)
 - 6.4.3 Germany
 - 6.4.4 France
 - 6.4.5 U.K.
 - 6.4.6 Italy
 - 6.4.7 Russia
 - 6.4.8 Spain
 - 6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Infrared Emitter & Receiver Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Infrared Emitter & Receiver Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Infrared Emitter & Receiver Production by Type (2021-2032)

7.1.1 Global Infrared Emitter & Receiver Production by Type (2021-2032) & (k units)

7.1.2 Global Infrared Emitter & Receiver Production Market Share by Type (2021-2032)

7.2 Global Infrared Emitter & Receiver Production Value by Type (2021-2032)

7.2.1 Global Infrared Emitter & Receiver Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Infrared Emitter & Receiver Production Value Market Share by Type (2021-2032)

7.3 Global Infrared Emitter & Receiver Price by Type (2021-2032)

8 Segment by Application

8.1 Global Infrared Emitter & Receiver Production by Application (2021-2032)

8.1.1 Global Infrared Emitter & Receiver Production by Application (2021-2032) & (k units)

8.1.2 Global Infrared Emitter & Receiver Production Market Share by Application (2021-2032)

8.2 Global Infrared Emitter & Receiver Production Value by Application (2021-2032)

8.2.1 Global Infrared Emitter & Receiver Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Infrared Emitter & Receiver Production Value Market Share by Application (2021-2032)

8.3 Global Infrared Emitter & Receiver Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Infrared Emitter & Receiver Value Chain Analysis

9.1.1 Infrared Emitter & Receiver Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Infrared Emitter & Receiver Production Mode & Process

9.2 Infrared Emitter & Receiver Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Infrared Emitter & Receiver Distributors

10 Global Infrared Emitter & Receiver Analyzing Market Dynamics

- 10.1 Infrared Emitter & Receiver Industry Trends
- 10.2 Infrared Emitter & Receiver Industry Drivers
- 10.3 Infrared Emitter & Receiver Industry Opportunities and Challenges
- 10.4 Infrared Emitter & Receiver Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Infrared Emitter & Receiver Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Infrared Emitter & Receiver Production Market Share by Manufacturers
- Table 7: Global Infrared Emitter & Receiver Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Infrared Emitter & Receiver Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Infrared Emitter & Receiver Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Infrared Emitter & Receiver Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Infrared Emitter & Receiver Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Infrared Emitter & Receiver Manufacturers, Product Type & Application
- Table 13: Global Infrared Emitter & Receiver Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Infrared Emitter & Receiver by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: FLIR Systems Company Information
- Table 18: FLIR Systems Business Overview
- Table 19: FLIR Systems Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: FLIR Systems Infrared Emitter & Receiver Product Portfolio
- Table 21: FLIR Systems Recent Development
- Table 22: Wolfspeed Company Information
- Table 23: Wolfspeed Business Overview
- Table 24: Wolfspeed Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Wolfspeed Infrared Emitter & Receiver Product Portfolio
- Table 26: Wolfspeed Recent Development
- Table 27: Honeywell International Company Information
- Table 28: Honeywell International Business Overview
- Table 29: Honeywell International Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Honeywell International Infrared Emitter & Receiver Product Portfolio
- Table 31: Honeywell International Recent Development
- Table 32: Raytek Company Information
- Table 33: Raytek Business Overview
- Table 34: Raytek Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Raytek Infrared Emitter & Receiver Product Portfolio
- Table 36: Raytek Recent Development
- Table 37: Texas Instruments Company Information
- Table 38: Texas Instruments Business Overview
- Table 39: Texas Instruments Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Texas Instruments Infrared Emitter & Receiver Product Portfolio
- Table 41: Texas Instruments Recent Development
- Table 42: Lite-On Technology Company Information
- Table 43: Lite-On Technology Business Overview
- Table 44: Lite-On Technology Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Lite-On Technology Infrared Emitter & Receiver Product Portfolio
- Table 46: Lite-On Technology Recent Development
- Table 47: Murata Manufacturing Company Information
- Table 48: Murata Manufacturing Business Overview

- Table 49: Murata Manufacturing Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Murata Manufacturing Infrared Emitter & Receiver Product Portfolio
- Table 51: Murata Manufacturing Recent Development
- Table 52: Rohm Company Information
- Table 53: Rohm Business Overview
- Table 54: Rohm Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Rohm Infrared Emitter & Receiver Product Portfolio
- Table 56: Rohm Recent Development
- Table 57: Osram Opto Semiconductors GmbH Company Information
- Table 58: Osram Opto Semiconductors GmbH Business Overview
- Table 59: Osram Opto Semiconductors GmbH Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Osram Opto Semiconductors GmbH Infrared Emitter & Receiver Product Portfolio
- Table 61: Osram Opto Semiconductors GmbH Recent Development
- Table 62: Vishay Intertechnology Company Information
- Table 63: Vishay Intertechnology Business Overview
- Table 64: Vishay Intertechnology Infrared Emitter & Receiver Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Vishay Intertechnology Infrared Emitter & Receiver Product Portfolio
- Table 66: Vishay Intertechnology Recent Development
- Table 67: Global Infrared Emitter & Receiver Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 68: Global Infrared Emitter & Receiver Production by Region (2021-2026) & (k units)
- Table 69: Global Infrared Emitter & Receiver Production Market Share by Region (2021-2026)
- Table 70: Global Infrared Emitter & Receiver Production Forecast by Region (2027-2032) & (k units)
- Table 71: Global Infrared Emitter & Receiver Production Market Share Forecast by Region (2027-2032)
- Table 72: Global Infrared Emitter & Receiver Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 73: Global Infrared Emitter & Receiver Production Value by Region (2021-2026) & (US\$ Million)
- Table 74: Global Infrared Emitter & Receiver Production Value Market Share by Region (2021-2026)
- Table 75: Global Infrared Emitter & Receiver Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 76: Global Infrared Emitter & Receiver Market Average Price (USD/unit) by Region (2021-2026)
- Table 77: Global Infrared Emitter & Receiver Market Average Price (USD/unit) by Region (2027-2032)
- Table 78: Global Infrared Emitter & Receiver Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 79: Global Infrared Emitter & Receiver Consumption by Region (2021-2026) & (k units)
- Table 80: Global Infrared Emitter & Receiver Consumption Market Share by Region (2021-2026)
- Table 81: Global Infrared Emitter & Receiver Forecasted Consumption by Region (2027-2032) & (k units)
- Table 82: Global Infrared Emitter & Receiver Forecasted Consumption Market Share by Region (2027-2032)
- Table 83: North America Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 84: North America Infrared Emitter & Receiver Consumption by Country (2021-2026) & (k units)
- Table 85: North America Infrared Emitter & Receiver Consumption by Country (2027-2032) & (k units)
- Table 86: Europe Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 87: Europe Infrared Emitter & Receiver Consumption by Country (2021-2026) & (k units)
- Table 88: Europe Infrared Emitter & Receiver Consumption by Country (2027-2032) & (k units)
- Table 89: Asia Pacific Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 90: Asia Pacific Infrared Emitter & Receiver Consumption by Country (2021-2026) & (k units)
- Table 91: Asia Pacific Infrared Emitter & Receiver Consumption by Country (2027-2032) & (k units)
- Table 92: South America, Middle East & Africa Infrared Emitter & Receiver Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 93: South America, Middle East & Africa Infrared Emitter & Receiver Consumption by Country (2021-2026) & (k units)
- Table 94: South America, Middle East & Africa Infrared Emitter & Receiver Consumption by Country (2027-2032) & (k units)
- Table 95: Global Infrared Emitter & Receiver Production by Type (2021-2026) & (k units)
- Table 96: Global Infrared Emitter & Receiver Production by Type (2027-2032) & (k units)
- Table 97: Global Infrared Emitter & Receiver Production Market Share by Type (2021-2026)
- Table 98: Global Infrared Emitter & Receiver Production Market Share by Type (2027-2032)
- Table 99: Global Infrared Emitter & Receiver Production Value by Type (2021-2026) & (US\$ Million)
- Table 100: Global Infrared Emitter & Receiver Production Value by Type (2027-2032) & (US\$ Million)
- Table 101: Global Infrared Emitter & Receiver Production Value Market Share by Type (2021-2026)
- Table 102: Global Infrared Emitter & Receiver Production Value Market Share by Type (2027-2032)
- Table 103: Global Infrared Emitter & Receiver Price by Type (2021-2026) & (USD/unit)
- Table 104: Global Infrared Emitter & Receiver Price by Type (2027-2032) & (USD/unit)
- Table 105: Global Infrared Emitter & Receiver Production by Application (2021-2026) & (k units)
- Table 106: Global Infrared Emitter & Receiver Production by Application (2027-2032) & (k units)
- Table 107: Global Infrared Emitter & Receiver Production Market Share by Application (2021-2026)
- Table 108: Global Infrared Emitter & Receiver Production Market Share by Application (2027-2032)

- Table 109: Global Infrared Emitter & Receiver Production Value by Application (2021-2026) & (US\$ Million)
- Table 110: Global Infrared Emitter & Receiver Production Value by Application (2027-2032) & (US\$ Million)
- Table 111: Global Infrared Emitter & Receiver Production Value Market Share by Application (2021-2026)
- Table 112: Global Infrared Emitter & Receiver Production Value Market Share by Application (2027-2032)
- Table 113: Global Infrared Emitter & Receiver Price by Application (2021-2026) & (USD/unit)
- Table 114: Global Infrared Emitter & Receiver Price by Application (2027-2032) & (USD/unit)
- Table 115: Key Raw Materials
- Table 116: Raw Materials Key Suppliers
- Table 117: Infrared Emitter & Receiver Distributors List
- Table 118: Infrared Emitter & Receiver Customers List
- Table 119: Infrared Emitter & Receiver Industry Trends
- Table 120: Infrared Emitter & Receiver Industry Drivers
- Table 121: Infrared Emitter & Receiver Industry Restraints
- Table 122: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Infrared Emitter & Receiver Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Near Infrared Product Image
- Figure 7: Short-wave Infrared - SWIR Product Image
- Figure 8: Mid-wave Infrared - MWIR Product Image
- Figure 9: Long-wave Infrared - LWIR Product Image
- Figure 10: Far Infrared Product Image
- Figure 11: Automotive Product Image
- Figure 12: Construction Product Image
- Figure 13: Transportation and Logistics Product Image
- Figure 14: Chemical Product Image
- Figure 15: Aerospace Product Image
- Figure 16: Other Product Image
- Figure 17: Global Infrared Emitter & Receiver Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 18: Global Infrared Emitter & Receiver Production Value (2021-2032) & (US\$ Million)
- Figure 19: Global Infrared Emitter & Receiver Production Capacity (2021-2032) & (k units)
- Figure 20: Global Infrared Emitter & Receiver Production (2021-2032) & (k units)
- Figure 21: Global Infrared Emitter & Receiver Average Price (USD/unit) & (2021-2032)
- Figure 22: Global Infrared Emitter & Receiver Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 23: Global Top 5 and 10 Infrared Emitter & Receiver Players Market Share by Production Value in 2025
- Figure 24: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 25: Global Infrared Emitter & Receiver Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 26: Global Infrared Emitter & Receiver Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: Global Infrared Emitter & Receiver Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 28: Global Infrared Emitter & Receiver Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 29: North America Infrared Emitter & Receiver Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Europe Infrared Emitter & Receiver Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: China Infrared Emitter & Receiver Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Japan Infrared Emitter & Receiver Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 33: South Korea Infrared Emitter & Receiver Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 34: Global Infrared Emitter & Receiver Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 35: Global Infrared Emitter & Receiver Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 36: North America Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: North America Infrared Emitter & Receiver Consumption Market Share by Country (2021-2032)
- Figure 38: United States Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: United States Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: Canada Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Mexico Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Europe Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Europe Infrared Emitter & Receiver Consumption Market Share by Country (2021-2032)
- Figure 44: Germany Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: France Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: U.K. Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Italy Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)

- Figure 48: Russia Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Spain Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Netherlands Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Switzerland Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Sweden Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Poland Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Asia Pacific Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Asia Pacific Infrared Emitter & Receiver Consumption Market Share by Country (2021-2032)
- Figure 56: China Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Japan Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South Korea Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: India Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: Australia Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Taiwan Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Southeast Asia Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: South America, Middle East & Africa Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: South America, Middle East & Africa Infrared Emitter & Receiver Consumption Market Share by Country (2021-2032)
- Figure 65: Brazil Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Argentina Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: Chile Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Turkey Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 69: GCC Countries Infrared Emitter & Receiver Consumption and Growth Rate (2021-2032) & (k units)
- Figure 70: Global Infrared Emitter & Receiver Production Market Share by Type (2021-2032)
- Figure 71: Global Infrared Emitter & Receiver Production Value Market Share by Type (2021-2032)
- Figure 72: Global Infrared Emitter & Receiver Price (USD/unit) by Type (2021-2032)
- Figure 73: Global Infrared Emitter & Receiver Production Market Share by Application (2021-2032)
- Figure 74: Global Infrared Emitter & Receiver Production Value Market Share by Application (2021-2032)
- Figure 75: Global Infrared Emitter & Receiver Price (USD/unit) by Application (2021-2032)
- Figure 76: Infrared Emitter & Receiver Value Chain
- Figure 77: Infrared Emitter & Receiver Production Mode & Process
- Figure 78: Direct Comparison with Distribution Share
- Figure 79: Distributors Profiles
- Figure 80: Infrared Emitter & Receiver Industry Opportunities and Challenges