

# Global Mid-infrared Semiconductor Lasers Market Growth 2026-2032

<https://marketpublishers.com/r/G1E7627BEE14EN.html>

Date: May 2026

Pages: 144

Price: US\$ 3,660.00 (Single User License)

ID: G1E7627BEE14EN

## Abstracts

The global Mid-infrared Semiconductor Lasers market size is predicted to grow from US\$ 407 million in 2025 to US\$ 659 million in 2032; it is expected to grow at a CAGR of 7.8% from 2026 to 2032.

The global shipment of Mid-infrared Semiconductor Lasers in 2025 exceeded 100,000 units, with an average ex-factory price of approximately \$4,000 per unit, industrial gross margin 40%.

### Industry structure and key players

The Mid-infrared Semiconductor Lasers market is dominated by QCL and ICL technologies, with device supply concentrated among a limited number of Western manufacturers such as Hamamatsu, Thorlabs, AdTech Optics, mirSense, nanoplus, and Alpes Lasers. QCLs have become the de-facto standard mid-infrared semiconductor laser platform in spectroscopy and defense due to superior tunability and spectral power density, resulting in an oligopolistic device layer and fragmented downstream systems landscape.

### Technology trajectory and key performance metrics

Core performance parameters of Mid-infrared Semiconductor Lasers include wavelength coverage (3–23  $\mu\text{m}$ ), single-mode stability, output power, and tunability. QCL architecture uniquely enables engineered emission across the molecular fingerprint region via quantum-well design, providing high spectral brightness and narrow linewidth. Current development focus has shifted from discrete laser optimization toward frequency-comb sources, external-cavity tuning, and photonic

integration to enable multi-species spectroscopy and precision sensing.

### Application demand and commercialization

Commercial deployment of Mid-infrared Semiconductor Lasers is concentrated in molecular absorption spectroscopy applications including industrial emissions monitoring, hydrocarbon leak detection, and process analytics, with defense infrared countermeasures forming a stable high-power segment. Gas sensing remains the dominant application, while medical breath diagnostics and bio-analysis are emerging growth domains driving low-power ICL and integrated spectroscopy modules.

### Value chain and capital movement

The Mid-infrared Semiconductor Lasers value chain spans III-V epitaxy, laser chips, spectroscopy modules, and sensing systems, with the chip layer carrying the highest technical barrier. Capital flows increasingly target vertically integrated sensing companies; for example, the acquisition of a controlling stake in QCL-based gas analyzer developer MIRO reflects value migration from discrete mid-infrared semiconductor lasers toward system-level spectroscopy solutions.

### Technology and market direction

Mid-infrared Semiconductor Lasers are transitioning from discrete emitters toward integrated mid-infrared photonic platforms, including silicon-integrated QCLs combining lasers, waveguides, and detectors on-chip. Demand growth is structurally supported by three vectors: regulatory-driven industrial and energy gas monitoring, sustained defense IR countermeasure programs, and the shift of medical and process analytics toward portable sensing. Competitive differentiation is moving from laser performance to system-level spectroscopy capability and cost efficiency.

LP Information, Inc. (LPI) ' newest research report, the "Mid-infrared Semiconductor Lasers Industry Forecast" looks at past sales and reviews total world Mid-infrared Semiconductor Lasers sales in 2025, providing a comprehensive analysis by region and market sector of projected Mid-infrared Semiconductor Lasers sales for 2026 through 2032. With Mid-infrared Semiconductor Lasers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Mid-infrared Semiconductor Lasers industry.

This Insight Report provides a comprehensive analysis of the global Mid-infrared

Semiconductor Lasers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Mid-infrared Semiconductor Lasers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Mid-infrared Semiconductor Lasers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Mid-infrared Semiconductor Lasers and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Mid-infrared Semiconductor Lasers.

This report presents a comprehensive overview, market shares, and growth opportunities of Mid-infrared Semiconductor Lasers market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Fabry-Perot QCL

Distributed Feedback QCL

Tunable External Cavities QCL

#### Segmentation by Technology Architecture:

Quantum Cascade Lasers (QCLs)

Interband Cascade Lasers (ICLs)

Interband Mid-IR Diode Lasers

#### Segmentation by Wavelength Band:

3–5  $\mu\text{m}$  (MWIR)

8–12  $\mu\text{m}$  (LWIR)

Segmentation by Application:

Industrial

Environmental Monitoring

Medical

Telecommunication

Military & Defense

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Thorlabs (US)

Hamamatsu Photonics K.K. (Japan)

MirSense (France)

Block Engineering (US)

Wavelength Electronics (US)

Daylight Solutions (US)

Alpes Lasers (Switzerland)

nanoplus Nanosystems and Technologies (Germany)

Akela Laser (US)

Sacher Lasertechnik (Germany)

AdTech Optics (US)

LongWave Photonics (US)

Femtum (Canada)

Chengdu MirayEver Photonics (China)

Teemsun Technology (China)

Beijing Reallight Technology (China)

Shanghai Zhixin Puhui Technology (China)

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Mid-infrared Semiconductor Lasers market?

What factors are driving Mid-infrared Semiconductor Lasers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Mid-infrared Semiconductor Lasers market opportunities vary by end market size?

How does Mid-infrared Semiconductor Lasers break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Mid-infrared Semiconductor Lasers Annual Sales 2021-2032
  - 2.1.2 World Current & Future Analysis for Mid-infrared Semiconductor Lasers by Geographic Region, 2021, 2025 & 2032
  - 2.1.3 World Current & Future Analysis for Mid-infrared Semiconductor Lasers by Country/Region, 2021, 2025 & 2032
- 2.2 Mid-infrared Semiconductor Lasers Segment by Type
  - 2.2.1 Fabry-Perot QCL
  - 2.2.2 Distributed Feedback QCL
  - 2.2.3 Tunable External Cavities QCL
  - 2.2.4 Mid-infrared Semiconductor Lasers Sales by Type
    - 2.2.4.1 Global Mid-infrared Semiconductor Lasers Sales Market Share by Type (2021-2026)
    - 2.2.4.2 Global Mid-infrared Semiconductor Lasers Revenue and Market Share by Type (2021-2026)
    - 2.2.4.3 Global Mid-infrared Semiconductor Lasers Sale Price by Type (2021-2026)
- 2.3 Mid-infrared Semiconductor Lasers Segment by Technology Architecture
  - 2.3.1 Quantum Cascade Lasers (QCLs)
  - 2.3.2 Interband Cascade Lasers (ICLs)
  - 2.3.3 Interband Mid-IR Diode Lasers
  - 2.3.4 Mid-infrared Semiconductor Lasers Sales by Technology Architecture
    - 2.3.4.1 Global Mid-infrared Semiconductor Lasers Sales Market Share by Technology Architecture (2021-2026)
    - 2.3.4.2 Global Mid-infrared Semiconductor Lasers Revenue and Market Share by

## Technology Architecture (2021-2026)

2.3.4.3 Global Mid-infrared Semiconductor Lasers Sale Price by Technology Architecture (2021-2026)

## 2.4 Mid-infrared Semiconductor Lasers Segment by Wavelength Band

2.4.1 3–5  $\mu\text{m}$  (MWIR)

2.4.2 8–12  $\mu\text{m}$  (LWIR)

2.4.3 Mid-infrared Semiconductor Lasers Sales by Wavelength Band

2.4.3.1 Global Mid-infrared Semiconductor Lasers Sales Market Share by Wavelength Band (2021-2026)

2.4.3.2 Global Mid-infrared Semiconductor Lasers Revenue and Market Share by Wavelength Band (2021-2026)

2.4.3.3 Global Mid-infrared Semiconductor Lasers Sale Price by Wavelength Band (2021-2026)

## 2.5 Mid-infrared Semiconductor Lasers Segment by Application

2.5.1 Industrial

2.5.2 Environmental Monitoring

2.5.3 Medical

2.5.4 Telecommunication

2.5.5 Military & Defense

2.5.6 Others

2.5.7 Mid-infrared Semiconductor Lasers Sales by Application

2.5.7.1 Global Mid-infrared Semiconductor Lasers Sale Market Share by Application (2021-2026)

2.5.7.2 Global Mid-infrared Semiconductor Lasers Revenue and Market Share by Application (2021-2026)

2.5.7.3 Global Mid-infrared Semiconductor Lasers Sale Price by Application (2021-2026)

## **3 GLOBAL BY COMPANY**

### 3.1 Global Mid-infrared Semiconductor Lasers Breakdown Data by Company

3.1.1 Global Mid-infrared Semiconductor Lasers Annual Sales by Company (2021-2026)

3.1.2 Global Mid-infrared Semiconductor Lasers Sales Market Share by Company (2021-2026)

3.2 Global Mid-infrared Semiconductor Lasers Annual Revenue by Company (2021-2026)

3.2.1 Global Mid-infrared Semiconductor Lasers Revenue by Company (2021-2026)

3.2.2 Global Mid-infrared Semiconductor Lasers Revenue Market Share by Company

(2021-2026)

3.3 Global Mid-infrared Semiconductor Lasers Sale Price by Company

3.4 Key Manufacturers Mid-infrared Semiconductor Lasers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Mid-infrared Semiconductor Lasers Product Location Distribution

3.4.2 Players Mid-infrared Semiconductor Lasers Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR MID-IRRED SEMICONDUCTOR LASERS BY GEOGRAPHIC REGION**

4.1 World Historic Mid-infrared Semiconductor Lasers Market Size by Geographic Region (2021-2026)

4.1.1 Global Mid-infrared Semiconductor Lasers Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Mid-infrared Semiconductor Lasers Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Mid-infrared Semiconductor Lasers Market Size by Country/Region (2021-2026)

4.2.1 Global Mid-infrared Semiconductor Lasers Annual Sales by Country/Region (2021-2026)

4.2.2 Global Mid-infrared Semiconductor Lasers Annual Revenue by Country/Region (2021-2026)

4.3 Americas Mid-infrared Semiconductor Lasers Sales Growth

4.4 APAC Mid-infrared Semiconductor Lasers Sales Growth

4.5 Europe Mid-infrared Semiconductor Lasers Sales Growth

4.6 Middle East & Africa Mid-infrared Semiconductor Lasers Sales Growth

## **5 AMERICAS**

5.1 Americas Mid-infrared Semiconductor Lasers Sales by Country

5.1.1 Americas Mid-infrared Semiconductor Lasers Sales by Country (2021-2026)

5.1.2 Americas Mid-infrared Semiconductor Lasers Revenue by Country (2021-2026)

5.2 Americas Mid-infrared Semiconductor Lasers Sales by Type (2021-2026)

### 5.3 Americas Mid-infrared Semiconductor Lasers Sales by Application (2021-2026)

#### 5.4 United States

#### 5.5 Canada

#### 5.6 Mexico

#### 5.7 Brazil

## 6 APAC

### 6.1 APAC Mid-infrared Semiconductor Lasers Sales by Region

#### 6.1.1 APAC Mid-infrared Semiconductor Lasers Sales by Region (2021-2026)

#### 6.1.2 APAC Mid-infrared Semiconductor Lasers Revenue by Region (2021-2026)

### 6.2 APAC Mid-infrared Semiconductor Lasers Sales by Type (2021-2026)

### 6.3 APAC Mid-infrared Semiconductor Lasers Sales by Application (2021-2026)

#### 6.4 China

#### 6.5 Japan

#### 6.6 South Korea

#### 6.7 Southeast Asia

#### 6.8 India

#### 6.9 Australia

#### 6.10 China Taiwan

## 7 EUROPE

### 7.1 Europe Mid-infrared Semiconductor Lasers by Country

#### 7.1.1 Europe Mid-infrared Semiconductor Lasers Sales by Country (2021-2026)

#### 7.1.2 Europe Mid-infrared Semiconductor Lasers Revenue by Country (2021-2026)

### 7.2 Europe Mid-infrared Semiconductor Lasers Sales by Type (2021-2026)

### 7.3 Europe Mid-infrared Semiconductor Lasers Sales by Application (2021-2026)

#### 7.4 Germany

#### 7.5 France

#### 7.6 UK

#### 7.7 Italy

#### 7.8 Russia

## 8 MIDDLE EAST & AFRICA

### 8.1 Middle East & Africa Mid-infrared Semiconductor Lasers by Country

#### 8.1.1 Middle East & Africa Mid-infrared Semiconductor Lasers Sales by Country (2021-2026)

8.1.2 Middle East & Africa Mid-infrared Semiconductor Lasers Revenue by Country (2021-2026)

8.2 Middle East & Africa Mid-infrared Semiconductor Lasers Sales by Type (2021-2026)

8.3 Middle East & Africa Mid-infrared Semiconductor Lasers Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Mid-infrared Semiconductor Lasers

10.3 Manufacturing Process Analysis of Mid-infrared Semiconductor Lasers

10.4 Industry Chain Structure of Mid-infrared Semiconductor Lasers

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Mid-infrared Semiconductor Lasers Distributors

11.3 Mid-infrared Semiconductor Lasers Customer

## **12 WORLD FORECAST REVIEW FOR MID-IRRED SEMICONDUCTOR LASERS BY GEOGRAPHIC REGION**

12.1 Global Mid-infrared Semiconductor Lasers Market Size Forecast by Region

12.1.1 Global Mid-infrared Semiconductor Lasers Forecast by Region (2027-2032)

12.1.2 Global Mid-infrared Semiconductor Lasers Annual Revenue Forecast by Region (2027-2032)

- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Mid-infrared Semiconductor Lasers Forecast by Type (2027-2032)
- 12.7 Global Mid-infrared Semiconductor Lasers Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

### 13.1 Thorlabs (US)

- 13.1.1 Thorlabs (US) Company Information

- 13.1.2 Thorlabs (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

- 13.1.3 Thorlabs (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.1.4 Thorlabs (US) Main Business Overview

- 13.1.5 Thorlabs (US) Latest Developments

### 13.2 Hamamatsu Photonics K.K. (Japan)

- 13.2.1 Hamamatsu Photonics K.K. (Japan) Company Information

- 13.2.2 Hamamatsu Photonics K.K. (Japan) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

- 13.2.3 Hamamatsu Photonics K.K. (Japan) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.2.4 Hamamatsu Photonics K.K. (Japan) Main Business Overview

- 13.2.5 Hamamatsu Photonics K.K. (Japan) Latest Developments

### 13.3 MirSense (France)

- 13.3.1 MirSense (France) Company Information

- 13.3.2 MirSense (France) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

- 13.3.3 MirSense (France) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.3.4 MirSense (France) Main Business Overview

- 13.3.5 MirSense (France) Latest Developments

### 13.4 Block Engineering (US)

- 13.4.1 Block Engineering (US) Company Information

- 13.4.2 Block Engineering (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

- 13.4.3 Block Engineering (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.4.4 Block Engineering (US) Main Business Overview
- 13.4.5 Block Engineering (US) Latest Developments
- 13.5 Wavelength Electronics (US)
  - 13.5.1 Wavelength Electronics (US) Company Information
  - 13.5.2 Wavelength Electronics (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
  - 13.5.3 Wavelength Electronics (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.5.4 Wavelength Electronics (US) Main Business Overview
  - 13.5.5 Wavelength Electronics (US) Latest Developments
- 13.6 Daylight Solutions (US)
  - 13.6.1 Daylight Solutions (US) Company Information
  - 13.6.2 Daylight Solutions (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
  - 13.6.3 Daylight Solutions (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.6.4 Daylight Solutions (US) Main Business Overview
  - 13.6.5 Daylight Solutions (US) Latest Developments
- 13.7 Alpes Lasers (Switzerland)
  - 13.7.1 Alpes Lasers (Switzerland) Company Information
  - 13.7.2 Alpes Lasers (Switzerland) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
  - 13.7.3 Alpes Lasers (Switzerland) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.7.4 Alpes Lasers (Switzerland) Main Business Overview
  - 13.7.5 Alpes Lasers (Switzerland) Latest Developments
- 13.8 nanoplus Nanosystems and Technologies (Germany)
  - 13.8.1 nanoplus Nanosystems and Technologies (Germany) Company Information
  - 13.8.2 nanoplus Nanosystems and Technologies (Germany) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
  - 13.8.3 nanoplus Nanosystems and Technologies (Germany) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 nanoplus Nanosystems and Technologies (Germany) Main Business Overview
  - 13.8.5 nanoplus Nanosystems and Technologies (Germany) Latest Developments
- 13.9 Akela Laser (US)
  - 13.9.1 Akela Laser (US) Company Information
  - 13.9.2 Akela Laser (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
  - 13.9.3 Akela Laser (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price

and Gross Margin (2021-2026)

13.9.4 Akela Laser (US) Main Business Overview

13.9.5 Akela Laser (US) Latest Developments

13.10 Sacher Lasertechnik (Germany)

13.10.1 Sacher Lasertechnik (Germany) Company Information

13.10.2 Sacher Lasertechnik (Germany) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.10.3 Sacher Lasertechnik (Germany) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Sacher Lasertechnik (Germany) Main Business Overview

13.10.5 Sacher Lasertechnik (Germany) Latest Developments

13.11 AdTech Optics (US)

13.11.1 AdTech Optics (US) Company Information

13.11.2 AdTech Optics (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.11.3 AdTech Optics (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 AdTech Optics (US) Main Business Overview

13.11.5 AdTech Optics (US) Latest Developments

13.12 LongWave Photonics (US)

13.12.1 LongWave Photonics (US) Company Information

13.12.2 LongWave Photonics (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.12.3 LongWave Photonics (US) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 LongWave Photonics (US) Main Business Overview

13.12.5 LongWave Photonics (US) Latest Developments

13.13 Femtum (Canada)

13.13.1 Femtum (Canada) Company Information

13.13.2 Femtum (Canada) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.13.3 Femtum (Canada) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Femtum (Canada) Main Business Overview

13.13.5 Femtum (Canada) Latest Developments

13.14 Chengdu MirayEver Photonics (China)

13.14.1 Chengdu MirayEver Photonics (China) Company Information

13.14.2 Chengdu MirayEver Photonics (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.14.3 Chengdu MirayEver Photonics (China) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Chengdu MirayEver Photonics (China) Main Business Overview

13.14.5 Chengdu MirayEver Photonics (China) Latest Developments

13.15 Teemsun Technology (China)

13.15.1 Teemsun Technology (China) Company Information

13.15.2 Teemsun Technology (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.15.3 Teemsun Technology (China) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Teemsun Technology (China) Main Business Overview

13.15.5 Teemsun Technology (China) Latest Developments

13.16 Beijing Reallight Technology (China)

13.16.1 Beijing Reallight Technology (China) Company Information

13.16.2 Beijing Reallight Technology (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.16.3 Beijing Reallight Technology (China) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Beijing Reallight Technology (China) Main Business Overview

13.16.5 Beijing Reallight Technology (China) Latest Developments

13.17 Shanghai Zhixin Puhui Technology (China)

13.17.1 Shanghai Zhixin Puhui Technology (China) Company Information

13.17.2 Shanghai Zhixin Puhui Technology (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

13.17.3 Shanghai Zhixin Puhui Technology (China) Mid-infrared Semiconductor Lasers Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Shanghai Zhixin Puhui Technology (China) Main Business Overview

13.17.5 Shanghai Zhixin Puhui Technology (China) Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Mid-infrared Semiconductor Lasers Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Mid-infrared Semiconductor Lasers Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Fabry-Perot QCL
- Table 4. Major Players of Distributed Feedback QCL
- Table 5. Major Players of Tunable External Cavities QCL
- Table 6. Global Mid-infrared Semiconductor Lasers Sales by Type (2021-2026) & (K Units)
- Table 7. Global Mid-infrared Semiconductor Lasers Sales Market Share by Type (2021-2026)
- Table 8. Global Mid-infrared Semiconductor Lasers Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Type (2021-2026)
- Table 10. Global Mid-infrared Semiconductor Lasers Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 11. Major Players of Quantum Cascade Lasers (QCLs)
- Table 12. Major Players of Interband Cascade Lasers (ICLs)
- Table 13. Major Players of Interband Mid-IR Diode Lasers
- Table 14. Global Mid-infrared Semiconductor Lasers Sales by Technology Architecture (2021-2026) & (K Units)
- Table 15. Global Mid-infrared Semiconductor Lasers Sales Market Share by Technology Architecture (2021-2026)
- Table 16. Global Mid-infrared Semiconductor Lasers Revenue by Technology Architecture (2021-2026) & (\$ million)
- Table 17. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Technology Architecture (2021-2026)
- Table 18. Global Mid-infrared Semiconductor Lasers Sale Price by Technology Architecture (2021-2026) & (US\$/Unit)
- Table 19. Major Players of 3–5  $\mu\text{m}$  (MWIR)
- Table 20. Major Players of 8–12  $\mu\text{m}$  (LWIR)
- Table 21. Global Mid-infrared Semiconductor Lasers Sales by Wavelength Band (2021-2026) & (K Units)
- Table 22. Global Mid-infrared Semiconductor Lasers Sales Market Share by

Wavelength Band (2021-2026)

Table 23. Global Mid-infrared Semiconductor Lasers Revenue by Wavelength Band (2021-2026) & (\$ million)

Table 24. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Wavelength Band (2021-2026)

Table 25. Global Mid-infrared Semiconductor Lasers Sale Price by Wavelength Band (2021-2026) & (US\$/Unit)

Table 26. Global Mid-infrared Semiconductor Lasers Sale by Application (2021-2026) & (K Units)

Table 27. Global Mid-infrared Semiconductor Lasers Sale Market Share by Application (2021-2026)

Table 28. Global Mid-infrared Semiconductor Lasers Revenue by Application (2021-2026) & (\$ million)

Table 29. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Application (2021-2026)

Table 30. Global Mid-infrared Semiconductor Lasers Sale Price by Application (2021-2026) & (US\$/Unit)

Table 31. Global Mid-infrared Semiconductor Lasers Sales by Company (2021-2026) & (K Units)

Table 32. Global Mid-infrared Semiconductor Lasers Sales Market Share by Company (2021-2026)

Table 33. Global Mid-infrared Semiconductor Lasers Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Company (2021-2026)

Table 35. Global Mid-infrared Semiconductor Lasers Sale Price by Company (2021-2026) & (US\$/Unit)

Table 36. Key Manufacturers Mid-infrared Semiconductor Lasers Producing Area Distribution and Sales Area

Table 37. Players Mid-infrared Semiconductor Lasers Products Offered

Table 38. Mid-infrared Semiconductor Lasers Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global Mid-infrared Semiconductor Lasers Sales by Geographic Region (2021-2026) & (K Units)

Table 42. Global Mid-infrared Semiconductor Lasers Sales Market Share Geographic Region (2021-2026)

Table 43. Global Mid-infrared Semiconductor Lasers Revenue by Geographic Region

(2021-2026) & (\$ millions)

Table 44. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Geographic Region (2021-2026)

Table 45. Global Mid-infrared Semiconductor Lasers Sales by Country/Region (2021-2026) & (K Units)

Table 46. Global Mid-infrared Semiconductor Lasers Sales Market Share by Country/Region (2021-2026)

Table 47. Global Mid-infrared Semiconductor Lasers Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas Mid-infrared Semiconductor Lasers Sales by Country (2021-2026) & (K Units)

Table 50. Americas Mid-infrared Semiconductor Lasers Sales Market Share by Country (2021-2026)

Table 51. Americas Mid-infrared Semiconductor Lasers Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas Mid-infrared Semiconductor Lasers Sales by Type (2021-2026) & (K Units)

Table 53. Americas Mid-infrared Semiconductor Lasers Sales by Application (2021-2026) & (K Units)

Table 54. APAC Mid-infrared Semiconductor Lasers Sales by Region (2021-2026) & (K Units)

Table 55. APAC Mid-infrared Semiconductor Lasers Sales Market Share by Region (2021-2026)

Table 56. APAC Mid-infrared Semiconductor Lasers Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC Mid-infrared Semiconductor Lasers Sales by Type (2021-2026) & (K Units)

Table 58. APAC Mid-infrared Semiconductor Lasers Sales by Application (2021-2026) & (K Units)

Table 59. Europe Mid-infrared Semiconductor Lasers Sales by Country (2021-2026) & (K Units)

Table 60. Europe Mid-infrared Semiconductor Lasers Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe Mid-infrared Semiconductor Lasers Sales by Type (2021-2026) & (K Units)

Table 62. Europe Mid-infrared Semiconductor Lasers Sales by Application (2021-2026) & (K Units)

Table 63. Middle East & Africa Mid-infrared Semiconductor Lasers Sales by Country (2021-2026) & (K Units)

Table 64. Middle East & Africa Mid-infrared Semiconductor Lasers Revenue Market Share by Country (2021-2026)

Table 65. Middle East & Africa Mid-infrared Semiconductor Lasers Sales by Type (2021-2026) & (K Units)

Table 66. Middle East & Africa Mid-infrared Semiconductor Lasers Sales by Application (2021-2026) & (K Units)

Table 67. Key Market Drivers & Growth Opportunities of Mid-infrared Semiconductor Lasers

Table 68. Key Market Challenges & Risks of Mid-infrared Semiconductor Lasers

Table 69. Key Industry Trends of Mid-infrared Semiconductor Lasers

Table 70. Mid-infrared Semiconductor Lasers Raw Material

Table 71. Key Suppliers of Raw Materials

Table 72. Mid-infrared Semiconductor Lasers Distributors List

Table 73. Mid-infrared Semiconductor Lasers Customer List

Table 74. Global Mid-infrared Semiconductor Lasers Sales Forecast by Region (2027-2032) & (K Units)

Table 75. Global Mid-infrared Semiconductor Lasers Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 76. Americas Mid-infrared Semiconductor Lasers Sales Forecast by Country (2027-2032) & (K Units)

Table 77. Americas Mid-infrared Semiconductor Lasers Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. APAC Mid-infrared Semiconductor Lasers Sales Forecast by Region (2027-2032) & (K Units)

Table 79. APAC Mid-infrared Semiconductor Lasers Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Europe Mid-infrared Semiconductor Lasers Sales Forecast by Country (2027-2032) & (K Units)

Table 81. Europe Mid-infrared Semiconductor Lasers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. Middle East & Africa Mid-infrared Semiconductor Lasers Sales Forecast by Country (2027-2032) & (K Units)

Table 83. Middle East & Africa Mid-infrared Semiconductor Lasers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. Global Mid-infrared Semiconductor Lasers Sales Forecast by Type (2027-2032) & (K Units)

Table 85. Global Mid-infrared Semiconductor Lasers Revenue Forecast by Type

(2027-2032) & (\$ millions)

Table 86. Global Mid-infrared Semiconductor Lasers Sales Forecast by Application (2027-2032) & (K Units)

Table 87. Global Mid-infrared Semiconductor Lasers Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 88. Thorlabs (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 89. Thorlabs (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 90. Thorlabs (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. Thorlabs (US) Main Business

Table 92. Thorlabs (US) Latest Developments

Table 93. Hamamatsu Photonics K.K. (Japan) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 94. Hamamatsu Photonics K.K. (Japan) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 95. Hamamatsu Photonics K.K. (Japan) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. Hamamatsu Photonics K.K. (Japan) Main Business

Table 97. Hamamatsu Photonics K.K. (Japan) Latest Developments

Table 98. MirSense (France) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 99. MirSense (France) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 100. MirSense (France) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. MirSense (France) Main Business

Table 102. MirSense (France) Latest Developments

Table 103. Block Engineering (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 104. Block Engineering (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 105. Block Engineering (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. Block Engineering (US) Main Business

Table 107. Block Engineering (US) Latest Developments

Table 108. Wavelength Electronics (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 109. Wavelength Electronics (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 110. Wavelength Electronics (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Wavelength Electronics (US) Main Business

Table 112. Wavelength Electronics (US) Latest Developments

Table 113. Daylight Solutions (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 114. Daylight Solutions (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 115. Daylight Solutions (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. Daylight Solutions (US) Main Business

Table 117. Daylight Solutions (US) Latest Developments

Table 118. Alpes Lasers (Switzerland) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 119. Alpes Lasers (Switzerland) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 120. Alpes Lasers (Switzerland) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. Alpes Lasers (Switzerland) Main Business

Table 122. Alpes Lasers (Switzerland) Latest Developments

Table 123. nanoplus Nanosystems and Technologies (Germany) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 124. nanoplus Nanosystems and Technologies (Germany) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 125. nanoplus Nanosystems and Technologies (Germany) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. nanoplus Nanosystems and Technologies (Germany) Main Business

Table 127. nanoplus Nanosystems and Technologies (Germany) Latest Developments

Table 128. Akela Laser (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 129. Akela Laser (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 130. Akela Laser (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. Akela Laser (US) Main Business

Table 132. Akela Laser (US) Latest Developments

- Table 133. Sacher Lasertechnik (Germany) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors
- Table 134. Sacher Lasertechnik (Germany) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
- Table 135. Sacher Lasertechnik (Germany) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 136. Sacher Lasertechnik (Germany) Main Business
- Table 137. Sacher Lasertechnik (Germany) Latest Developments
- Table 138. AdTech Optics (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors
- Table 139. AdTech Optics (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
- Table 140. AdTech Optics (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 141. AdTech Optics (US) Main Business
- Table 142. AdTech Optics (US) Latest Developments
- Table 143. LongWave Photonics (US) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors
- Table 144. LongWave Photonics (US) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
- Table 145. LongWave Photonics (US) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 146. LongWave Photonics (US) Main Business
- Table 147. LongWave Photonics (US) Latest Developments
- Table 148. Femtum (Canada) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors
- Table 149. Femtum (Canada) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
- Table 150. Femtum (Canada) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 151. Femtum (Canada) Main Business
- Table 152. Femtum (Canada) Latest Developments
- Table 153. Chengdu MirayEver Photonics (China) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors
- Table 154. Chengdu MirayEver Photonics (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications
- Table 155. Chengdu MirayEver Photonics (China) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 156. Chengdu MirayEver Photonics (China) Main Business

Table 157. Chengdu MirayEver Photonics (China) Latest Developments

Table 158. Teemsun Technology (China) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 159. Teemsun Technology (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 160. Teemsun Technology (China) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 161. Teemsun Technology (China) Main Business

Table 162. Teemsun Technology (China) Latest Developments

Table 163. Beijing Reallight Technology (China) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 164. Beijing Reallight Technology (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 165. Beijing Reallight Technology (China) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 166. Beijing Reallight Technology (China) Main Business

Table 167. Beijing Reallight Technology (China) Latest Developments

Table 168. Shanghai Zhixin Puhui Technology (China) Basic Information, Mid-infrared Semiconductor Lasers Manufacturing Base, Sales Area and Its Competitors

Table 169. Shanghai Zhixin Puhui Technology (China) Mid-infrared Semiconductor Lasers Product Portfolios and Specifications

Table 170. Shanghai Zhixin Puhui Technology (China) Mid-infrared Semiconductor Lasers Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 171. Shanghai Zhixin Puhui Technology (China) Main Business

Table 172. Shanghai Zhixin Puhui Technology (China) Latest Developments

## List Of Figures

### LIST OF FIGURES

Figure 1. Picture of Mid-infrared Semiconductor Lasers

Figure 2. Mid-infrared Semiconductor Lasers Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Mid-infrared Semiconductor Lasers Sales Growth Rate 2021-2032 (K Units)

Figure 7. Global Mid-infrared Semiconductor Lasers Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. Mid-infrared Semiconductor Lasers Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. Mid-infrared Semiconductor Lasers Sales Market Share by Country/Region (2025)

Figure 10. Mid-infrared Semiconductor Lasers Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of Fabry-Perot QCL

Figure 12. Product Picture of Distributed Feedback QCL

Figure 13. Product Picture of Tunable External Cavities QCL

Figure 14. Global Mid-infrared Semiconductor Lasers Sales Market Share by Type in 2026

Figure 15. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Type (2021-2026)

Figure 16. Product Picture of Quantum Cascade Lasers (QCLs)

Figure 17. Product Picture of Interband Cascade Lasers (ICLs)

Figure 18. Product Picture of Interband Mid-IR Diode Lasers

Figure 19. Global Mid-infrared Semiconductor Lasers Sales Market Share by Technology Architecture in 2026

Figure 20. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Technology Architecture (2021-2026)

Figure 21. Product Picture of 3–5  $\mu\text{m}$  (MWIR)

Figure 22. Product Picture of 8–12  $\mu\text{m}$  (LWIR)

Figure 23. Global Mid-infrared Semiconductor Lasers Sales Market Share by Wavelength Band in 2026

Figure 24. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Wavelength Band (2021-2026)

- Figure 25. Mid-infrared Semiconductor Lasers Consumed in Industrial
- Figure 26. Global Mid-infrared Semiconductor Lasers Market: Industrial (2021-2026) & (K Units)
- Figure 27. Mid-infrared Semiconductor Lasers Consumed in Environmental Monitoring
- Figure 28. Global Mid-infrared Semiconductor Lasers Market: Environmental Monitoring (2021-2026) & (K Units)
- Figure 29. Mid-infrared Semiconductor Lasers Consumed in Medical
- Figure 30. Global Mid-infrared Semiconductor Lasers Market: Medical (2021-2026) & (K Units)
- Figure 31. Mid-infrared Semiconductor Lasers Consumed in Telecommunication
- Figure 32. Global Mid-infrared Semiconductor Lasers Market: Telecommunication (2021-2026) & (K Units)
- Figure 33. Mid-infrared Semiconductor Lasers Consumed in Military & Defense
- Figure 34. Global Mid-infrared Semiconductor Lasers Market: Military & Defense (2021-2026) & (K Units)
- Figure 35. Mid-infrared Semiconductor Lasers Consumed in Others
- Figure 36. Global Mid-infrared Semiconductor Lasers Market: Others (2021-2026) & (K Units)
- Figure 37. Global Mid-infrared Semiconductor Lasers Sale Market Share by Application (2025)
- Figure 38. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Application in 2025
- Figure 39. Mid-infrared Semiconductor Lasers Sales by Company in 2025 (K Units)
- Figure 40. Global Mid-infrared Semiconductor Lasers Sales Market Share by Company in 2025
- Figure 41. Mid-infrared Semiconductor Lasers Revenue by Company in 2025 (\$ millions)
- Figure 42. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Company in 2025
- Figure 43. Global Mid-infrared Semiconductor Lasers Sales Market Share by Geographic Region (2021-2026)
- Figure 44. Global Mid-infrared Semiconductor Lasers Revenue Market Share by Geographic Region in 2025
- Figure 45. Americas Mid-infrared Semiconductor Lasers Sales 2021-2026 (K Units)
- Figure 46. Americas Mid-infrared Semiconductor Lasers Revenue 2021-2026 (\$ millions)
- Figure 47. APAC Mid-infrared Semiconductor Lasers Sales 2021-2026 (K Units)
- Figure 48. APAC Mid-infrared Semiconductor Lasers Revenue 2021-2026 (\$ millions)
- Figure 49. Europe Mid-infrared Semiconductor Lasers Sales 2021-2026 (K Units)

- Figure 50. Europe Mid-infrared Semiconductor Lasers Revenue 2021-2026 (\$ millions)
- Figure 51. Middle East & Africa Mid-infrared Semiconductor Lasers Sales 2021-2026 (K Units)
- Figure 52. Middle East & Africa Mid-infrared Semiconductor Lasers Revenue 2021-2026 (\$ millions)
- Figure 53. Americas Mid-infrared Semiconductor Lasers Sales Market Share by Country in 2025
- Figure 54. Americas Mid-infrared Semiconductor Lasers Revenue Market Share by Country (2021-2026)
- Figure 55. Americas Mid-infrared Semiconductor Lasers Sales Market Share by Type (2021-2026)
- Figure 56. Americas Mid-infrared Semiconductor Lasers Sales Market Share by Application (2021-2026)
- Figure 57. United States Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 58. Canada Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 59. Mexico Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 60. Brazil Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 61. APAC Mid-infrared Semiconductor Lasers Sales Market Share by Region in 2025
- Figure 62. APAC Mid-infrared Semiconductor Lasers Revenue Market Share by Region (2021-2026)
- Figure 63. APAC Mid-infrared Semiconductor Lasers Sales Market Share by Type (2021-2026)
- Figure 64. APAC Mid-infrared Semiconductor Lasers Sales Market Share by Application (2021-2026)
- Figure 65. China Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 66. Japan Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 67. South Korea Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 68. Southeast Asia Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)
- Figure 69. India Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 70. Australia Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 71. China Taiwan Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 72. Europe Mid-infrared Semiconductor Lasers Sales Market Share by Country in 2025

Figure 73. Europe Mid-infrared Semiconductor Lasers Revenue Market Share by Country (2021-2026)

Figure 74. Europe Mid-infrared Semiconductor Lasers Sales Market Share by Type (2021-2026)

Figure 75. Europe Mid-infrared Semiconductor Lasers Sales Market Share by Application (2021-2026)

Figure 76. Germany Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 77. France Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 78. UK Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 79. Italy Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 80. Russia Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 81. Middle East & Africa Mid-infrared Semiconductor Lasers Sales Market Share by Country (2021-2026)

Figure 82. Middle East & Africa Mid-infrared Semiconductor Lasers Sales Market Share by Type (2021-2026)

Figure 83. Middle East & Africa Mid-infrared Semiconductor Lasers Sales Market Share by Application (2021-2026)

Figure 84. Egypt Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 85. South Africa Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 86. Israel Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 87. Turkey Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 88. GCC Countries Mid-infrared Semiconductor Lasers Revenue Growth 2021-2026 (\$ millions)

Figure 89. Manufacturing Cost Structure Analysis of Mid-infrared Semiconductor Lasers

in 2026

Figure 90. Manufacturing Process Analysis of Mid-infrared Semiconductor Lasers

Figure 91. Industry Chain Structure of Mid-infrared Semiconductor Lasers

Figure 92. Channels of Distribution

Figure 93. Global Mid-infrared Semiconductor Lasers Sales Market Forecast by Region (2027-2032)

Figure 94. Global Mid-infrared Semiconductor Lasers Revenue Market Share Forecast by Region (2027-2032)

Figure 95. Global Mid-infrared Semiconductor Lasers Sales Market Share Forecast by Type (2027-2032)

Figure 96. Global Mid-infrared Semiconductor Lasers Revenue Market Share Forecast by Type (2027-2032)

Figure 97. Global Mid-infrared Semiconductor Lasers Sales Market Share Forecast by Application (2027-2032)

Figure 98. Global Mid-infrared Semiconductor Lasers Revenue Market Share Forecast by Application (2027-2032)

## I would like to order

Product name: Global Mid-infrared Semiconductor Lasers Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G1E7627BEE14EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G1E7627BEE14EN.html>