

IR-Emitter Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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IR-Emitter Trends and Forecast

The future of the global IR-emitter market looks promising with opportunities in the security and sensing, monitoring and detection, data transmission, thermal heating, and image recognition markets. The global IR-emitter market is expected to grow with a CAGR of 7.6% from 2024 to 2030. The major drivers for this market are increasing usage of IR emitters and modules in industrial applications and rise in adoption of surveillance cameras.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

IR-Emitter by Segment

The study includes a forecast for the global IR-emitter by type, spectral range, application, end use, and region.

IR-Emitter Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Flashing Infrared Emitter

Non-Flashing Infrared Emitter

IR-Emitter Market by Spectral Range [Shipment Analysis by Value from 2018 to 2030]:

Near IR

Short Wavelength Infrared

Medium Wavelength Infrared

Long Wavelength Infrared

Far IR

IR-Emitter Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Security and Sensing

Monitoring and Detection

Data Transmission

Thermal Heating

Image Recognition

Others

IR-Emitter Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Consumer Electronics

Aerospace & Defense

Automotive

IT & Telecommunication

Healthcare

Others

IR-Emitter Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of IR-Emitter Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies IR-emitter companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the IR-emitter companies profiled in this report include-

Murata Manufacturing

Nippon Avionics

ROHM Semiconductor

OSRAM Opto Semiconductors

Vishay Intertechnology

Hamamatsu Photonics

Honeywell International

IR-Emitter Market Insights

Lucintel forecasts that non-flashing infrared emitter is expected to witness higher growth over the forecast period due to its reliability and accuracy.

Within this market, security and sensing will remain the largest segment due to growing adoption of these emitters in security systems to detect intruders and trigger alarms.

APAC is expected to witness highest growth over the forecast period due to rapidly growing electronics industry in the region.

Features of the Global IR-Emitter Market

Market Size Estimates: IR-emitter market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: IR-emitter market size by various segments, such as by type, spectral range, application, end use, and region in terms of value (\$B).

Regional Analysis: IR-emitter market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different type, spectral range, application, end use, and regions for the IR-emitter market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the IR-emitter market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the growth forecast for IR-emitter market?

Answer: The global IR-emitter market is expected to grow with a CAGR of 7.6% from 2024 to 2030.

Q2. What are the major drivers influencing the growth of the IR-emitter market?

Answer: The major drivers for this market are increasing usage of IR emitters and modules in industrial applications and rise in adoption of surveillance cameras.

Q3. What are the major segments for IR-emitter market?

Answer: The future of the IR-emitter market looks promising with opportunities in the security and sensing, monitoring and detection, data transmission, thermal heating, and image recognition markets.

Q4. Who are the key IR-emitter market companies?

Answer: Some of the key IR-emitter companies are as follows:

Murata Manufacturing

Nippon Avionics

ROHM Semiconductor

OSRAM Opto Semiconductors

Vishay Intertechnology

Hamamatsu Photonics

Honeywell International

Q5. Which IR-emitter market segment will be the largest in future?

Answer: Lucintel forecasts that non-flashing infrared emitter is expected to witness higher growth over the forecast period due to its reliability and accuracy.

Q6. In IR-emitter market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to rapidly growing electronics industry in the region.

Q7. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the IR-emitter market by type (flashing infrared emitter and non-flashing infrared emitter), spectral range (near IR, short wavelength infrared, medium wavelength infrared, long wavelength infrared, and far IR), application (security and sensing, monitoring and detection, data transmission, thermal heating, image recognition, and others), end use (consumer electronics, aerospace & defense, automotive, it & telecommunication, healthcare, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been

on the industry?

For any questions related to IR-Emitter Market, IR-Emitter Market Size, IR-Emitter Market Growth, IR-Emitter Market Analysis, IR-Emitter Market Report, IR-Emitter Market Share, IR-Emitter Market Trends, IR-Emitter Market Forecast, IR-Emitter Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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7.6: Hamamatsu Photonics

7.7: Honeywell International

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