

2018-2023 Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Report

<https://marketpublishers.com/r/2925A1E41BAEN.html>

Date: September 2018

Pages: 138

Price: US\$ 4,660.00 (Single User License)

ID: 2925A1E41BAEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Infrared Radiation (IR) Emitter and Receiver market for 2018-2023.

Infrared radiation (IR) is electromagnetic radiation (EMR) with longer wavelengths than those of visible light, and is therefore generally invisible to the human eye.

IR data transmission is also employed in short-range communication among computer peripherals and personal digital assistants. These devices usually conform to standards published by IrDA, the Infrared Data Association. Remote controls and IrDA devices use infrared light-emitting diodes (LEDs) to emit infrared radiation that is focused by a plastic lens into a narrow beam. The beam is modulated, i.e. switched on and off, to prevent interference from other sources of infrared (like sunlight or artificial lighting). The receiver uses a silicon photodiode to convert the infrared radiation to an electric current. It responds only to the rapidly pulsing signal created by the transmitter, and filters out slowly changing infrared radiation from ambient light.

Over the next five years, LPI(LP Information) projects that Infrared Radiation (IR) Emitter and Receiver will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Infrared Radiation (IR) Emitter and Receiver market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated

from the sales of the following segments:

Segmentation by product type:

Long Wave (LWIR)

Short Wave IR (SWIR)

Far Wave (FWIR)

Mid Wave IR (MWIR)

Segmentation by application:

Consumer electronics

Remotes

IR cameras and sensors

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Excelitas Technologies

FLIR Systems

Honeywell International

Murata Manufacturing

Hamamatsu Photonics

Leonardo DRS

OSRAM Opto Semiconductors

Sofradir

Texas Instruments

Vishay Intertechnology

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Infrared Radiation (IR) Emitter and Receiver consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Infrared Radiation (IR) Emitter and Receiver market by identifying its various subsegments.

Focuses on the key global Infrared Radiation (IR) Emitter and Receiver manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Infrared Radiation (IR) Emitter and Receiver with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Infrared Radiation (IR) Emitter and Receiver submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Research Objectives
- 1.3 Years Considered
- 1.4 Market Research Methodology
- 1.5 Economic Indicators
- 1.6 Currency Considered

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Infrared Radiation (IR) Emitter and Receiver Consumption 2013-2023
- 2.1.2 Infrared Radiation (IR) Emitter and Receiver Consumption CAGR by Region

2.2 Infrared Radiation (IR) Emitter and Receiver Segment by Type

- 2.2.1 Long Wave (LWIR)
- 2.2.2 Short Wave IR (SWIR)
- 2.2.3 Far Wave (FWIR)
- 2.2.4 Mid Wave IR (MWIR)

2.3 Infrared Radiation (IR) Emitter and Receiver Consumption by Type

- 2.3.1 Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Type (2013-2018)
- 2.3.2 Global Infrared Radiation (IR) Emitter and Receiver Revenue and Market Share by Type (2013-2018)
- 2.3.3 Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Type (2013-2018)

2.4 Infrared Radiation (IR) Emitter and Receiver Segment by Application

- 2.4.1 Consumer electronics
- 2.4.2 Remotes
- 2.4.3 IR cameras and sensors

2.5 Infrared Radiation (IR) Emitter and Receiver Consumption by Application

- 2.5.1 Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application (2013-2018)
- 2.5.2 Global Infrared Radiation (IR) Emitter and Receiver Value and Market Share by Application (2013-2018)
- 2.5.3 Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Application (2013-2018)

3 GLOBAL INFRARED RADIATION (IR) EMITTER AND RECEIVER BY PLAYERS

3.1 Global Infrared Radiation (IR) Emitter and Receiver Sales Market Share by Players

3.1.1 Global Infrared Radiation (IR) Emitter and Receiver Sales by Players
(2016-2018)

3.1.2 Global Infrared Radiation (IR) Emitter and Receiver Sales Market Share by
Players (2016-2018)

3.2 Global Infrared Radiation (IR) Emitter and Receiver Revenue Market Share by Players

3.2.1 Global Infrared Radiation (IR) Emitter and Receiver Revenue by Players
(2016-2018)

3.2.2 Global Infrared Radiation (IR) Emitter and Receiver Revenue Market Share by
Players (2016-2018)

3.3 Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Players

3.4 Global Infrared Radiation (IR) Emitter and Receiver Manufacturing Base

Distribution, Sales Area, Product Types by Players

3.4.1 Global Infrared Radiation (IR) Emitter and Receiver Manufacturing Base
Distribution and Sales Area by Players

3.4.2 Players Infrared Radiation (IR) Emitter and Receiver Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 INFRARED RADIATION (IR) EMITTER AND RECEIVER BY REGIONS

4.1 Infrared Radiation (IR) Emitter and Receiver by Regions

4.1.1 Global Infrared Radiation (IR) Emitter and Receiver Consumption by Regions

4.1.2 Global Infrared Radiation (IR) Emitter and Receiver Value by Regions

4.2 Americas Infrared Radiation (IR) Emitter and Receiver Consumption Growth

4.3 APAC Infrared Radiation (IR) Emitter and Receiver Consumption Growth

4.4 Europe Infrared Radiation (IR) Emitter and Receiver Consumption Growth

4.5 Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption Growth

5 AMERICAS

5.1 Americas Infrared Radiation (IR) Emitter and Receiver Consumption by Countries

5.1.1 Americas Infrared Radiation (IR) Emitter and Receiver Consumption by Countries (2013-2018)

5.1.2 Americas Infrared Radiation (IR) Emitter and Receiver Value by Countries (2013-2018)

5.2 Americas Infrared Radiation (IR) Emitter and Receiver Consumption by Type

5.3 Americas Infrared Radiation (IR) Emitter and Receiver Consumption by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Key Economic Indicators of Few Americas Countries

6 APAC

6.1 APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Countries

6.1.1 APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Countries (2013-2018)

6.1.2 APAC Infrared Radiation (IR) Emitter and Receiver Value by Countries (2013-2018)

6.2 APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Type

6.3 APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Application

6.4 China

6.5 Japan

6.6 Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 Key Economic Indicators of Few APAC Countries

7 EUROPE

7.1 Europe Infrared Radiation (IR) Emitter and Receiver by Countries

7.1.1 Europe Infrared Radiation (IR) Emitter and Receiver Consumption by Countries (2013-2018)

7.1.2 Europe Infrared Radiation (IR) Emitter and Receiver Value by Countries (2013-2018)

7.2 Europe Infrared Radiation (IR) Emitter and Receiver Consumption by Type

7.3 Europe Infrared Radiation (IR) Emitter and Receiver Consumption by Application

7.4 Germany

- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia
- 7.9 Spain
- 7.10 Key Economic Indicators of Few Europe Countries

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Infrared Radiation (IR) Emitter and Receiver by Countries
 - 8.1.1 Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption by Countries (2013-2018)
 - 8.1.2 Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Value by Countries (2013-2018)
- 8.2 Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption by Type
- 8.3 Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption by Application
- 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 and Impact
 - 9.1.1 Growing Demand from Key Regions
 - 9.1.2 Growing Demand from Key Applications and Potential Industries
- 9.2 Market Challenges and Impact
- 9.3 Market Trends

10 MARKETING, DISTRIBUTORS AND CUSTOMER

- 10.1 Sales Channel
 - 10.1.1 Direct Marketing
 - 10.1.2 Indirect Marketing
- 10.2 Infrared Radiation (IR) Emitter and Receiver Distributors
- 10.3 Infrared Radiation (IR) Emitter and Receiver Customer

11 GLOBAL INFRARED RADIATION (IR) EMITTER AND RECEIVER MARKET FORECAST

11.1 Global Infrared Radiation (IR) Emitter and Receiver Consumption Forecast (2018-2023)

11.2 Global Infrared Radiation (IR) Emitter and Receiver Forecast by Regions

11.2.1 Global Infrared Radiation (IR) Emitter and Receiver Forecast by Regions (2018-2023)

11.2.2 Global Infrared Radiation (IR) Emitter and Receiver Value Forecast by Regions (2018-2023)

11.2.3 Americas Consumption Forecast

11.2.4 APAC Consumption Forecast

11.2.5 Europe Consumption Forecast

11.2.6 Middle East & Africa Consumption Forecast

11.3 Americas Forecast by Countries

11.3.1 United States Market Forecast

11.3.2 Canada Market Forecast

11.3.3 Mexico Market Forecast

11.3.4 Brazil Market Forecast

11.4 APAC Forecast by Countries

11.4.1 China Market Forecast

11.4.2 Japan Market Forecast

11.4.3 Korea Market Forecast

11.4.4 Southeast Asia Market Forecast

11.4.5 India Market Forecast

11.4.6 Australia Market Forecast

11.5 Europe Forecast by Countries

11.5.1 Germany Market Forecast

11.5.2 France Market Forecast

11.5.3 UK Market Forecast

11.5.4 Italy Market Forecast

11.5.5 Russia Market Forecast

11.5.6 Spain Market Forecast

11.6 Middle East & Africa Forecast by Countries

11.6.1 Egypt Market Forecast

11.6.2 South Africa Market Forecast

11.6.3 Israel Market Forecast

11.6.4 Turkey Market Forecast

- 11.6.5 GCC Countries Market Forecast
- 11.7 Global Infrared Radiation (IR) Emitter and Receiver Forecast by Type
- 11.8 Global Infrared Radiation (IR) Emitter and Receiver Forecast by Application

12 KEY PLAYERS ANALYSIS

12.1 Excelitas Technologies

- 12.1.1 Company Details
- 12.1.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
- 12.1.3 Excelitas Technologies Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
- 12.1.4 Main Business Overview
- 12.1.5 Excelitas Technologies News

12.2 FLIR Systems

- 12.2.1 Company Details
- 12.2.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
- 12.2.3 FLIR Systems Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
- 12.2.4 Main Business Overview
- 12.2.5 FLIR Systems News

12.3 Honeywell International

- 12.3.1 Company Details
- 12.3.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
- 12.3.3 Honeywell International Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
- 12.3.4 Main Business Overview
- 12.3.5 Honeywell International News

12.4 Murata Manufacturing

- 12.4.1 Company Details
- 12.4.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
- 12.4.3 Murata Manufacturing Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
- 12.4.4 Main Business Overview
- 12.4.5 Murata Manufacturing News

12.5 Hamamatsu Photonics

- 12.5.1 Company Details
- 12.5.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
- 12.5.3 Hamamatsu Photonics Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

- 12.5.4 Main Business Overview
- 12.5.5 Hamamatsu Photonics News
- 12.6 Leonardo DRS
 - 12.6.1 Company Details
 - 12.6.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
 - 12.6.3 Leonardo DRS Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.6.4 Main Business Overview
 - 12.6.5 Leonardo DRS News
- 12.7 OSRAM Opto Semiconductors
 - 12.7.1 Company Details
 - 12.7.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
 - 12.7.3 OSRAM Opto Semiconductors Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.7.4 Main Business Overview
 - 12.7.5 OSRAM Opto Semiconductors News
- 12.8 Sofradir
 - 12.8.1 Company Details
 - 12.8.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
 - 12.8.3 Sofradir Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.8.4 Main Business Overview
 - 12.8.5 Sofradir News
- 12.9 Texas Instruments
 - 12.9.1 Company Details
 - 12.9.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
 - 12.9.3 Texas Instruments Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.9.4 Main Business Overview
 - 12.9.5 Texas Instruments News
- 12.10 Vishay Intertechnology
 - 12.10.1 Company Details
 - 12.10.2 Infrared Radiation (IR) Emitter and Receiver Product Offered
 - 12.10.3 Vishay Intertechnology Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)
 - 12.10.4 Main Business Overview
 - 12.10.5 Vishay Intertechnology News

13 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Infrared Radiation (IR) Emitter and Receiver

Table Product Specifications of Infrared Radiation (IR) Emitter and Receiver

Figure Infrared Radiation (IR) Emitter and Receiver Report Years Considered

Figure Market Research Methodology

Figure Global Infrared Radiation (IR) Emitter and Receiver Consumption Growth Rate
2013-2023 (K Units)

Figure Global Infrared Radiation (IR) Emitter and Receiver Value Growth Rate
2013-2023 (\$ Millions)

Table Infrared Radiation (IR) Emitter and Receiver Consumption CAGR by Region
2013-2023 (\$ Millions)

Figure Product Picture of Long Wave (LWIR)

Table Major Players of Long Wave (LWIR)

Figure Product Picture of Short Wave IR (SWIR)

Table Major Players of Short Wave IR (SWIR)

Figure Product Picture of Far Wave (FWIR)

Table Major Players of Far Wave (FWIR)

Figure Product Picture of Mid Wave IR (MWIR)

Table Major Players of Mid Wave IR (MWIR)

Table Global Consumption Sales by Type (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share
by Type (2013-2018)

Figure Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share
by Type (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Revenue by Type
(2013-2018) (\$ million)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Market Share by Type
(2013-2018) (\$ Millions)

Figure Global Infrared Radiation (IR) Emitter and Receiver Value Market Share by Type
(2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Type
(2013-2018)

Figure Infrared Radiation (IR) Emitter and Receiver Consumed in Consumer electronics

Figure Global Infrared Radiation (IR) Emitter and Receiver Market: Consumer
electronics (2013-2018) (K Units)

Figure Global Infrared Radiation (IR) Emitter and Receiver Market: Consumer

electronics (2013-2018) (\$ Millions)

Figure Global Consumer electronics YoY Growth (\$ Millions)

Figure Infrared Radiation (IR) Emitter and Receiver Consumed in Remotes

Figure Global Infrared Radiation (IR) Emitter and Receiver Market: Remotes (2013-2018) (K Units)

Figure Global Infrared Radiation (IR) Emitter and Receiver Market: Remotes (2013-2018) (\$ Millions)

Figure Global Remotes YoY Growth (\$ Millions)

Figure Infrared Radiation (IR) Emitter and Receiver Consumed in IR cameras and sensors

Figure Global Infrared Radiation (IR) Emitter and Receiver Market: IR cameras and sensors (2013-2018) (K Units)

Figure Global Infrared Radiation (IR) Emitter and Receiver Market: IR cameras and sensors (2013-2018) (\$ Millions)

Figure Global IR cameras and sensors YoY Growth (\$ Millions)

Table Global Consumption Sales by Application (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application (2013-2018)

Figure Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Value by Application (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Market Share by Application (2013-2018)

Figure Global Infrared Radiation (IR) Emitter and Receiver Value Market Share by Application (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Application (2013-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Sales by Players (2016-2018) (K Units)

Table Global Infrared Radiation (IR) Emitter and Receiver Sales Market Share by Players (2016-2018)

Figure Global Infrared Radiation (IR) Emitter and Receiver Sales Market Share by Players in 2016

Figure Global Infrared Radiation (IR) Emitter and Receiver Sales Market Share by Players in 2017

Table Global Infrared Radiation (IR) Emitter and Receiver Revenue by Players (2016-2018) (\$ Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Revenue Market Share by

Players (2016-2018)

Figure Global Infrared Radiation (IR) Emitter and Receiver Revenue Market Share by Players in 2016

Figure Global Infrared Radiation (IR) Emitter and Receiver Revenue Market Share by Players in 2017

Table Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Players (2016-2018)

Figure Global Infrared Radiation (IR) Emitter and Receiver Sale Price by Players in 2017

Table Global Infrared Radiation (IR) Emitter and Receiver Manufacturing Base Distribution and Sales Area by Players

Table Players Infrared Radiation (IR) Emitter and Receiver Products Offered

Table Infrared Radiation (IR) Emitter and Receiver Concentration Ratio (CR3, CR5 and CR10) (2016-2018)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption by Regions 2013-2018 (K Units)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Regions 2013-2018

Figure Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Regions 2013-2018

Table Global Infrared Radiation (IR) Emitter and Receiver Value by Regions 2013-2018 (\$ Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Market Share by Regions 2013-2018

Figure Global Infrared Radiation (IR) Emitter and Receiver Value Market Share by Regions 2013-2018

Figure Americas Infrared Radiation (IR) Emitter and Receiver Consumption 2013-2018 (K Units)

Figure Americas Infrared Radiation (IR) Emitter and Receiver Value 2013-2018 (\$ Millions)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Consumption 2013-2018 (K Units)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Value 2013-2018 (\$ Millions)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Consumption 2013-2018 (K Units)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Value 2013-2018 (\$ Millions)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption 2013-2018 (K Units)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Value
2013-2018 (\$ Millions)

Table Americas Infrared Radiation (IR) Emitter and Receiver Consumption by Countries
(2013-2018) (K Units)

Table Americas Infrared Radiation (IR) Emitter and Receiver Consumption Market
Share by Countries (2013-2018)

Figure Americas Infrared Radiation (IR) Emitter and Receiver Consumption Market
Share by Countries in 2017

Table Americas Infrared Radiation (IR) Emitter and Receiver Value by Countries
(2013-2018) (\$ Millions)

Table Americas Infrared Radiation (IR) Emitter and Receiver Value Market Share by
Countries (2013-2018)

Figure Americas Infrared Radiation (IR) Emitter and Receiver Value Market Share by
Countries in 2017

Table Americas Infrared Radiation (IR) Emitter and Receiver Consumption by Type
(2013-2018) (K Units)

Table Americas Infrared Radiation (IR) Emitter and Receiver Consumption Market
Share by Type (2013-2018)

Figure Americas Infrared Radiation (IR) Emitter and Receiver Consumption Market
Share by Type in 2017

Table Americas Infrared Radiation (IR) Emitter and Receiver Consumption by
Application (2013-2018) (K Units)

Table Americas Infrared Radiation (IR) Emitter and Receiver Consumption Market
Share by Application (2013-2018)

Figure Americas Infrared Radiation (IR) Emitter and Receiver Consumption Market
Share by Application in 2017

Figure United States Infrared Radiation (IR) Emitter and Receiver Consumption Growth
2013-2018 (K Units)

Figure United States Infrared Radiation (IR) Emitter and Receiver Value Growth
2013-2018 (\$ Millions)

Figure Canada Infrared Radiation (IR) Emitter and Receiver Consumption Growth
2013-2018 (K Units)

Figure Canada Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$
Millions)

Figure Mexico Infrared Radiation (IR) Emitter and Receiver Consumption Growth
2013-2018 (K Units)

Figure Mexico Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$
Millions)

Table APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Countries

(2013-2018) (K Units)

Table APAC Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Countries (2013-2018)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Countries in 2017

Table APAC Infrared Radiation (IR) Emitter and Receiver Value by Countries (2013-2018) (\$ Millions)

Table APAC Infrared Radiation (IR) Emitter and Receiver Value Market Share by Countries (2013-2018)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Value Market Share by Countries in 2017

Table APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Type (2013-2018) (K Units)

Table APAC Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Type (2013-2018)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Type in 2017

Table APAC Infrared Radiation (IR) Emitter and Receiver Consumption by Application (2013-2018) (K Units)

Table APAC Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application (2013-2018)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application in 2017

Figure China Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure China Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure Japan Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Japan Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure Korea Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Korea Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure Southeast Asia Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Southeast Asia Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure India Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure India Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure Australia Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Australia Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Table Europe Infrared Radiation (IR) Emitter and Receiver Consumption by Countries (2013-2018) (K Units)

Table Europe Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Countries (2013-2018)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Countries in 2017

Table Europe Infrared Radiation (IR) Emitter and Receiver Value by Countries (2013-2018) (\$ Millions)

Table Europe Infrared Radiation (IR) Emitter and Receiver Value Market Share by Countries (2013-2018)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Value Market Share by Countries in 2017

Table Europe Infrared Radiation (IR) Emitter and Receiver Consumption by Type (2013-2018) (K Units)

Table Europe Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Type (2013-2018)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Type in 2017

Table Europe Infrared Radiation (IR) Emitter and Receiver Consumption by Application (2013-2018) (K Units)

Table Europe Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application (2013-2018)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application in 2017

Figure Germany Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Germany Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure France Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure France Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$

Millions)

Figure UK Infrared Radiation (IR) Emitter and Receiver Consumption Growth

2013-2018 (K Units)

Figure UK Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$

Millions)

Figure Italy Infrared Radiation (IR) Emitter and Receiver Consumption Growth

2013-2018 (K Units)

Figure Italy Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$

Millions)

Figure Russia Infrared Radiation (IR) Emitter and Receiver Consumption Growth

2013-2018 (K Units)

Figure Russia Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$

Millions)

Figure Spain Infrared Radiation (IR) Emitter and Receiver Consumption Growth

2013-2018 (K Units)

Figure Spain Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$

Millions)

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

by Countries (2013-2018) (K Units)

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

Market Share by Countries (2013-2018)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

Market Share by Countries in 2017

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Value by

Countries (2013-2018) (\$ Millions)

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Value Market

Share by Countries (2013-2018)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Value Market

Share by Countries in 2017

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

by Type (2013-2018) (K Units)

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

Market Share by Type (2013-2018)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

Market Share by Type in 2017

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

by Application (2013-2018) (K Units)

Table Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption

Market Share by Application (2013-2018)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption Market Share by Application in 2017

Figure Egypt Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Egypt Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure South Africa Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure South Africa Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure Israel Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Israel Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure Turkey Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure Turkey Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Figure GCC Countries Infrared Radiation (IR) Emitter and Receiver Consumption Growth 2013-2018 (K Units)

Figure GCC Countries Infrared Radiation (IR) Emitter and Receiver Value Growth 2013-2018 (\$ Millions)

Table Infrared Radiation (IR) Emitter and Receiver Distributors List

Table Infrared Radiation (IR) Emitter and Receiver Customer List

Figure Global Infrared Radiation (IR) Emitter and Receiver Consumption Growth Rate Forecast (2018-2023) (K Units)

Figure Global Infrared Radiation (IR) Emitter and Receiver Value Growth Rate Forecast (2018-2023) (\$ Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Forecast by Countries (2018-2023) (K Units)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Forecast by Regions

Table Global Infrared Radiation (IR) Emitter and Receiver Value Forecast by Countries (2018-2023) (\$ Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Market Share Forecast by Regions

Figure Americas Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Americas Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$

Millions)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure APAC Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Europe Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Middle East & Africa Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure United States Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure United States Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Canada Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Canada Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Mexico Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Mexico Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Brazil Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Brazil Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure China Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure China Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Japan Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Japan Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Korea Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Korea Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Southeast Asia Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Southeast Asia Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$

Millions)

Figure India Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure India Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Australia Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Australia Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Germany Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Germany Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure France Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure France Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure UK Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure UK Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Italy Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Italy Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Russia Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Russia Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Spain Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Spain Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Egypt Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Egypt Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure South Africa Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure South Africa Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Israel Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K Units)

Figure Israel Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure Turkey Infrared Radiation (IR) Emitter and Receiver Consumption 2018-2023 (K

Units)

Figure Turkey Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$ Millions)

Figure GCC Countries Infrared Radiation (IR) Emitter and Receiver Consumption
2018-2023 (K Units)

Figure GCC Countries Infrared Radiation (IR) Emitter and Receiver Value 2018-2023 (\$
Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Forecast by
Type (2018-2023) (K Units)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share
Forecast by Type (2018-2023)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Forecast by Type
(2018-2023) (\$ Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Market Share Forecast
by Type (2018-2023)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Forecast by
Application (2018-2023) (K Units)

Table Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Share
Forecast by Application (2018-2023)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Forecast by Application
(2018-2023) (\$ Millions)

Table Global Infrared Radiation (IR) Emitter and Receiver Value Market Share Forecast
by Application (2018-2023)

Table Excelitas Technologies Basic Information, Manufacturing Base, Sales Area and
Its Competitors

Table Excelitas Technologies Infrared Radiation (IR) Emitter and Receiver Sales,
Revenue, Price and Gross Margin (2016-2018)

Figure Excelitas Technologies Infrared Radiation (IR) Emitter and Receiver Market
Share (2016-2018)

Table FLIR Systems Basic Information, Manufacturing Base, Sales Area and Its
Competitors

Table FLIR Systems Infrared Radiation (IR) Emitter and Receiver Sales, Revenue,
Price and Gross Margin (2016-2018)

Figure FLIR Systems Infrared Radiation (IR) Emitter and Receiver Market Share
(2016-2018)

Table Honeywell International Basic Information, Manufacturing Base, Sales Area and
Its Competitors

Table Honeywell International Infrared Radiation (IR) Emitter and Receiver Sales,
Revenue, Price and Gross Margin (2016-2018)

Figure Honeywell International Infrared Radiation (IR) Emitter and Receiver Market

Share (2016-2018)

Table Murata Manufacturing Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Murata Manufacturing Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Murata Manufacturing Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

Table Hamamatsu Photonics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Hamamatsu Photonics Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Hamamatsu Photonics Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

Table Leonardo DRS Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Leonardo DRS Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Leonardo DRS Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

Table OSRAM Opto Semiconductors Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table OSRAM Opto Semiconductors Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure OSRAM Opto Semiconductors Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

Table Sofradir Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Sofradir Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Sofradir Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

Table Texas Instruments Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Texas Instruments Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Texas Instruments Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

Table Vishay Intertechnology Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Vishay Intertechnology Infrared Radiation (IR) Emitter and Receiver Sales, Revenue, Price and Gross Margin (2016-2018)

Figure Vishay Intertechnology Infrared Radiation (IR) Emitter and Receiver Market Share (2016-2018)

I would like to order

Product name: 2018-2023 Global Infrared Radiation (IR) Emitter and Receiver Consumption Market Report

Product link: <https://marketpublishers.com/r/2925A1E41BAEN.html>

Price: US\$ 4,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2925A1E41BAEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

