

# Global IR Emitter and Receiver Market Research Report 2017

https://marketpublishers.com/r/G0863F3C916PEN.html

Date: October 2017 Pages: 113 Price: US\$ 2,900.00 (Single User License) ID: G0863F3C916PEN

# Abstracts

In this report, the global IR Emitter and Receiver market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report is segmented into several key Regions, with production, consumption, revenue (million USD), market share and growth rate of IR Emitter and Receiver in these regions, from 2012 to 2022 (forecast), covering

United States EU China Japan South Korea Taiwan

Global IR Emitter and Receiver market competition by top manufacturers, with production, price, revenue (value) and market share for each manufacturer; the top players including

**Excelitas Technologies** 



**FLIR Systems** 

Honeywell

Murata Manufacturing

**DRS** Technologies

Hamamatsu Photonics

**OSRAM Opto Semiconductors** 

Sofradir

**Texas Instruments** 

**VIGO Systems** 

Vishay Intertechnology

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Type I

Type II

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, consumption (sales), market share and growth rate of IR Emitter and Receiver for each application, including

Security

Sensing

Test and measurement



If you have any special requirements, please let us know and we will offer you the report as you want.



# Contents

Global IR Emitter and Receiver Market Research Report 2017

#### **1 IR EMITTER AND RECEIVER MARKET OVERVIEW**

1.1 Product Overview and Scope of IR Emitter and Receiver

1.2 IR Emitter and Receiver Segment by Type (Product Category)

1.2.1 Global IR Emitter and Receiver Production and CAGR (%) Comparison by Type (Product Category)(2012-2022)

1.2.2 Global IR Emitter and Receiver Production Market Share by Type (Product Category) in 2016

1.2.3

1.2.4

1.3 Global IR Emitter and Receiver Segment by Application

1.3.1 IR Emitter and Receiver Consumption (Sales) Comparison by Application (2012-2022)

1.3.2 Security

1.3.3 Sensing

1.3.4 Test and measurement

1.4 Global IR Emitter and Receiver Market by Region (2012-2022)

1.4.1 Global IR Emitter and Receiver Market Size (Value) and CAGR (%) Comparison by Region (2012-2022)

- 1.4.2 United States Status and Prospect (2012-2022)
- 1.4.3 EU Status and Prospect (2012-2022)

1.4.4 China Status and Prospect (2012-2022)

1.4.5 Japan Status and Prospect (2012-2022)

1.4.6 South Korea Status and Prospect (2012-2022)

1.4.7 Taiwan Status and Prospect (2012-2022)

1.5 Global Market Size (Value) of IR Emitter and Receiver (2012-2022)

1.5.1 Global IR Emitter and Receiver Revenue Status and Outlook (2012-2022)

1.5.2 Global IR Emitter and Receiver Capacity, Production Status and Outlook (2012-2022)

### 2 GLOBAL IR EMITTER AND RECEIVER MARKET COMPETITION BY MANUFACTURERS

2.1 Global IR Emitter and Receiver Capacity, Production and Share by Manufacturers (2012-2017)



2.1.1 Global IR Emitter and Receiver Capacity and Share by Manufacturers (2012-2017)

2.1.2 Global IR Emitter and Receiver Production and Share by Manufacturers (2012-2017)

2.2 Global IR Emitter and Receiver Revenue and Share by Manufacturers (2012-2017)

2.3 Global IR Emitter and Receiver Average Price by Manufacturers (2012-2017)

2.4 Manufacturers IR Emitter and Receiver Manufacturing Base Distribution, Sales Area and Product Type

2.5 IR Emitter and Receiver Market Competitive Situation and Trends

2.5.1 IR Emitter and Receiver Market Concentration Rate

2.5.2 IR Emitter and Receiver Market Share of Top 3 and Top 5 Manufacturers

2.5.3 Mergers & Acquisitions, Expansion

### 3 GLOBAL IR EMITTER AND RECEIVER CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGION (2012-2017)

3.1 Global IR Emitter and Receiver Capacity and Market Share by Region (2012-2017)

3.2 Global IR Emitter and Receiver Production and Market Share by Region (2012-2017)

3.3 Global IR Emitter and Receiver Revenue (Value) and Market Share by Region (2012-2017)

3.4 Global IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.5 United States IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.6 EU IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.7 China IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.8 Japan IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.9 South Korea IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

3.10 Taiwan IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

## 4 GLOBAL IR EMITTER AND RECEIVER SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGION (2012-2017)



4.1 Global IR Emitter and Receiver Consumption by Region (2012-2017)

4.2 United States IR Emitter and Receiver Production, Consumption, Export, Import (2012-2017)

4.3 EU IR Emitter and Receiver Production, Consumption, Export, Import (2012-2017)

4.4 China IR Emitter and Receiver Production, Consumption, Export, Import (2012-2017)

4.5 Japan IR Emitter and Receiver Production, Consumption, Export, Import (2012-2017)

4.6 South Korea IR Emitter and Receiver Production, Consumption, Export, Import (2012-2017)

4.7 Taiwan IR Emitter and Receiver Production, Consumption, Export, Import (2012-2017)

### 5 GLOBAL IR EMITTER AND RECEIVER PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE

- 5.1 Global IR Emitter and Receiver Production and Market Share by Type (2012-2017)
- 5.2 Global IR Emitter and Receiver Revenue and Market Share by Type (2012-2017)
- 5.3 Global IR Emitter and Receiver Price by Type (2012-2017)
- 5.4 Global IR Emitter and Receiver Production Growth by Type (2012-2017)

#### 6 GLOBAL IR EMITTER AND RECEIVER MARKET ANALYSIS BY APPLICATION

6.1 Global IR Emitter and Receiver Consumption and Market Share by Application (2012-2017)

6.2 Global IR Emitter and Receiver Consumption Growth Rate by Application (2012-2017)

6.3 Market Drivers and Opportunities

- 6.3.1 Potential Applications
- 6.3.2 Emerging Markets/Countries

#### 7 GLOBAL IR EMITTER AND RECEIVER MANUFACTURERS PROFILES/ANALYSIS

7.1 Excelitas Technologies

7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.1.2 IR Emitter and Receiver Product Category, Application and Specification

7.1.2.1 Product A

7.1.2.2 Product B



7.1.3 Excelitas Technologies IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.1.4 Main Business/Business Overview

7.2 FLIR Systems

7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.2.2 IR Emitter and Receiver Product Category, Application and Specification

7.2.2.1 Product A

7.2.2.2 Product B

7.2.3 FLIR Systems IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.2.4 Main Business/Business Overview

7.3 Honeywell

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.3.2 IR Emitter and Receiver Product Category, Application and Specification

7.3.2.1 Product A

7.3.2.2 Product B

7.3.3 Honeywell IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.3.4 Main Business/Business Overview

7.4 Murata Manufacturing

7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.4.2 IR Emitter and Receiver Product Category, Application and Specification

7.4.2.1 Product A

7.4.2.2 Product B

7.4.3 Murata Manufacturing IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.4.4 Main Business/Business Overview

7.5 DRS Technologies

7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.5.2 IR Emitter and Receiver Product Category, Application and Specification

7.5.2.1 Product A

7.5.2.2 Product B

7.5.3 DRS Technologies IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.5.4 Main Business/Business Overview



7.6 Hamamatsu Photonics

7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.6.2 IR Emitter and Receiver Product Category, Application and Specification

7.6.2.1 Product A

7.6.2.2 Product B

7.6.3 Hamamatsu Photonics IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.6.4 Main Business/Business Overview

7.7 OSRAM Opto Semiconductors

7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.7.2 IR Emitter and Receiver Product Category, Application and Specification

7.7.2.1 Product A

7.7.2.2 Product B

7.7.3 OSRAM Opto Semiconductors IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.7.4 Main Business/Business Overview

7.8 Sofradir

7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

7.8.2 IR Emitter and Receiver Product Category, Application and Specification

7.8.2.1 Product A

7.8.2.2 Product B

7.8.3 Sofradir IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.8.4 Main Business/Business Overview

7.9 Texas Instruments

7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

7.9.2 IR Emitter and Receiver Product Category, Application and Specification

7.9.2.1 Product A

7.9.2.2 Product B

7.9.3 Texas Instruments IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

7.9.4 Main Business/Business Overview

7.10 VIGO Systems

7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors



7.10.2 IR Emitter and Receiver Product Category, Application and Specification

- 7.10.2.1 Product A
- 7.10.2.2 Product B

7.10.3 VIGO Systems IR Emitter and Receiver Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

- 7.10.4 Main Business/Business Overview
- 7.11 Vishay Intertechnology

#### **8 IR EMITTER AND RECEIVER MANUFACTURING COST ANALYSIS**

- 8.1 IR Emitter and Receiver Key Raw Materials Analysis
- 8.1.1 Key Raw Materials
- 8.1.2 Price Trend of Key Raw Materials
- 8.1.3 Key Suppliers of Raw Materials
- 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
- 8.2.1 Raw Materials
- 8.2.2 Labor Cost
- 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of IR Emitter and Receiver

#### 9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 9.1 IR Emitter and Receiver Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of IR Emitter and Receiver Major Manufacturers in 2015
- 9.4 Downstream Buyers

#### **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 10.1 Marketing Channel
  - 10.1.1 Direct Marketing
  - 10.1.2 Indirect Marketing
  - 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
  - 10.2.1 Pricing Strategy
  - 10.2.2 Brand Strategy
- 10.2.3 Target Client
- 10.3 Distributors/Traders List



#### 11 MARKET EFFECT FACTORS ANALYSIS

11.1 Technology Progress/Risk

- 11.1.1 Substitutes Threat
- 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

#### 12 GLOBAL IR EMITTER AND RECEIVER MARKET FORECAST (2017-2022)

12.1 Global IR Emitter and Receiver Capacity, Production, Revenue Forecast (2017-2022)

12.1.1 Global IR Emitter and Receiver Capacity, Production and Growth Rate Forecast (2017-2022)

12.1.2 Global IR Emitter and Receiver Revenue and Growth Rate Forecast (2017-2022)

12.1.3 Global IR Emitter and Receiver Price and Trend Forecast (2017-2022)12.2 Global IR Emitter and Receiver Production, Consumption, Import and Export Forecast by Region (2017-2022)

12.2.1 United States IR Emitter and Receiver Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.2 EU IR Emitter and Receiver Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.3 China IR Emitter and Receiver Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.4 Japan IR Emitter and Receiver Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.5 South Korea IR Emitter and Receiver Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.2.6 Taiwan IR Emitter and Receiver Production, Revenue, Consumption, Export and Import Forecast (2017-2022)

12.3 Global IR Emitter and Receiver Production, Revenue and Price Forecast by Type (2017-2022)

12.4 Global IR Emitter and Receiver Consumption Forecast by Application (2017-2022)

#### **13 RESEARCH FINDINGS AND CONCLUSION**

#### **14 APPENDIX**



#### 14.1 Methodology/Research Approach

- 14.1.1 Research Programs/Design
- 14.1.2 Market Size Estimation
- 14.1.3 Market Breakdown and Data Triangulation
- 14.2 Data Source
  - 14.2.1 Secondary Sources
  - 14.2.2 Primary Sources
- 14.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



# **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Picture of IR Emitter and Receiver Figure Global IR Emitter and Receiver Production (K Units) and CAGR (%) Comparison by Types (Product Category) (2012-2022) Figure Global IR Emitter and Receiver Production Market Share by Types (Product Category) in 2016 Figure Product Picture of Type I Table Major Manufacturers of Type I Figure Product Picture of Type II Table Major Manufacturers of Type II Figure Global IR Emitter and Receiver Consumption (K Units) by Applications (2012 - 2022)Figure Global IR Emitter and Receiver Consumption Market Share by Applications in 2016 Figure Security Examples Table Key Downstream Customer in Security Figure Sensing Examples Table Key Downstream Customer in Sensing Figure Test and measurement Examples Table Key Downstream Customer in Test and measurement Figure Global IR Emitter and Receiver Market Size (Million USD), Comparison (K Units) and CAGR (%) by Regions (2012-2022) Figure United States IR Emitter and Receiver Revenue (Million USD) and Growth Rate (2012 - 2022)Figure EU IR Emitter and Receiver Revenue (Million USD) and Growth Rate (2012 - 2022)Figure China IR Emitter and Receiver Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Japan IR Emitter and Receiver Revenue (Million USD) and Growth Rate (2012 - 2022)Figure South Korea IR Emitter and Receiver Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Taiwan IR Emitter and Receiver Revenue (Million USD) and Growth Rate (2012 - 2022)Figure Global IR Emitter and Receiver Revenue (Million USD) Status and Outlook (2012 - 2022)



Figure Global IR Emitter and Receiver Capacity, Production (K Units) Status and Outlook (2012-2022)

Figure Global IR Emitter and Receiver Major Players Product Capacity (K Units) (2012-2017)

Table Global IR Emitter and Receiver Capacity (K Units) of Key Manufacturers (2012-2017)

Table Global IR Emitter and Receiver Capacity Market Share of Key Manufacturers (2012-2017)

Figure Global IR Emitter and Receiver Capacity (K Units) of Key Manufacturers in 2016 Figure Global IR Emitter and Receiver Capacity (K Units) of Key Manufacturers in 2017 Figure Global IR Emitter and Receiver Major Players Product Production (K Units) (2012-2017)

Table Global IR Emitter and Receiver Production (K Units) of Key Manufacturers (2012-2017)

Table Global IR Emitter and Receiver Production Share by Manufacturers (2012-2017)Figure 2016 IR Emitter and Receiver Production Share by Manufacturers

Figure 2017 IR Emitter and Receiver Production Share by Manufacturers

Figure Global IR Emitter and Receiver Major Players Product Revenue (Million USD) (2012-2017)

Table Global IR Emitter and Receiver Revenue (Million USD) by Manufacturers (2012-2017)

Table Global IR Emitter and Receiver Revenue Share by Manufacturers (2012-2017) Table 2016 Global IR Emitter and Receiver Revenue Share by Manufacturers Table 2017 Global IR Emitter and Receiver Revenue Share by Manufacturers Table Global Market IR Emitter and Receiver Average Price (USD/Unit) of Key Manufacturers (2012-2017)

Figure Global Market IR Emitter and Receiver Average Price (USD/Unit) of Key Manufacturers in 2016

Table Manufacturers IR Emitter and Receiver Manufacturing Base Distribution and Sales Area

Table Manufacturers IR Emitter and Receiver Product Category

Figure IR Emitter and Receiver Market Share of Top 3 Manufacturers

Figure IR Emitter and Receiver Market Share of Top 5 Manufacturers

Table Global IR Emitter and Receiver Capacity (K Units) by Region (2012-2017)

Figure Global IR Emitter and Receiver Capacity Market Share by Region (2012-2017)

Figure Global IR Emitter and Receiver Capacity Market Share by Region (2012-2017)

Figure 2016 Global IR Emitter and Receiver Capacity Market Share by Region

Table Global IR Emitter and Receiver Production by Region (2012-2017)

Figure Global IR Emitter and Receiver Production (K Units) by Region (2012-2017)



Figure Global IR Emitter and Receiver Production Market Share by Region (2012-2017) Figure 2016 Global IR Emitter and Receiver Production Market Share by Region Table Global IR Emitter and Receiver Revenue (Million USD) by Region (2012-2017) Table Global IR Emitter and Receiver Revenue Market Share by Region (2012-2017) Figure Global IR Emitter and Receiver Revenue Market Share by Region (2012-2017) Table 2016 Global IR Emitter and Receiver Revenue Market Share by Region Figure Global IR Emitter and Receiver Capacity, Production (K Units) and Growth Rate (2012 - 2017)Table Global IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table United States IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table EU IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table China IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table Japan IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table South Korea IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table Taiwan IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017) Table Global IR Emitter and Receiver Consumption (K Units) Market by Region (2012 - 2017)Table Global IR Emitter and Receiver Consumption Market Share by Region (2012 - 2017)Figure Global IR Emitter and Receiver Consumption Market Share by Region (2012 - 2017)Figure 2016 Global IR Emitter and Receiver Consumption (K Units) Market Share by Region Table United States IR Emitter and Receiver Production, Consumption, Import & Export (K Units) (2012-2017) Table EU IR Emitter and Receiver Production, Consumption, Import & Export (K Units) (2012 - 2017)Table China IR Emitter and Receiver Production, Consumption, Import & Export (K Units) (2012-2017)

Table Japan IR Emitter and Receiver Production, Consumption, Import & Export (K Units) (2012-2017)

Table South Korea IR Emitter and Receiver Production, Consumption, Import & Export



(K Units) (2012-2017)

Table Taiwan IR Emitter and Receiver Production, Consumption, Import & Export (K Units) (2012-2017)

Table Global IR Emitter and Receiver Production (K Units) by Type (2012-2017) Table Global IR Emitter and Receiver Production Share by Type (2012-2017) Figure Production Market Share of IR Emitter and Receiver by Type (2012-2017) Figure 2016 Production Market Share of IR Emitter and Receiver by Type Table Global IR Emitter and Receiver Revenue (Million USD) by Type (2012-2017) Table Global IR Emitter and Receiver Revenue Share by Type (2012-2017) Figure Production Revenue Share of IR Emitter and Receiver by Type (2012-2017) Figure 2016 Revenue Market Share of IR Emitter and Receiver by Type (2012-2017) Figure Global IR Emitter and Receiver Price (USD/Unit) by Type (2012-2017) Figure Global IR Emitter and Receiver Production Growth by Type (2012-2017) Table Global IR Emitter and Receiver Consumption (K Units) by Application (2012-2017)

Table Global IR Emitter and Receiver Consumption Market Share by Application (2012-2017)

Figure Global IR Emitter and Receiver Consumption Market Share by Applications (2012-2017)

Figure Global IR Emitter and Receiver Consumption Market Share by Application in 2016

Table Global IR Emitter and Receiver Consumption Growth Rate by Application (2012-2017)

Figure Global IR Emitter and Receiver Consumption Growth Rate by Application (2012-2017)

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

Table Excelitas Technologies IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Excelitas Technologies IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure Excelitas Technologies IR Emitter and Receiver Production Market Share (2012-2017)

Figure Excelitas Technologies IR Emitter and Receiver Revenue Market Share (2012-2017)

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

Table FLIR Systems IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)



Figure FLIR Systems IR Emitter and Receiver Production Growth Rate (2012-2017) Figure FLIR Systems IR Emitter and Receiver Production Market Share (2012-2017) Figure FLIR Systems IR Emitter and Receiver Revenue Market Share (2012-2017) Table Honeywell Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Honeywell IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Honeywell IR Emitter and Receiver Production Growth Rate (2012-2017) Figure Honeywell IR Emitter and Receiver Production Market Share (2012-2017) Figure Honeywell IR Emitter and Receiver Revenue Market Share (2012-2017) Table Murata Manufacturing Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Murata Manufacturing IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Murata Manufacturing IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure Murata Manufacturing IR Emitter and Receiver Production Market Share (2012-2017)

Figure Murata Manufacturing IR Emitter and Receiver Revenue Market Share (2012-2017)

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

Table DRS Technologies IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure DRS Technologies IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure DRS Technologies IR Emitter and Receiver Production Market Share (2012-2017)

Figure DRS Technologies IR Emitter and Receiver Revenue Market Share (2012-2017) Table Hamamatsu Photonics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Hamamatsu Photonics IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Hamamatsu Photonics IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure Hamamatsu Photonics IR Emitter and Receiver Production Market Share (2012-2017)

Figure Hamamatsu Photonics IR Emitter and Receiver Revenue Market Share (2012-2017)



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

Table OSRAM Opto Semiconductors IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure OSRAM Opto Semiconductors IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure OSRAM Opto Semiconductors IR Emitter and Receiver Production Market Share (2012-2017)

Figure OSRAM Opto Semiconductors IR Emitter and Receiver Revenue Market Share (2012-2017)

Table Sofradir Basic Information, Manufacturing Base, Sales Area and Its Competitors Table Sofradir IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Sofradir IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure Sofradir IR Emitter and Receiver Production Market Share (2012-2017)

Figure Sofradir IR Emitter and Receiver Revenue Market Share (2012-2017)

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

Table Texas Instruments IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Texas Instruments IR Emitter and Receiver Production Growth Rate (2012-2017) Figure Texas Instruments IR Emitter and Receiver Production Market Share (2012-2017)

Figure Texas Instruments IR Emitter and Receiver Revenue Market Share (2012-2017) Table VIGO Systems Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table VIGO Systems IR Emitter and Receiver Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure VIGO Systems IR Emitter and Receiver Production Growth Rate (2012-2017)

Figure VIGO Systems IR Emitter and Receiver Production Market Share (2012-2017)

Figure VIGO Systems IR Emitter and Receiver Revenue Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of IR Emitter and Receiver

Figure Manufacturing Process Analysis of IR Emitter and Receiver

Figure IR Emitter and Receiver Industrial Chain Analysis

Table Raw Materials Sources of IR Emitter and Receiver Major Manufacturers in 2016 Table Major Buyers of IR Emitter and Receiver



Table Distributors/Traders List

Figure Global IR Emitter and Receiver Capacity, Production (K Units) and Growth Rate Forecast (2017-2022)

Figure Global IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global IR Emitter and Receiver Price (Million USD) and Trend Forecast (2017-2022)

Table Global IR Emitter and Receiver Production (K Units) Forecast by Region (2017-2022)

Figure Global IR Emitter and Receiver Production Market Share Forecast by Region (2017-2022)

Table Global IR Emitter and Receiver Consumption (K Units) Forecast by Region (2017-2022)

Figure Global IR Emitter and Receiver Consumption Market Share Forecast by Region (2017-2022)

Figure United States IR Emitter and Receiver Production (K Units) and Growth Rate Forecast (2017-2022)

Figure United States IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table United States IR Emitter and Receiver Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure EU IR Emitter and Receiver Production (K Units) and Growth Rate Forecast (2017-2022)

Figure EU IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table EU IR Emitter and Receiver Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure China IR Emitter and Receiver Production (K Units) and Growth Rate Forecast (2017-2022)

Figure China IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table China IR Emitter and Receiver Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure Japan IR Emitter and Receiver Production (K Units) and Growth Rate Forecast (2017-2022)

Figure Japan IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Japan IR Emitter and Receiver Production, Consumption, Export and Import (K Units) Forecast (2017-2022)



Figure South Korea IR Emitter and Receiver Production (K Units) and Growth Rate Forecast (2017-2022)

Figure South Korea IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table South Korea IR Emitter and Receiver Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure Taiwan IR Emitter and Receiver Production (K Units) and Growth Rate Forecast (2017-2022)

Figure Taiwan IR Emitter and Receiver Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Taiwan IR Emitter and Receiver Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Table Global IR Emitter and Receiver Production (K Units) Forecast by Type (2017-2022)

Figure Global IR Emitter and Receiver Production (K Units) Forecast by Type (2017-2022)

Table Global IR Emitter and Receiver Revenue (Million USD) Forecast by Type (2017-2022)

Figure Global IR Emitter and Receiver Revenue Market Share Forecast by Type (2017-2022)

Table Global IR Emitter and Receiver Price Forecast by Type (2017-2022)

Table Global IR Emitter and Receiver Consumption (K Units) Forecast by Application (2017-2022)

Figure Global IR Emitter and Receiver Consumption (K Units) Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Source



#### I would like to order

Product name: Global IR Emitter and Receiver Market Research Report 2017 Product link: <u>https://marketpublishers.com/r/G0863F3C916PEN.html</u>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

#### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G0863F3C916PEN.html</u>

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

Custumer signature \_\_\_\_\_

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

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