

# **2018-2023 Global and Regional Free Space Optics (FSO) Communication Industry Production, Sales and Consumption Status and Prospects Professional Market Research Report**

<https://marketpublishers.com/r/25A82E7C1A4EN.html>

Date: July 2018

Pages: 195

Price: US\$ 3,500.00 (Single User License)

ID: 25A82E7C1A4EN

## **Abstracts**

HNY Research projects that the Free Space Optics (FSO) Communication market size will grow from in 2017 to by 2023, at an estimated CAGR of. The base year considered for the study is 2017, and the market size is projected from 2018 to 2023.

Presence of a copious number of big and small players makes the global free space optics (FSO) market highly dynamic. The market is being primarily driven by the growing demand for high bandwidth and increasing application of free optics in military application. In addition, growing usage of free space optics in 3G and 4G networks and quick and easy installation of this technology is also positively impacting the market.

By Market Players:

Trimble Hungary Ltd. , Optelix Pty Ltd., LightPointe Communications, Inc., Laser Light Communications LLC, Plaintree Systems Inc., Wireless Excellence Limited, Fog Optics Inc., MOSTCOM CJSC, LaserOptronics, Inc., Anova Technologies Inc. (AOptix),

By Components

Transmitters, Receivers, Modulators, Demodulators, Encoders & Decoders, Others,

By Application

Storage Area Network, Data Transmission, Defense, Security, Airborne Applications, Healthcare, Disaster Recover, Last Mile Access, Others

The prime objective of this report is to help the user understand the market in terms of

its definition, segmentation, market potential, influential trends, and the challenges that the market is facing. Deep researches and analysis were done during the preparation of the report. The readers will find this report very helpful in understanding the market in depth. The data and the information regarding the market are taken from reliable sources such as websites, annual reports of the companies, journals, and others and were checked and validated by the industry experts. The facts and data are represented in the report using diagrams, graphs, pie charts, and other pictorial representations. This enhances the visual representation and also helps in understanding the facts much better.

### **Points Covered in The Report:**

The points that are discussed within the report are the major market players that are involved in the market such as manufacturers, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. The historical data from 2012 to 2017 and forecast data from 2018 to 2023.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by manufacturer, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

### **Key Reasons to Purchase**

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

## Contents

### CHAPTER 1 INDUSTRY OVERVIEW

- 1.1 Definition
- 1.2 Brief Introduction by Major Components
  - 1.2.1 Transmitters
  - 1.2.2 Receivers
  - 1.2.3 Modulators
  - 1.2.4 Demodulators
  - 1.2.5 Encoders & Decoders
  - 1.2.6 Others
  - 1.2.7
  - 1.2.8
  - 1.2.9
- 1.3 Brief Introduction by Major Application
  - 1.3.1 Storage Area Network
  - 1.3.2 Data Transmission
  - 1.3.3 Defense
  - 1.3.4 Security
  - 1.3.5 Airborne Applications
  - 1.3.6 Healthcare
  - 1.3.7 Disaster Recover
  - 1.3.8 Last Mile Access
  - 1.3.9 Others
- 1.4 Brief Introduction by Major Regions
  - 1.4.1 United States
  - 1.4.2 Europe
  - 1.4.3 China
  - 1.4.4 Japan
  - 1.4.5 India
- 1.5 Brief Introduction by Major
  - 1.5.1
  - 1.5.2
  - 1.5.3
  - 1.5.4
  - 1.5.5
  - 1.5.6
  - 1.5.7

1.5.8

1.5.9

#### 1.6 Brief Introduction by Major

1.6.1

1.6.2

1.6.3

1.6.4

1.6.5

1.6.6

1.6.7

1.6.8

1.6.9

#### 1.7 Brief Introduction by Major

1.7.1

1.7.2

1.7.3

1.7.4

1.7.5

1.7.6

1.7.7

1.7.8

1.7.9

#### 1.8 Brief Introduction by Major

1.8.1

1.8.2

1.8.3

1.8.4

1.8.5

1.8.6

1.8.7

1.8.8

1.8.9

## **CHAPTER 2 PRODUCTION MARKET ANALYSIS**

### 2.1 Global Production Market Analysis

2.1.1 2012-2017 Global Capacity, Production, Capacity Utilization Rate, Ex-Factory Price, Revenue, Cost, Gross and Gross Margin Analysis

2.1.2 2012-2017 Major Manufacturers Performance and Market Share

## 2.2 Regional Production Market Analysis

2.2.1 2012-2017 Regional Market Performance and Market Share

2.2.2 United States Market

2.2.3 Europe Market

2.2.4 China Market

2.2.5 Japan Market

2.2.6 India Market

2.2.7 Market

## **CHAPTER 3 SALES MARKET ANALYSIS**

### 3.1 Global Sales Market Analysis

3.1.1 2012-2017 Global Sales Volume, Sales Price and Sales Revenue Analysis

3.1.2 2012-2017 Major Manufacturers Performance and Market Share

### 3.2 Regional Sales Market Analysis

3.2.1 2012-2017 Regional Market Performance and Market Share

3.2.2 United States Market

3.2.3 Europe Market

3.2.4 China Market

3.2.5 Japan Market

3.2.6 India Market

3.2.7 Market

## **CHAPTER 4 CONSUMPTION MARKET ANALYSIS**

### 4.1 Global Consumption Market Analysis

4.1.1 2012-2017 Global Consumption Volume Analysis

### 4.2 Regional Consumption Market Analysis

4.2.1 2012-2017 Regional Market Performance and Market Share

4.2.2 United States Market

4.2.3 Europe Market

4.2.4 China Market

4.2.5 Japan Market

4.2.6 India Market

4.2.7 Market

## **CHAPTER 5 PRODUCTION, SALES AND CONSUMPTION MARKET COMPARISON ANALYSIS**

- 5.1 Global Production, Sales and Consumption Market Comparison Analysis
- 5.2 Regional Production, Sales Volume and Consumption Volume Market Comparison Analysis
  - 5.2.1 United States
  - 5.2.2 Europe
  - 5.2.3 China
  - 5.2.4 Japan
  - 5.2.5 India
  - 5.2.6

## **CHAPTER 6 MAJOR MANUFACTURERS PRODUCTION AND SALES MARKET COMPARISON ANALYSIS**

- 6.1 Global Major Manufacturers Production and Sales Market Comparison Analysis
  - 6.1.1 2012-2017 Global Major Manufacturers Production and Sales Market Comparison
- 6.2 Regional Major Manufacturers Production and Sales Market Comparison Analysis
  - 6.2.1 United States
  - 6.2.2 Europe
  - 6.2.3 China
  - 6.2.4 Japan
  - 6.2.5 India
  - 6.2.6

## **CHAPTER 7 MAJOR COMPONENTS ANALYSIS**

- 7.1 2012-2017 Major Components Market Share
- 7.2 Transmitters
- 7.3 Receivers
- 7.4 Modulators
- 7.5 Demodulators
- 7.6 Encoders & Decoders
- 7.7 Others
- 7.8
- 7.9
- 7.10

## **CHAPTER 8 MAJOR APPLICATION ANALYSIS**

- 8.1 2012-2017 Major Application Market Share
- 8.2 Storage Area Network
  - 8.2.1 2012-2017 Sales Analysis
- 8.3 Data Transmission
  - 8.3.1 2012-2017 Sales Analysis
- 8.4 Defense
  - 8.4.1 2012-2017 Sales Analysis
- 8.5 Security
  - 8.5.1 2012-2017 Sales Analysis
- 8.6 Airborne Applications
  - 8.6.1 2012-2017 Sales Analysis
- 8.7 Healthcare
  - 8.7.1 2012-2017 Sales Analysis
- 8.8 Disaster Recover
  - 8.8.1 2012-2017 Sales Analysis
- 8.9 Last Mile Access
  - 8.9.1 2012-2017 Sales Analysis
- 8.10 Others
  - 8.11.1 2012-2017 Sales Analysis

## **CHAPTER 9 INDUSTRY CHAIN ANALYSIS**

- 9.1 Up Stream Industries Analysis
  - 9.1.1 Raw Material and Suppliers
  - 9.1.2 Equipment and Suppliers
- 9.2 Manufacturing Analysis
  - 9.2.1 Manufacturing Process
  - 9.2.2 Manufacturing Cost Structure
  - 9.2.3 Manufacturing Plants Distribution Analysis
- 9.3 Industry Chain Structure Analysis

## **CHAPTER 10 GLOBAL AND REGIONAL MARKET FORECAST**

- 10.1 Production Market Forecast
  - 10.1.1 Global Market Forecast
  - 10.1.2 Major Region Forecast
- 10.2 Sales Market Forecast
  - 10.2.1 Global Market Forecast
  - 10.2.2 Major Classification Forecast



- 10.3 Consumption Market Forecast
  - 10.3.1 Global Market Forecast
  - 10.3.2 Major Region Forecast
  - 10.3.3 Major Application Forecast

## **CHAPTER 11 MAJOR MANUFACTURERS ANALYSIS**

- 11.1 Trimble Hungary Ltd.
  - 11.1.1 Company Introduction
  - 11.1.2 Product Specification and Major Types Analysis
  - 11.1.3 2012-2017 Production Market Performance
  - 11.1.4 2012-2017 Sales Market Performance
  - 11.1.5 Contact Information
- 11.2 Optelix Pty Ltd.
  - 11.2.1 Company Introduction
  - 11.2.2 Product Specification and Major Types Analysis
  - 11.2.3 2012-2017 Production Market Performance
  - 11.2.4 2012-2017 Sales Market Performance
  - 11.2.5 Contact Information
- 11.3 LightPointe Communications, Inc.
  - 11.3.1 Company Introduction
  - 11.3.2 Product Specification and Major Types Analysis
  - 11.3.3 2012-2017 Production Market Performance
  - 11.3.4 2012-2017 Sales Market Performance
  - 11.3.5 Contact Information
- 11.4 Laser Light Communications LLC
  - 11.4.1 Company Introduction
  - 11.4.2 Product Specification and Major Types Analysis
  - 11.4.3 2012-2017 Production Market Performance
  - 11.4.4 2012-2017 Sales Market Performance
  - 11.4.5 Contact Information
- 11.5 Plaintree Systems Inc.
  - 11.5.1 Company Introduction
  - 11.5.2 Product Specification and Major Types Analysis
  - 11.5.3 2012-2017 Production Market Performance
  - 11.5.4 2012-2017 Sales Market Performance
  - 11.5.5 Contact Information
- 11.6 Wireless Excellence Limited
  - 11.6.1 Company Introduction

- 11.6.2 Product Specification and Major Types Analysis
- 11.6.3 2012-2017 Production Market Performance
- 11.6.4 2012-2017 Sales Market Performance
- 11.6.5 Contact Information
- 11.7 Fog Optics Inc.
  - 11.7.1 Company Introduction
  - 11.7.2 Product Specification and Major Types Analysis
  - 11.7.3 2012-2017 Production Market Performance
  - 11.7.4 2012-2017 Sales Market Performance
  - 11.7.5 Contact Information
- 11.8 MOSTCOM CJSC
  - 11.8.1 Company Introduction
  - 11.8.2 Product Specification and Major Types Analysis
  - 11.8.3 2012-2017 Production Market Performance
  - 11.8.4 2012-2017 Sales Market Performance
  - 11.8.5 Contact Information
- 11.9 LaserOptronics, Inc.
  - 11.9.1 Company Introduction
  - 11.9.2 Product Specification and Major Types Analysis
  - 11.9.3 2012-2017 Production Market Performance
  - 11.9.4 2012-2017 Sales Market Performance
  - 11.9.5 Contact Information
- 11.10 Anova Technologies Inc. (AOptix)
  - 11.10.1 Company Introduction
  - 11.10.2 Product Specification and Major Types Analysis
  - 11.10.3 2012-2017 Production Market Performance
  - 11.10.4 2012-2017 Sales Market Performance
  - 11.10.5 Contact Information
- 11.11
  - 11.11.1 Company Introduction
  - 11.11.2 Product Specification and Major Types Analysis
  - 11.11.3 2012-2017 Production Market Performance
  - 11.11.4 2012-2017 Sales Market Performance
  - 11.11.5 Contact Information
- 11.12
  - 11.12.1 Company Introduction
  - 11.12.2 Product Specification and Major Types Analysis
  - 11.12.3 2012-2017 Production Market Performance
  - 11.12.4 2012-2017 Sales Market Performance

11.12.5 Contact Information

11.13

11.13.1 Company Introduction

11.13.2 Product Specification and Major Types Analysis

11.13.3 2012-2017 Production Market Performance

11.13.4 2012-2017 Sales Market Performance

11.13.5 Contact Information

11.14

11.14.1 Company Introduction

11.14.2 Product Specification and Major Types Analysis

11.14.3 2012-2017 Production Market Performance

11.14.4 2012-2017 Sales Market Performance

11.14.5 Contact Information

11.15

11.15.1 Company Introduction

11.15.2 Product Specification and Major Types Analysis

11.15.3 2012-2017 Production Market Performance

11.15.4 2012-2017 Sales Market Performance

11.15.5 Contact Information

11.16

11.16.1 Company Introduction

11.16.2 Product Specification and Major Types Analysis

11.16.3 2012-2017 Production Market Performance

11.16.4 2012-2017 Sales Market Performance

11.16.5 Contact Information

11.17

11.17.1 Company Introduction

11.17.2 Product Specification and Major Types Analysis

11.17.3 2012-2017 Production Market Performance

11.17.4 2012-2017 Sales Market Performance

11.17.5 Contact Information

11.18

11.18.1 Company Introduction

11.18.2 Product Specification and Major Types Analysis

11.18.3 2012-2017 Production Market Performance

11.18.4 2012-2017 Sales Market Performance

11.18.5 Contact Information

11.19

11.19.1 Company Introduction

- 11.19.2 Product Specification and Major Types Analysis
- 11.19.3 2012-2017 Production Market Performance
- 11.19.4 2012-2017 Sales Market Performance
- 11.19.5 Contact Information
- 11.20
  - 11.20.1 Company Introduction
  - 11.20.2 Product Specification and Major Types Analysis
  - 11.20.3 2012-2017 Production Market Performance
  - 11.20.4 2012-2017 Sales Market Performance
  - 11.20.5 Contact Information
- 11.21
  - 11.21.1 Company Introduction
  - 11.21.2 Product Specification and Major Types Analysis
  - 11.21.3 2012-2017 Production Market Performance
  - 11.21.4 2012-2017 Sales Market Performance
  - 11.21.5 Contact Information
- 11.22
  - 11.22.1 Company Introduction
  - 11.22.2 Product Specification and Major Types Analysis
  - 11.22.3 2012-2017 Production Market Performance
  - 11.22.4 2012-2017 Sales Market Performance
  - 11.22.5 Contact Information
- 11.23
  - 11.23.1 Company Introduction
  - 11.23.2 Product Specification and Major Types Analysis
  - 11.23.3 2012-2017 Production Market Performance
  - 11.23.4 2012-2017 Sales Market Performance
  - 11.23.5 Contact Information
- 11.24
  - 11.24.1 Company Introduction
  - 11.24.2 Product Specification and Major Types Analysis
  - 11.24.3 2012-2017 Production Market Performance
  - 11.24.4 2012-2017 Sales Market Performance
  - 11.24.5 Contact Information
- 11.25
  - 11.25.1 Company Introduction
  - 11.25.2 Product Specification and Major Types Analysis
  - 11.25.3 2012-2017 Production Market Performance
  - 11.25.4 2012-2017 Sales Market Performance

11.25.5 Contact Information

11.26

11.26.1 Company Introduction

11.26.2 Product Specification and Major Types Analysis

11.26.3 2012-2017 Production Market Performance

11.26.4 2012-2017 Sales Market Performance

11.26.5 Contact Information

11.27

11.27.1 Company Introduction

11.27.2 Product Specification and Major Types Analysis

11.27.3 2012-2017 Production Market Performance

11.27.4 2012-2017 Sales Market Performance

11.27.5 Contact Information

11.28

11.28.1 Company Introduction

11.28.2 Product Specification and Major Types Analysis

11.28.3 2012-2017 Production Market Performance

11.28.4 2012-2017 Sales Market Performance

11.28.5 Contact Information

11.29

11.29.1 Company Introduction

11.29.2 Product Specification and Major Types Analysis

11.29.3 2012-2017 Production Market Performance

11.29.4 2012-2017 Sales Market Performance

11.29.5 Contact Information

11.30

11.30.1 Company Introduction

11.30.2 Product Specification and Major Types Analysis

11.30.3 2012-2017 Production Market Performance

11.30.4 2012-2017 Sales Market Performance

11.30.5 Contact Information

11.31

11.31.1 Company Introduction

11.31.2 Product Specification and Major Types Analysis

11.31.3 2012-2017 Production Market Performance

11.31.4 2012-2017 Sales Market Performance

11.31.5 Contact Information

11.32

11.32.1 Company Introduction

11.32.2 Product Specification and Major Types Analysis

11.32.3 2012-2017 Production Market Performance

11.32.4 2012-2017 Sales Market Performance

11.32.5 Contact Information

11.33

11.33.1 Company Introduction

11.33.2 Product Specification and Major Types Analysis

11.33.3 2012-2017 Production Market Performance

11.33.4 2012-2017 Sales Market Performance

11.33.5 Contact Information

11.34

11.34.1 Company Introduction

11.34.2 Product Specification and Major Types Analysis

11.34.3 2012-2017 Production Market Performance

11.34.4 2012-2017 Sales Market Performance

11.34.5 Contact Information

11.35

11.35.1 Company Introduction

11.35.2 Product Specification and Major Types Analysis

11.35.3 2012-2017 Production Market Performance

11.35.4 2012-2017 Sales Market Performance

11.35.5 Contact Information

11.36

11.36.1 Company Introduction

11.36.2 Product Specification and Major Types Analysis

11.36.3 2012-2017 Production Market Performance

11.36.4 2012-2017 Sales Market Performance

11.36.5 Contact Information

11.37

11.37.1 Company Introduction

11.37.2 Product Specification and Major Types Analysis

11.37.3 2012-2017 Production Market Performance

11.37.4 2012-2017 Sales Market Performance

11.37.5 Contact Information

11.38

11.38.1 Company Introduction

11.38.2 Product Specification and Major Types Analysis

11.38.3 2012-2017 Production Market Performance

11.38.4 2012-2017 Sales Market Performance

11.38.5 Contact Information

11.39

11.39.1 Company Introduction

11.39.2 Product Specification and Major Types Analysis

11.39.3 2012-2017 Production Market Performance

11.39.4 2012-2017 Sales Market Performance

11.39.5 Contact Information

11.40

11.40.1 Company Introduction

11.40.2 Product Specification and Major Types Analysis

11.40.3 2012-2017 Production Market Performance

11.40.4 2012-2017 Sales Market Performance

11.40.5 Contact Information

## **CHAPTER 12 NEW PROJECT INVESTMENT FEASIBILITY ANALYSIS**

12.1 New Project SWOT Analysis

12.2 New Project Investment Feasibility Analysis

## **CHAPTER 13 CONCLUSIONS**

## **CHAPTER 14 APPENDIX**

Author List

Disclosure Section

Research Methodology

Data Source

Interview List

Global Disclaimer

## I would like to order

Product name: 2018-2023 Global and Regional Free Space Optics (FSO) Communication Industry Production, Sales and Consumption Status and Prospects Professional Market Research Report

Product link: <https://marketpublishers.com/r/25A82E7C1A4EN.html>

Price: US\$ 3,500.00 (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/25A82E7C1A4EN.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