

# 2020-2025 Global Single Photon Detectors Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/2F258C142DD5EN.html>

Date: September 2021

Pages: 122

Price: US\$ 3,360.00 (Single User License)

ID: 2F258C142DD5EN

## Abstracts

Light detectors are crucial components of optical imaging and telecommunication systems. The ultimate photon detector is capable of detecting even an elementary particle of light, a single photon.

This report elaborates the market size, market characteristics, and market growth of the Single Photon Detectors industry, and breaks down according to the type, application, and consumption area of Single Photon Detectors. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Single Photon Detectors in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Single Photon Detectors market covered in Chapter 13:

ID Quantique

AUREA Technology

ProxiVision

Bruker

Princeton Instruments?

Single Quantum

Photek

Thorlabs, Inc.

In Chapter 6, on the basis of types, the Single Photon Detectors market from 2015 to 2025 is primarily split into:

Infrared Single Photon Detector  
Superconducting Nanowire Single Photon Detector

In Chapter 7, on the basis of applications, the Single Photon Detectors market from 2015 to 2025 covers:

Fluorescence Measurement  
Single-Molecule Detection  
Environment Analyses  
Laser Rangefinders  
Quantum Cryptography  
Others

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States  
Europe  
China  
Japan  
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)  
United States  
Canada  
Mexico  
Europe (Covered in Chapter 9)  
Germany  
UK  
France  
Italy  
Spain  
Others  
Asia-Pacific (Covered in Chapter 10)  
China  
Japan  
India

South Korea  
Southeast Asia  
Others  
Middle East and Africa (Covered in Chapter 11)  
Saudi Arabia  
UAE  
South Africa  
Others  
South America (Covered in Chapter 12)  
Brazil  
Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

## Contents

### **1 SINGLE PHOTON DETECTORS MARKET - RESEARCH SCOPE**

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

### **2 SINGLE PHOTON DETECTORS MARKET - RESEARCH METHODOLOGY**

- 2.1 Methodology
- 2.2 Research Data Source
  - 2.2.1 Secondary Data
  - 2.2.2 Primary Data
  - 2.2.3 Market Size Estimation
  - 2.2.4 Legal Disclaimer

### **3 SINGLE PHOTON DETECTORS MARKET FORCES**

- 3.1 Global Single Photon Detectors Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
  - 3.2.1 Political Factors
  - 3.2.2 Economic Factors
  - 3.2.3 Social Factors
  - 3.2.4 Technological Factors
  - 3.2.5 Environmental Factors
  - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
  - 3.4.1 Risk Assessment on COVID-19
  - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
  - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

### **4 SINGLE PHOTON DETECTORS MARKET - BY GEOGRAPHY**

- 4.1 Global Single Photon Detectors Market Value and Market Share by Regions
  - 4.1.1 Global Single Photon Detectors Value (\$) by Region (2015-2020)

- 4.1.2 Global Single Photon Detectors Value Market Share by Regions (2015-2020)
- 4.2 Global Single Photon Detectors Market Production and Market Share by Major Countries
  - 4.2.1 Global Single Photon Detectors Production by Major Countries (2015-2020)
  - 4.2.2 Global Single Photon Detectors Production Market Share by Major Countries (2015-2020)
- 4.3 Global Single Photon Detectors Market Consumption and Market Share by Regions
  - 4.3.1 Global Single Photon Detectors Consumption by Regions (2015-2020)
  - 4.3.2 Global Single Photon Detectors Consumption Market Share by Regions (2015-2020)

## **5 SINGLE PHOTON DETECTORS MARKET - BY TRADE STATISTICS**

- 5.1 Global Single Photon Detectors Export and Import
- 5.2 United States Single Photon Detectors Export and Import (2015-2020)
- 5.3 Europe Single Photon Detectors Export and Import (2015-2020)
- 5.4 China Single Photon Detectors Export and Import (2015-2020)
- 5.5 Japan Single Photon Detectors Export and Import (2015-2020)
- 5.6 India Single Photon Detectors Export and Import (2015-2020)
- 5.7 ...

## **6 SINGLE PHOTON DETECTORS MARKET - BY TYPE**

- 6.1 Global Single Photon Detectors Production and Market Share by Types (2015-2020)
  - 6.1.1 Global Single Photon Detectors Production by Types (2015-2020)
  - 6.1.2 Global Single Photon Detectors Production Market Share by Types (2015-2020)
- 6.2 Global Single Photon Detectors Value and Market Share by Types (2015-2020)
  - 6.2.1 Global Single Photon Detectors Value by Types (2015-2020)
  - 6.2.2 Global Single Photon Detectors Value Market Share by Types (2015-2020)
- 6.3 Global Single Photon Detectors Production, Price and Growth Rate of Infrared Single Photon Detector (2015-2020)
- 6.4 Global Single Photon Detectors Production, Price and Growth Rate of Superconducting Nanowire Single Photon Detector (2015-2020)

## **7 SINGLE PHOTON DETECTORS MARKET - BY APPLICATION**

- 7.1 Global Single Photon Detectors Consumption and Market Share by Applications (2015-2020)
  - 7.1.1 Global Single Photon Detectors Consumption by Applications (2015-2020)

7.1.2 Global Single Photon Detectors Consumption Market Share by Applications (2015-2020)

7.2 Global Single Photon Detectors Consumption and Growth Rate of Fluorescence Measurement (2015-2020)

7.3 Global Single Photon Detectors Consumption and Growth Rate of Single-Molecule Detection (2015-2020)

7.4 Global Single Photon Detectors Consumption and Growth Rate of Environment Analyses (2015-2020)

7.5 Global Single Photon Detectors Consumption and Growth Rate of Laser Rangefinders (2015-2020)

7.6 Global Single Photon Detectors Consumption and Growth Rate of Quantum Cryptography (2015-2020)

7.7 Global Single Photon Detectors Consumption and Growth Rate of Others (2015-2020)

## **8 NORTH AMERICA SINGLE PHOTON DETECTORS MARKET**

8.1 North America Single Photon Detectors Market Size

8.2 United States Single Photon Detectors Market Size

8.3 Canada Single Photon Detectors Market Size

8.4 Mexico Single Photon Detectors Market Size

8.5 The Influence of COVID-19 on North America Market

## **9 EUROPE SINGLE PHOTON DETECTORS MARKET ANALYSIS**

9.1 Europe Single Photon Detectors Market Size

9.2 Germany Single Photon Detectors Market Size

9.3 United Kingdom Single Photon Detectors Market Size

9.4 France Single Photon Detectors Market Size

9.5 Italy Single Photon Detectors Market Size

9.6 Spain Single Photon Detectors Market Size

9.7 The Influence of COVID-19 on Europe Market

## **10 ASIA-PACIFIC SINGLE PHOTON DETECTORS MARKET ANALYSIS**

10.1 Asia-Pacific Single Photon Detectors Market Size

10.2 China Single Photon Detectors Market Size

10.3 Japan Single Photon Detectors Market Size

10.4 South Korea Single Photon Detectors Market Size

10.5 Southeast Asia Single Photon Detectors Market Size

10.6 India Single Photon Detectors Market Size

10.7 The Influence of COVID-19 on Asia Pacific Market

## **11 MIDDLE EAST AND AFRICA SINGLE PHOTON DETECTORS MARKET ANALYSIS**

11.1 Middle East and Africa Single Photon Detectors Market Size

11.2 Saudi Arabia Single Photon Detectors Market Size

11.3 UAE Single Photon Detectors Market Size

11.4 South Africa Single Photon Detectors Market Size

11.5 The Influence of COVID-19 on Middle East and Africa Market

## **12 SOUTH AMERICA SINGLE PHOTON DETECTORS MARKET ANALYSIS**

12.1 South America Single Photon Detectors Market Size

12.2 Brazil Single Photon Detectors Market Size

12.3 The Influence of COVID-19 on South America Market

## **13 COMPANY PROFILES**

13.1 ID Quantique

13.1.1 ID Quantique Basic Information

13.1.2 ID Quantique Product Profiles, Application and Specification

13.1.3 ID Quantique Single Photon Detectors Market Performance (2015-2020)

13.2 AUREA Technology

13.2.1 AUREA Technology Basic Information

13.2.2 AUREA Technology Product Profiles, Application and Specification

13.2.3 AUREA Technology Single Photon Detectors Market Performance (2015-2020)

13.3 ProxiVision

13.3.1 ProxiVision Basic Information

13.3.2 ProxiVision Product Profiles, Application and Specification

13.3.3 ProxiVision Single Photon Detectors Market Performance (2015-2020)

13.4 Bruker

13.4.1 Bruker Basic Information

13.4.2 Bruker Product Profiles, Application and Specification

13.4.3 Bruker Single Photon Detectors Market Performance (2015-2020)

13.5 Princeton Instruments?

13.5.1 Princeton Instruments? Basic Information

- 13.5.2 Princeton Instruments? Product Profiles, Application and Specification
- 13.5.3 Princeton Instruments? Single Photon Detectors Market Performance (2015-2020)
- 13.6 Single Quantum
  - 13.6.1 Single Quantum Basic Information
  - 13.6.2 Single Quantum Product Profiles, Application and Specification
  - 13.6.3 Single Quantum Single Photon Detectors Market Performance (2015-2020)
- 13.7 Photek
  - 13.7.1 Photek Basic Information
  - 13.7.2 Photek Product Profiles, Application and Specification
  - 13.7.3 Photek Single Photon Detectors Market Performance (2015-2020)
- 13.8 Thorlabs, Inc.
  - 13.8.1 Thorlabs, Inc. Basic Information
  - 13.8.2 Thorlabs, Inc. Product Profiles, Application and Specification
  - 13.8.3 Thorlabs, Inc. Single Photon Detectors Market Performance (2015-2020)

## **14 MARKET FORECAST - BY REGIONS**

- 14.1 North America Single Photon Detectors Market Forecast (2020-2025)
- 14.2 Europe Single Photon Detectors Market Forecast (2020-2025)
- 14.3 Asia-Pacific Single Photon Detectors Market Forecast (2020-2025)
- 14.4 Middle East and Africa Single Photon Detectors Market Forecast (2020-2025)
- 14.5 South America Single Photon Detectors Market Forecast (2020-2025)

## **15 MARKET FORECAST - BY TYPE AND APPLICATIONS**

- 15.1 Global Single Photon Detectors Market Forecast by Types (2020-2025)
  - 15.1.1 Global Single Photon Detectors Market Forecast Production and Market Share by Types (2020-2025)
  - 15.1.2 Global Single Photon Detectors Market Forecast Value and Market Share by Types (2020-2025)
- 15.2 Global Single Photon Detectors Market Forecast by Applications (2020-2025)



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Single Photon Detectors Picture

Table Single Photon Detectors Key Market Segments

Figure Study and Forecasting Years

Figure Global Single Photon Detectors Market Size and Growth Rate 2015-2025

Figure Industry PESTEL Analysis

Figure Global COVID-19 Status

Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19

Figure Global Single Photon Detectors Value (\$) and Growth Rate (2015-2020)

Table Global Single Photon Detectors Value (\$) by Countries (2015-2020)

Table Global Single Photon Detectors Value Market Share by Regions (2015-2020)

Figure Global Single Photon Detectors Value Market Share by Regions in 2019

Figure Global Single Photon Detectors Production and Growth Rate (2015-2020)

Table Global Single Photon Detectors Production by Major Countries (2015-2020)

Table Global Single Photon Detectors Production Market Share by Major Countries (2015-2020)

Figure Global Single Photon Detectors Production Market Share by Regions in 2019

Figure Global Single Photon Detectors Consumption and Growth Rate (2015-2020)

Table Global Single Photon Detectors Consumption by Regions (2015-2020)

Table Global Single Photon Detectors Consumption Market Share by Regions (2015-2020)

Figure Global Single Photon Detectors Consumption Market Share by Regions in 2019

Table Global Single Photon Detectors Export Top 3 Country 2019

Table Global Single Photon Detectors Import Top 3 Country 2019

Table United States Single Photon Detectors Export and Import (2015-2020)

Table Europe Single Photon Detectors Export and Import (2015-2020)

Table China Single Photon Detectors Export and Import (2015-2020)

Table Japan Single Photon Detectors Export and Import (2015-2020)

Table India Single Photon Detectors Export and Import (2015-2020)

Table Global Single Photon Detectors Production by Types (2015-2020)

Table Global Single Photon Detectors Production Market Share by Types (2015-2020)

Figure Global Single Photon Detectors Production Share by Type (2015-2020)

Table Global Single Photon Detectors Value by Types (2015-2020)

Table Global Single Photon Detectors Value Market Share by Types (2015-2020)

Figure Global Single Photon Detectors Value Share by Type (2015-2020)

Figure Global Infrared Single Photon Detector Production and Growth Rate (2015-2020)

Figure Global Infrared Single Photon Detector Price (2015-2020)  
Figure Global Superconducting Nanowire Single Photon Detector Production and Growth Rate (2015-2020)  
Figure Global Superconducting Nanowire Single Photon Detector Price (2015-2020)  
Table Global Single Photon Detectors Consumption by Applications (2015-2020)  
Table Global Single Photon Detectors Consumption Market Share by Applications (2015-2020)  
Figure Global Single Photon Detectors Consumption Share by Application (2015-2020)  
Figure Global Fluorescence Measurement Consumption and Growth Rate (2015-2020)  
Figure Global Single-Molecule Detection Consumption and Growth Rate (2015-2020)  
Figure Global Environment Analyses Consumption and Growth Rate (2015-2020)  
Figure Global Laser Rangefinders Consumption and Growth Rate (2015-2020)  
Figure Global Quantum Cryptography Consumption and Growth Rate (2015-2020)  
Figure Global Others Consumption and Growth Rate (2015-2020)  
Figure North America Single Photon Detectors Market Consumption and Growth Rate (2015-2020)  
Table North America Single Photon Detectors Consumption by Countries (2015-2020)  
Table North America Single Photon Detectors Consumption Market Share by Countries (2015-2020)  
Figure North America Single Photon Detectors Consumption Market Share by Countries (2015-2020)  
Figure United States Single Photon Detectors Market Consumption and Growth Rate (2015-2020)  
Figure Canada Single Photon Detectors Market Consumption and Growth Rate (2015-2020)  
Figure Mexico Single Photon Detectors Market Consumption and Growth Rate (2015-2020)  
Figure North America COVID-19 Status  
Figure Europe Single Photon Detectors Market Consumption and Growth Rate (2015-2020)  
Table Europe Single Photon Detectors Consumption by Countries (2015-2020)  
Table Europe Single Photon Detectors Consumption Market Share by Countries (2015-2020)  
Figure Europe Single Photon Detectors Consumption Market Share by Countries (2015-2020)  
Figure Germany Single Photon Detectors Market Consumption and Growth Rate (2015-2020)  
Figure United Kingdom Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure France Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure Italy Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure Spain Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure Europe COVID-19 Status

Figure Asia-Pacific Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Table Asia-Pacific Single Photon Detectors Consumption by Countries (2015-2020)

Table Asia-Pacific Single Photon Detectors Consumption Market Share by Countries (2015-2020)

Figure Asia-Pacific Single Photon Detectors Consumption Market Share by Countries (2015-2020)

Figure China Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure Japan Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure South Korea Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure Southeast Asia Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure India Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure Asia Pacific COVID-19 Status

Figure Middle East and Africa Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa Single Photon Detectors Consumption by Countries (2015-2020)

Table Middle East and Africa Single Photon Detectors Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa Single Photon Detectors Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure UAE Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure South Africa Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Figure South America Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Table South America Single Photon Detectors Consumption by Countries (2015-2020)

Table South America Single Photon Detectors Consumption Market Share by Countries (2015-2020)

Figure South America Single Photon Detectors Consumption Market Share by Countries (2015-2020)

Figure Brazil Single Photon Detectors Market Consumption and Growth Rate (2015-2020)

Table ID Quantique Company Profile

Table ID Quantique Production, Value, Price, Gross Margin 2015-2020

Figure ID Quantique Production and Growth Rate

Figure ID Quantique Value (\$) Market Share 2015-2020

Table AUREA Technology Company Profile

Table AUREA Technology Production, Value, Price, Gross Margin 2015-2020

Figure AUREA Technology Production and Growth Rate

Figure AUREA Technology Value (\$) Market Share 2015-2020

Table ProxiVision Company Profile

Table ProxiVision Production, Value, Price, Gross Margin 2015-2020

Figure ProxiVision Production and Growth Rate

Figure ProxiVision Value (\$) Market Share 2015-2020

Table Bruker Company Profile

Table Bruker Production, Value, Price, Gross Margin 2015-2020

Figure Bruker Production and Growth Rate

Figure Bruker Value (\$) Market Share 2015-2020

Table Princeton Instruments? Company Profile

Table Princeton Instruments? Production, Value, Price, Gross Margin 2015-2020

Figure Princeton Instruments? Production and Growth Rate

Figure Princeton Instruments? Value (\$) Market Share 2015-2020

Table Single Quantum Company Profile

Table Single Quantum Production, Value, Price, Gross Margin 2015-2020

Figure Single Quantum Production and Growth Rate

Figure Single Quantum Value (\$) Market Share 2015-2020

Table Photek Company Profile

Table Photek Production, Value, Price, Gross Margin 2015-2020

Figure Photek Production and Growth Rate

Figure Photek Value (\$) Market Share 2015-2020

Table Thorlabs, Inc. Company Profile

Table Thorlabs, Inc. Production, Value, Price, Gross Margin 2015-2020

Figure Thorlabs, Inc. Production and Growth Rate

Figure Thorlabs, Inc. Value (\$) Market Share 2015-2020

Figure North America Market Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)

Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)

Figure Middle East and Africa Market Consumption and Growth Rate Forecast  
(2020-2025)

Figure South America Market Consumption and Growth Rate Forecast (2020-2025)

Table Global Single Photon Detectors Market Forecast Production by Types  
(2020-2025)

Table Global Single Photon Detectors Market Forecast Production Share by Types  
(2020-2025)

Table Global Single Photon Detectors Market Forecast Value (\$) by Types (2020-2025)

Table Global Single Photon Detectors Market Forecast Value Share by Types  
(2020-2025)

Table Global Single Photon Detectors Market Forecast Consumption by Applications  
(2020-2025)

Table Global Single Photon Detectors Market Forecast Consumption Share by  
Applications (2020-2025)

## I would like to order

Product name: 2020-2025 Global Single Photon Detectors Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/2F258C142DD5EN.html>

Price: US\$ 3,360.00 (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/2F258C142DD5EN.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

