

Global Near-infrared Single-photon Detectors Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview

The near-infrared single-photon detectors is an ultra-sensitive detector based on InGaAs avalanche diode.

This report provides a deep insight into the global Near-infrared Single-photon Detectors market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Near-infrared Single-photon Detectors Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Near-infrared Single-photon Detectors market in any manner.

Global Near-infrared Single-photon Detectors Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

ID Quantique

Micro Photon Devices

Quantum Opus

Laser Components

Photon Force

AUREA Technology

Scontel

Single Quantum

Photec

Roi

Dyna Sense

Etsc

Surisetech Innovation

Market Segmentation (by Type)

Dual-mode Near-infrared Single-photon Detectors

Gated Near-infrared Single-photon Detectors

Free-running Near-infrared Single-photon Detectors

Market Segmentation (by Application)

Quantum Communication

Quantum Computing

Artificial Intelligence

Military Detection

Bioluminescence

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Near-infrared Single-photon Detectors Market

Overview of the regional outlook of the Near-infrared Single-photon Detectors Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Near-infrared Single-photon Detectors Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the

market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Near-infrared Single-photon Detectors
- 1.2 Key Market Segments
 - 1.2.1 Near-infrared Single-photon Detectors Segment by Type
 - 1.2.2 Near-infrared Single-photon Detectors Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Near-infrared Single-photon Detectors Market Size (M USD) Estimates and Forecasts (2019-2030)
 - 2.1.2 Global Near-infrared Single-photon Detectors Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Near-infrared Single-photon Detectors Sales by Manufacturers (2019-2024)
- 3.2 Global Near-infrared Single-photon Detectors Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Near-infrared Single-photon Detectors Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Near-infrared Single-photon Detectors Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Near-infrared Single-photon Detectors Sales Sites, Area Served, Product Type
- 3.6 Near-infrared Single-photon Detectors Market Competitive Situation and Trends
 - 3.6.1 Near-infrared Single-photon Detectors Market Concentration Rate

3.6.2 Global 5 and 10 Largest Near-infrared Single-photon Detectors Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 NEAR-INFRARED SINGLE-PHOTON DETECTORS INDUSTRY CHAIN ANALYSIS

4.1 Near-infrared Single-photon Detectors Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Near-infrared Single-photon Detectors Sales Market Share by Type (2019-2024)

6.3 Global Near-infrared Single-photon Detectors Market Size Market Share by Type (2019-2024)

6.4 Global Near-infrared Single-photon Detectors Price by Type (2019-2024)

7 NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Near-infrared Single-photon Detectors Market Sales by Application
(2019-2024)

7.3 Global Near-infrared Single-photon Detectors Market Size (M USD) by Application
(2019-2024)

7.4 Global Near-infrared Single-photon Detectors Sales Growth Rate by Application
(2019-2024)

8 NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET SEGMENTATION BY REGION

8.1 Global Near-infrared Single-photon Detectors Sales by Region

8.1.1 Global Near-infrared Single-photon Detectors Sales by Region

8.1.2 Global Near-infrared Single-photon Detectors Sales Market Share by Region

8.2 North America

8.2.1 North America Near-infrared Single-photon Detectors Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Near-infrared Single-photon Detectors Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Near-infrared Single-photon Detectors Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Near-infrared Single-photon Detectors Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Near-infrared Single-photon Detectors Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 ID Quantique

9.1.1 ID Quantique Near-infrared Single-photon Detectors Basic Information

9.1.2 ID Quantique Near-infrared Single-photon Detectors Product Overview

9.1.3 ID Quantique Near-infrared Single-photon Detectors Product Market

Performance

9.1.4 ID Quantique Business Overview

9.1.5 ID Quantique Near-infrared Single-photon Detectors SWOT Analysis

9.1.6 ID Quantique Recent Developments

9.2 Micro Photon Devices

9.2.1 Micro Photon Devices Near-infrared Single-photon Detectors Basic Information

9.2.2 Micro Photon Devices Near-infrared Single-photon Detectors Product Overview

9.2.3 Micro Photon Devices Near-infrared Single-photon Detectors Product Market

Performance

9.2.4 Micro Photon Devices Business Overview

9.2.5 Micro Photon Devices Near-infrared Single-photon Detectors SWOT Analysis

9.2.6 Micro Photon Devices Recent Developments

9.3 Quantum Opus

9.3.1 Quantum Opus Near-infrared Single-photon Detectors Basic Information

9.3.2 Quantum Opus Near-infrared Single-photon Detectors Product Overview

9.3.3 Quantum Opus Near-infrared Single-photon Detectors Product Market

Performance

9.3.4 Quantum Opus Near-infrared Single-photon Detectors SWOT Analysis

9.3.5 Quantum Opus Business Overview

9.3.6 Quantum Opus Recent Developments

9.4 Laser Components

9.4.1 Laser Components Near-infrared Single-photon Detectors Basic Information

9.4.2 Laser Components Near-infrared Single-photon Detectors Product Overview

9.4.3 Laser Components Near-infrared Single-photon Detectors Product Market

Performance

9.4.4 Laser Components Business Overview

9.4.5 Laser Components Recent Developments

9.5 Photon Force

- 9.5.1 Photon Force Near-infrared Single-photon Detectors Basic Information
- 9.5.2 Photon Force Near-infrared Single-photon Detectors Product Overview
- 9.5.3 Photon Force Near-infrared Single-photon Detectors Product Market

Performance

- 9.5.4 Photon Force Business Overview
- 9.5.5 Photon Force Recent Developments

9.6 AUREA Technology

- 9.6.1 AUREA Technology Near-infrared Single-photon Detectors Basic Information
- 9.6.2 AUREA Technology Near-infrared Single-photon Detectors Product Overview
- 9.6.3 AUREA Technology Near-infrared Single-photon Detectors Product Market

Performance

- 9.6.4 AUREA Technology Business Overview
- 9.6.5 AUREA Technology Recent Developments

9.7 Scontel

- 9.7.1 Scontel Near-infrared Single-photon Detectors Basic Information
- 9.7.2 Scontel Near-infrared Single-photon Detectors Product Overview
- 9.7.3 Scontel Near-infrared Single-photon Detectors Product Market Performance
- 9.7.4 Scontel Business Overview
- 9.7.5 Scontel Recent Developments

9.8 Single Quantum

- 9.8.1 Single Quantum Near-infrared Single-photon Detectors Basic Information
- 9.8.2 Single Quantum Near-infrared Single-photon Detectors Product Overview
- 9.8.3 Single Quantum Near-infrared Single-photon Detectors Product Market

Performance

- 9.8.4 Single Quantum Business Overview
- 9.8.5 Single Quantum Recent Developments

9.9 Photec

- 9.9.1 Photec Near-infrared Single-photon Detectors Basic Information
- 9.9.2 Photec Near-infrared Single-photon Detectors Product Overview
- 9.9.3 Photec Near-infrared Single-photon Detectors Product Market Performance
- 9.9.4 Photec Business Overview
- 9.9.5 Photec Recent Developments

9.10 Roi

- 9.10.1 Roi Near-infrared Single-photon Detectors Basic Information
- 9.10.2 Roi Near-infrared Single-photon Detectors Product Overview
- 9.10.3 Roi Near-infrared Single-photon Detectors Product Market Performance
- 9.10.4 Roi Business Overview
- 9.10.5 Roi Recent Developments

9.11 Dyna Sense

9.11.1 Dyna Sense Near-infrared Single-photon Detectors Basic Information

9.11.2 Dyna Sense Near-infrared Single-photon Detectors Product Overview

9.11.3 Dyna Sense Near-infrared Single-photon Detectors Product Market

Performance

9.11.4 Dyna Sense Business Overview

9.11.5 Dyna Sense Recent Developments

9.12 Etsc

9.12.1 Etsc Near-infrared Single-photon Detectors Basic Information

9.12.2 Etsc Near-infrared Single-photon Detectors Product Overview

9.12.3 Etsc Near-infrared Single-photon Detectors Product Market Performance

9.12.4 Etsc Business Overview

9.12.5 Etsc Recent Developments

9.13 Surisetech Innovation

9.13.1 Surisetech Innovation Near-infrared Single-photon Detectors Basic Information

9.13.2 Surisetech Innovation Near-infrared Single-photon Detectors Product Overview

9.13.3 Surisetech Innovation Near-infrared Single-photon Detectors Product Market

Performance

9.13.4 Surisetech Innovation Business Overview

9.13.5 Surisetech Innovation Recent Developments

10 NEAR-INFRARED SINGLE-PHOTON DETECTORS MARKET FORECAST BY REGION

10.1 Global Near-infrared Single-photon Detectors Market Size Forecast

10.2 Global Near-infrared Single-photon Detectors Market Forecast by Region

10.2.1 North America Market Size Forecast by Country

10.2.2 Europe Near-infrared Single-photon Detectors Market Size Forecast by Country

10.2.3 Asia Pacific Near-infrared Single-photon Detectors Market Size Forecast by

Region

10.2.4 South America Near-infrared Single-photon Detectors Market Size Forecast by Country

10.2.5 Middle East and Africa Forecasted Consumption of Near-infrared Single-photon Detectors by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

11.1 Global Near-infrared Single-photon Detectors Market Forecast by Type (2025-2030)

11.1.1 Global Forecasted Sales of Near-infrared Single-photon Detectors by Type (2025-2030)

11.1.2 Global Near-infrared Single-photon Detectors Market Size Forecast by Type (2025-2030)

11.1.3 Global Forecasted Price of Near-infrared Single-photon Detectors by Type (2025-2030)

11.2 Global Near-infrared Single-photon Detectors Market Forecast by Application (2025-2030)

11.2.1 Global Near-infrared Single-photon Detectors Sales (K Units) Forecast by Application

11.2.2 Global Near-infrared Single-photon Detectors Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Near-infrared Single-photon Detectors Market Size Comparison by Region (M USD)

Table 5. Global Near-infrared Single-photon Detectors Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Near-infrared Single-photon Detectors Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Near-infrared Single-photon Detectors Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Near-infrared Single-photon Detectors Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Near-infrared Single-photon Detectors as of 2022)

Table 10. Global Market Near-infrared Single-photon Detectors Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Near-infrared Single-photon Detectors Sales Sites and Area Served

Table 12. Manufacturers Near-infrared Single-photon Detectors Product Type

Table 13. Global Near-infrared Single-photon Detectors Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Near-infrared Single-photon Detectors

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Near-infrared Single-photon Detectors Market Challenges

Table 22. Global Near-infrared Single-photon Detectors Sales by Type (K Units)

Table 23. Global Near-infrared Single-photon Detectors Market Size by Type (M USD)

Table 24. Global Near-infrared Single-photon Detectors Sales (K Units) by Type (2019-2024)

Table 25. Global Near-infrared Single-photon Detectors Sales Market Share by Type

(2019-2024)

Table 26. Global Near-infrared Single-photon Detectors Market Size (M USD) by Type (2019-2024)

Table 27. Global Near-infrared Single-photon Detectors Market Size Share by Type (2019-2024)

Table 28. Global Near-infrared Single-photon Detectors Price (USD/Unit) by Type (2019-2024)

Table 29. Global Near-infrared Single-photon Detectors Sales (K Units) by Application

Table 30. Global Near-infrared Single-photon Detectors Market Size by Application

Table 31. Global Near-infrared Single-photon Detectors Sales by Application (2019-2024) & (K Units)

Table 32. Global Near-infrared Single-photon Detectors Sales Market Share by Application (2019-2024)

Table 33. Global Near-infrared Single-photon Detectors Sales by Application (2019-2024) & (M USD)

Table 34. Global Near-infrared Single-photon Detectors Market Share by Application (2019-2024)

Table 35. Global Near-infrared Single-photon Detectors Sales Growth Rate by Application (2019-2024)

Table 36. Global Near-infrared Single-photon Detectors Sales by Region (2019-2024) & (K Units)

Table 37. Global Near-infrared Single-photon Detectors Sales Market Share by Region (2019-2024)

Table 38. North America Near-infrared Single-photon Detectors Sales by Country (2019-2024) & (K Units)

Table 39. Europe Near-infrared Single-photon Detectors Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Near-infrared Single-photon Detectors Sales by Region (2019-2024) & (K Units)

Table 41. South America Near-infrared Single-photon Detectors Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Near-infrared Single-photon Detectors Sales by Region (2019-2024) & (K Units)

Table 43. ID Quantique Near-infrared Single-photon Detectors Basic Information

Table 44. ID Quantique Near-infrared Single-photon Detectors Product Overview

Table 45. ID Quantique Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. ID Quantique Business Overview

Table 47. ID Quantique Near-infrared Single-photon Detectors SWOT Analysis

Table 48. ID Quantique Recent Developments

Table 49. Micro Photon Devices Near-infrared Single-photon Detectors Basic Information

Table 50. Micro Photon Devices Near-infrared Single-photon Detectors Product Overview

Table 51. Micro Photon Devices Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 52. Micro Photon Devices Business Overview

Table 53. Micro Photon Devices Near-infrared Single-photon Detectors SWOT Analysis

Table 54. Micro Photon Devices Recent Developments

Table 55. Quantum Opus Near-infrared Single-photon Detectors Basic Information

Table 56. Quantum Opus Near-infrared Single-photon Detectors Product Overview

Table 57. Quantum Opus Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 58. Quantum Opus Near-infrared Single-photon Detectors SWOT Analysis

Table 59. Quantum Opus Business Overview

Table 60. Quantum Opus Recent Developments

Table 61. Laser Components Near-infrared Single-photon Detectors Basic Information

Table 62. Laser Components Near-infrared Single-photon Detectors Product Overview

Table 63. Laser Components Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 64. Laser Components Business Overview

Table 65. Laser Components Recent Developments

Table 66. Photon Force Near-infrared Single-photon Detectors Basic Information

Table 67. Photon Force Near-infrared Single-photon Detectors Product Overview

Table 68. Photon Force Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 69. Photon Force Business Overview

Table 70. Photon Force Recent Developments

Table 71. AUREA Technology Near-infrared Single-photon Detectors Basic Information

Table 72. AUREA Technology Near-infrared Single-photon Detectors Product Overview

Table 73. AUREA Technology Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 74. AUREA Technology Business Overview

Table 75. AUREA Technology Recent Developments

Table 76. Scontel Near-infrared Single-photon Detectors Basic Information

Table 77. Scontel Near-infrared Single-photon Detectors Product Overview

Table 78. Scontel Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 79. Scontel Business Overview

Table 80. Scontel Recent Developments

Table 81. Single Quantum Near-infrared Single-photon Detectors Basic Information

Table 82. Single Quantum Near-infrared Single-photon Detectors Product Overview

Table 83. Single Quantum Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 84. Single Quantum Business Overview

Table 85. Single Quantum Recent Developments

Table 86. Photec Near-infrared Single-photon Detectors Basic Information

Table 87. Photec Near-infrared Single-photon Detectors Product Overview

Table 88. Photec Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 89. Photec Business Overview

Table 90. Photec Recent Developments

Table 91. Roi Near-infrared Single-photon Detectors Basic Information

Table 92. Roi Near-infrared Single-photon Detectors Product Overview

Table 93. Roi Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 94. Roi Business Overview

Table 95. Roi Recent Developments

Table 96. Dyna Sense Near-infrared Single-photon Detectors Basic Information

Table 97. Dyna Sense Near-infrared Single-photon Detectors Product Overview

Table 98. Dyna Sense Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Dyna Sense Business Overview

Table 100. Dyna Sense Recent Developments

Table 101. Etsc Near-infrared Single-photon Detectors Basic Information

Table 102. Etsc Near-infrared Single-photon Detectors Product Overview

Table 103. Etsc Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Etsc Business Overview

Table 105. Etsc Recent Developments

Table 106. Surisetech Innovation Near-infrared Single-photon Detectors Basic Information

Table 107. Surisetech Innovation Near-infrared Single-photon Detectors Product Overview

Table 108. Surisetech Innovation Near-infrared Single-photon Detectors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. Surisetech Innovation Business Overview

Table 110. Surisetech Innovation Recent Developments

Table 111. Global Near-infrared Single-photon Detectors Sales Forecast by Region (2025-2030) & (K Units)

Table 112. Global Near-infrared Single-photon Detectors Market Size Forecast by Region (2025-2030) & (M USD)

Table 113. North America Near-infrared Single-photon Detectors Sales Forecast by Country (2025-2030) & (K Units)

Table 114. North America Near-infrared Single-photon Detectors Market Size Forecast by Country (2025-2030) & (M USD)

Table 115. Europe Near-infrared Single-photon Detectors Sales Forecast by Country (2025-2030) & (K Units)

Table 116. Europe Near-infrared Single-photon Detectors Market Size Forecast by Country (2025-2030) & (M USD)

Table 117. Asia Pacific Near-infrared Single-photon Detectors Sales Forecast by Region (2025-2030) & (K Units)

Table 118. Asia Pacific Near-infrared Single-photon Detectors Market Size Forecast by Region (2025-2030) & (M USD)

Table 119. South America Near-infrared Single-photon Detectors Sales Forecast by Country (2025-2030) & (K Units)

Table 120. South America Near-infrared Single-photon Detectors Market Size Forecast by Country (2025-2030) & (M USD)

Table 121. Middle East and Africa Near-infrared Single-photon Detectors Consumption Forecast by Country (2025-2030) & (Units)

Table 122. Middle East and Africa Near-infrared Single-photon Detectors Market Size Forecast by Country (2025-2030) & (M USD)

Table 123. Global Near-infrared Single-photon Detectors Sales Forecast by Type (2025-2030) & (K Units)

Table 124. Global Near-infrared Single-photon Detectors Market Size Forecast by Type (2025-2030) & (M USD)

Table 125. Global Near-infrared Single-photon Detectors Price Forecast by Type (2025-2030) & (USD/Unit)

Table 126. Global Near-infrared Single-photon Detectors Sales (K Units) Forecast by Application (2025-2030)

Table 127. Global Near-infrared Single-photon Detectors Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Near-infrared Single-photon Detectors

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Near-infrared Single-photon Detectors Market Size (M USD), 2019-2030

Figure 5. Global Near-infrared Single-photon Detectors Market Size (M USD) (2019-2030)

Figure 6. Global Near-infrared Single-photon Detectors Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Near-infrared Single-photon Detectors Market Size by Country (M USD)

Figure 11. Near-infrared Single-photon Detectors Sales Share by Manufacturers in 2023

Figure 12. Global Near-infrared Single-photon Detectors Revenue Share by Manufacturers in 2023

Figure 13. Near-infrared Single-photon Detectors Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Near-infrared Single-photon Detectors Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Near-infrared Single-photon Detectors Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Near-infrared Single-photon Detectors Market Share by Type

Figure 18. Sales Market Share of Near-infrared Single-photon Detectors by Type (2019-2024)

Figure 19. Sales Market Share of Near-infrared Single-photon Detectors by Type in 2023

Figure 20. Market Size Share of Near-infrared Single-photon Detectors by Type (2019-2024)

Figure 21. Market Size Market Share of Near-infrared Single-photon Detectors by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Near-infrared Single-photon Detectors Market Share by Application

Figure 24. Global Near-infrared Single-photon Detectors Sales Market Share by Application (2019-2024)

Figure 25. Global Near-infrared Single-photon Detectors Sales Market Share by Application in 2023

Figure 26. Global Near-infrared Single-photon Detectors Market Share by Application (2019-2024)

Figure 27. Global Near-infrared Single-photon Detectors Market Share by Application in 2023

Figure 28. Global Near-infrared Single-photon Detectors Sales Growth Rate by Application (2019-2024)

Figure 29. Global Near-infrared Single-photon Detectors Sales Market Share by Region (2019-2024)

Figure 30. North America Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Near-infrared Single-photon Detectors Sales Market Share by Country in 2023

Figure 32. U.S. Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Near-infrared Single-photon Detectors Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Near-infrared Single-photon Detectors Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Near-infrared Single-photon Detectors Sales Market Share by Country in 2023

Figure 37. Germany Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Near-infrared Single-photon Detectors Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Near-infrared Single-photon Detectors Sales Market Share by Region in 2023

Figure 44. China Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 45. Japan Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 46. South Korea Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 47. India Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 48. Southeast Asia Near-infrared Single-photon Detectors Sales and Growth

Rate (2019-2024) & (K Units)

Figure 49. South America Near-infrared Single-photon Detectors Sales and Growth

Rate (K Units)

Figure 50. South America Near-infrared Single-photon Detectors Sales Market Share by Country in 2023

Figure 51. Brazil Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 52. Argentina Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 53. Columbia Near-infrared Single-photon Detectors Sales and Growth Rate

(2019-2024) & (K Units)

Figure 54. Middle East and Africa Near-infrared Single-photon Detectors Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Near-infrared Single-photon Detectors Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Near-infrared Single-photon Detectors Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Near-infrared Single-photon Detectors Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Near-infrared Single-photon Detectors Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Near-infrared Single-photon Detectors Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Near-infrared Single-photon Detectors Market Share Forecast by Type (2025-2030)

Figure 65. Global Near-infrared Single-photon Detectors Sales Forecast by Application (2025-2030)

Figure 66. Global Near-infrared Single-photon Detectors Market Share Forecast by Application (2025-2030)

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