

# **Global Open Path Infrared Gas Detector Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029**

<https://marketpublishers.com/r/GF0C0764570DEN.html>

Date: November 2023

Pages: 120

Price: US\$ 3,480.00 (Single User License)

ID: GF0C0764570DEN

## **Abstracts**

According to our (Global Info Research) latest study, the global Open Path Infrared Gas Detector market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

The Global Info Research report includes an overview of the development of the Open Path Infrared Gas Detector industry chain, the market status of Oil and Gas Industry (Multi-Gas Infrared Detectors, Single-Gas Infrared Detectors), Chemical Industry (Multi-Gas Infrared Detectors, Single-Gas Infrared Detectors), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Open Path Infrared Gas Detector.

Regionally, the report analyzes the Open Path Infrared Gas Detector markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Open Path Infrared Gas Detector market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### **Key Features:**

The report presents comprehensive understanding of the Open Path Infrared Gas Detector market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Open Path Infrared Gas Detector industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Multi-Gas Infrared Detectors, Single-Gas Infrared Detectors).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Open Path Infrared Gas Detector market.

**Regional Analysis:** The report involves examining the Open Path Infrared Gas Detector market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Open Path Infrared Gas Detector market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Open Path Infrared Gas Detector:

**Company Analysis:** Report covers individual Open Path Infrared Gas Detector manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Open Path Infrared Gas Detector This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Oil and Gas Industry, Chemical Industry).

**Technology Analysis:** Report covers specific technologies relevant to Open Path Infrared Gas Detector. It assesses the current state, advancements, and potential future developments in Open Path Infrared Gas Detector areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Open Path Infrared Gas

Detector market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Open Path Infrared Gas Detector market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

- Multi-Gas Infrared Detectors

- Single-Gas Infrared Detectors

### Market segment by Application

- Oil and Gas Industry

- Chemical Industry

- Power Plants

- Mining Industry

- Environmental Monitoring

- Other

### Major players covered

- Honeywell

Det-Tronics

Spectrex

Dräger

MSA

Teledyne

Emerson

Crowcon

ESP Safety

GDS Corp

RC Systems

Sensidyne

HiYi Technology

Gastron

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Open Path Infrared Gas Detector product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Open Path Infrared Gas Detector, with price, sales, revenue and global market share of Open Path Infrared Gas Detector from 2018 to 2023.

Chapter 3, the Open Path Infrared Gas Detector competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Open Path Infrared Gas Detector breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Open Path Infrared Gas Detector market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Open Path Infrared Gas Detector.

Chapter 14 and 15, to describe Open Path Infrared Gas Detector sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Open Path Infrared Gas Detector
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Open Path Infrared Gas Detector Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Multi-Gas Infrared Detectors
  - 1.3.3 Single-Gas Infrared Detectors
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Open Path Infrared Gas Detector Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Oil and Gas Industry
  - 1.4.3 Chemical Industry
  - 1.4.4 Power Plants
  - 1.4.5 Mining Industry
  - 1.4.6 Environmental Monitoring
  - 1.4.7 Other
- 1.5 Global Open Path Infrared Gas Detector Market Size & Forecast
  - 1.5.1 Global Open Path Infrared Gas Detector Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Open Path Infrared Gas Detector Sales Quantity (2018-2029)
  - 1.5.3 Global Open Path Infrared Gas Detector Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Honeywell
  - 2.1.1 Honeywell Details
  - 2.1.2 Honeywell Major Business
  - 2.1.3 Honeywell Open Path Infrared Gas Detector Product and Services
  - 2.1.4 Honeywell Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Honeywell Recent Developments/Updates
- 2.2 Det-Tronics
  - 2.2.1 Det-Tronics Details
  - 2.2.2 Det-Tronics Major Business
  - 2.2.3 Det-Tronics Open Path Infrared Gas Detector Product and Services

2.2.4 Det-Tronics Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Det-Tronics Recent Developments/Updates

2.3 Spectrex

2.3.1 Spectrex Details

2.3.2 Spectrex Major Business

2.3.3 Spectrex Open Path Infrared Gas Detector Product and Services

2.3.4 Spectrex Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Spectrex Recent Developments/Updates

2.4 Dr?ger

2.4.1 Dr?ger Details

2.4.2 Dr?ger Major Business

2.4.3 Dr?ger Open Path Infrared Gas Detector Product and Services

2.4.4 Dr?ger Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Dr?ger Recent Developments/Updates

2.5 MSA

2.5.1 MSA Details

2.5.2 MSA Major Business

2.5.3 MSA Open Path Infrared Gas Detector Product and Services

2.5.4 MSA Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 MSA Recent Developments/Updates

2.6 Teledyne

2.6.1 Teledyne Details

2.6.2 Teledyne Major Business

2.6.3 Teledyne Open Path Infrared Gas Detector Product and Services

2.6.4 Teledyne Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Teledyne Recent Developments/Updates

2.7 Emerson

2.7.1 Emerson Details

2.7.2 Emerson Major Business

2.7.3 Emerson Open Path Infrared Gas Detector Product and Services

2.7.4 Emerson Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Emerson Recent Developments/Updates

2.8 Crowcon



- 2.8.1 Crowcon Details
- 2.8.2 Crowcon Major Business
- 2.8.3 Crowcon Open Path Infrared Gas Detector Product and Services
- 2.8.4 Crowcon Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Crowcon Recent Developments/Updates
- 2.9 ESP Safety
  - 2.9.1 ESP Safety Details
  - 2.9.2 ESP Safety Major Business
  - 2.9.3 ESP Safety Open Path Infrared Gas Detector Product and Services
  - 2.9.4 ESP Safety Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 ESP Safety Recent Developments/Updates
- 2.10 GDS Corp
  - 2.10.1 GDS Corp Details
  - 2.10.2 GDS Corp Major Business
  - 2.10.3 GDS Corp Open Path Infrared Gas Detector Product and Services
  - 2.10.4 GDS Corp Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 GDS Corp Recent Developments/Updates
- 2.11 RC Systems
  - 2.11.1 RC Systems Details
  - 2.11.2 RC Systems Major Business
  - 2.11.3 RC Systems Open Path Infrared Gas Detector Product and Services
  - 2.11.4 RC Systems Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.11.5 RC Systems Recent Developments/Updates
- 2.12 Sensidyne
  - 2.12.1 Sensidyne Details
  - 2.12.2 Sensidyne Major Business
  - 2.12.3 Sensidyne Open Path Infrared Gas Detector Product and Services
  - 2.12.4 Sensidyne Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.12.5 Sensidyne Recent Developments/Updates
- 2.13 HiYi Techonology
  - 2.13.1 HiYi Techonology Details
  - 2.13.2 HiYi Techonology Major Business
  - 2.13.3 HiYi Techonology Open Path Infrared Gas Detector Product and Services
  - 2.13.4 HiYi Techonology Open Path Infrared Gas Detector Sales Quantity, Average



Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 HiYi Techonology Recent Developments/Updates

2.14 Gastron

2.14.1 Gastron Details

2.14.2 Gastron Major Business

2.14.3 Gastron Open Path Infrared Gas Detector Product and Services

2.14.4 Gastron Open Path Infrared Gas Detector Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Gastron Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: OPEN PATH INFRARED GAS DETECTOR BY MANUFACTURER**

3.1 Global Open Path Infrared Gas Detector Sales Quantity by Manufacturer (2018-2023)

3.2 Global Open Path Infrared Gas Detector Revenue by Manufacturer (2018-2023)

3.3 Global Open Path Infrared Gas Detector Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Open Path Infrared Gas Detector by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Open Path Infrared Gas Detector Manufacturer Market Share in 2022

3.4.2 Top 6 Open Path Infrared Gas Detector Manufacturer Market Share in 2022

3.5 Open Path Infrared Gas Detector Market: Overall Company Footprint Analysis

3.5.1 Open Path Infrared Gas Detector Market: Region Footprint

3.5.2 Open Path Infrared Gas Detector Market: Company Product Type Footprint

3.5.3 Open Path Infrared Gas Detector Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Open Path Infrared Gas Detector Market Size by Region

4.1.1 Global Open Path Infrared Gas Detector Sales Quantity by Region (2018-2029)

4.1.2 Global Open Path Infrared Gas Detector Consumption Value by Region (2018-2029)

4.1.3 Global Open Path Infrared Gas Detector Average Price by Region (2018-2029)

4.2 North America Open Path Infrared Gas Detector Consumption Value (2018-2029)

- 4.3 Europe Open Path Infrared Gas Detector Consumption Value (2018-2029)
- 4.4 Asia-Pacific Open Path Infrared Gas Detector Consumption Value (2018-2029)
- 4.5 South America Open Path Infrared Gas Detector Consumption Value (2018-2029)
- 4.6 Middle East and Africa Open Path Infrared Gas Detector Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Open Path Infrared Gas Detector Sales Quantity by Type (2018-2029)
- 5.2 Global Open Path Infrared Gas Detector Consumption Value by Type (2018-2029)
- 5.3 Global Open Path Infrared Gas Detector Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Open Path Infrared Gas Detector Sales Quantity by Application (2018-2029)
- 6.2 Global Open Path Infrared Gas Detector Consumption Value by Application (2018-2029)
- 6.3 Global Open Path Infrared Gas Detector Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Open Path Infrared Gas Detector Sales Quantity by Type (2018-2029)
- 7.2 North America Open Path Infrared Gas Detector Sales Quantity by Application (2018-2029)
- 7.3 North America Open Path Infrared Gas Detector Market Size by Country
  - 7.3.1 North America Open Path Infrared Gas Detector Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Open Path Infrared Gas Detector Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe Open Path Infrared Gas Detector Sales Quantity by Type (2018-2029)
- 8.2 Europe Open Path Infrared Gas Detector Sales Quantity by Application (2018-2029)
- 8.3 Europe Open Path Infrared Gas Detector Market Size by Country

- 8.3.1 Europe Open Path Infrared Gas Detector Sales Quantity by Country (2018-2029)
- 8.3.2 Europe Open Path Infrared Gas Detector Consumption Value by Country (2018-2029)
- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Open Path Infrared Gas Detector Market Size by Region
  - 9.3.1 Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Region (2018-2029)
  - 9.3.2 Asia-Pacific Open Path Infrared Gas Detector Consumption Value by Region (2018-2029)
  - 9.3.3 China Market Size and Forecast (2018-2029)
  - 9.3.4 Japan Market Size and Forecast (2018-2029)
  - 9.3.5 Korea Market Size and Forecast (2018-2029)
  - 9.3.6 India Market Size and Forecast (2018-2029)
  - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
  - 9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

- 10.1 South America Open Path Infrared Gas Detector Sales Quantity by Type (2018-2029)
- 10.2 South America Open Path Infrared Gas Detector Sales Quantity by Application (2018-2029)
- 10.3 South America Open Path Infrared Gas Detector Market Size by Country
  - 10.3.1 South America Open Path Infrared Gas Detector Sales Quantity by Country (2018-2029)
  - 10.3.2 South America Open Path Infrared Gas Detector Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Open Path Infrared Gas Detector Market Size by Country

11.3.1 Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Open Path Infrared Gas Detector Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

12.1 Open Path Infrared Gas Detector Market Drivers

12.2 Open Path Infrared Gas Detector Market Restraints

12.3 Open Path Infrared Gas Detector Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Open Path Infrared Gas Detector and Key Manufacturers

13.2 Manufacturing Costs Percentage of Open Path Infrared Gas Detector

13.3 Open Path Infrared Gas Detector Production Process

13.4 Open Path Infrared Gas Detector Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Open Path Infrared Gas Detector Typical Distributors

14.3 Open Path Infrared Gas Detector Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Open Path Infrared Gas Detector Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Open Path Infrared Gas Detector Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Honeywell Basic Information, Manufacturing Base and Competitors

Table 4. Honeywell Major Business

Table 5. Honeywell Open Path Infrared Gas Detector Product and Services

Table 6. Honeywell Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Honeywell Recent Developments/Updates

Table 8. Det-Tronics Basic Information, Manufacturing Base and Competitors

Table 9. Det-Tronics Major Business

Table 10. Det-Tronics Open Path Infrared Gas Detector Product and Services

Table 11. Det-Tronics Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Det-Tronics Recent Developments/Updates

Table 13. Spectrex Basic Information, Manufacturing Base and Competitors

Table 14. Spectrex Major Business

Table 15. Spectrex Open Path Infrared Gas Detector Product and Services

Table 16. Spectrex Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Spectrex Recent Developments/Updates

Table 18. Dräger Basic Information, Manufacturing Base and Competitors

Table 19. Dräger Major Business

Table 20. Dräger Open Path Infrared Gas Detector Product and Services

Table 21. Dräger Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Dräger Recent Developments/Updates

Table 23. MSA Basic Information, Manufacturing Base and Competitors

Table 24. MSA Major Business

Table 25. MSA Open Path Infrared Gas Detector Product and Services

Table 26. MSA Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. MSA Recent Developments/Updates



Table 28. Teledyne Basic Information, Manufacturing Base and Competitors
Table 29. Teledyne Major Business
Table 30. Teledyne Open Path Infrared Gas Detector Product and Services
Table 31. Teledyne Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 32. Teledyne Recent Developments/Updates
Table 33. Emerson Basic Information, Manufacturing Base and Competitors
Table 34. Emerson Major Business
Table 35. Emerson Open Path Infrared Gas Detector Product and Services
Table 36. Emerson Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 37. Emerson Recent Developments/Updates
Table 38. Crowcon Basic Information, Manufacturing Base and Competitors
Table 39. Crowcon Major Business
Table 40. Crowcon Open Path Infrared Gas Detector Product and Services
Table 41. Crowcon Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 42. Crowcon Recent Developments/Updates
Table 43. ESP Safety Basic Information, Manufacturing Base and Competitors
Table 44. ESP Safety Major Business
Table 45. ESP Safety Open Path Infrared Gas Detector Product and Services
Table 46. ESP Safety Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 47. ESP Safety Recent Developments/Updates
Table 48. GDS Corp Basic Information, Manufacturing Base and Competitors
Table 49. GDS Corp Major Business
Table 50. GDS Corp Open Path Infrared Gas Detector Product and Services
Table 51. GDS Corp Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 52. GDS Corp Recent Developments/Updates
Table 53. RC Systems Basic Information, Manufacturing Base and Competitors
Table 54. RC Systems Major Business
Table 55. RC Systems Open Path Infrared Gas Detector Product and Services
Table 56. RC Systems Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 57. RC Systems Recent Developments/Updates



Table 58. Sensidyne Basic Information, Manufacturing Base and Competitors
Table 59. Sensidyne Major Business
Table 60. Sensidyne Open Path Infrared Gas Detector Product and Services
Table 61. Sensidyne Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 62. Sensidyne Recent Developments/Updates
Table 63. HiYi Techonology Basic Information, Manufacturing Base and Competitors
Table 64. HiYi Techonology Major Business
Table 65. HiYi Techonology Open Path Infrared Gas Detector Product and Services
Table 66. HiYi Techonology Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 67. HiYi Techonology Recent Developments/Updates
Table 68. Gastron Basic Information, Manufacturing Base and Competitors
Table 69. Gastron Major Business
Table 70. Gastron Open Path Infrared Gas Detector Product and Services
Table 71. Gastron Open Path Infrared Gas Detector Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
Table 72. Gastron Recent Developments/Updates
Table 73. Global Open Path Infrared Gas Detector Sales Quantity by Manufacturer (2018-2023) & (K Units)
Table 74. Global Open Path Infrared Gas Detector Revenue by Manufacturer (2018-2023) & (USD Million)
Table 75. Global Open Path Infrared Gas Detector Average Price by Manufacturer (2018-2023) & (US\$/Unit)
Table 76. Market Position of Manufacturers in Open Path Infrared Gas Detector, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
Table 77. Head Office and Open Path Infrared Gas Detector Production Site of Key Manufacturer
Table 78. Open Path Infrared Gas Detector Market: Company Product Type Footprint
Table 79. Open Path Infrared Gas Detector Market: Company Product Application Footprint
Table 80. Open Path Infrared Gas Detector New Market Entrants and Barriers to Market Entry
Table 81. Open Path Infrared Gas Detector Mergers, Acquisition, Agreements, and Collaborations
Table 82. Global Open Path Infrared Gas Detector Sales Quantity by Region (2018-2023) & (K Units)

Table 83. Global Open Path Infrared Gas Detector Sales Quantity by Region  
(2024-2029) & (K Units)

Table 84. Global Open Path Infrared Gas Detector Consumption Value by Region  
(2018-2023) & (USD Million)

Table 85. Global Open Path Infrared Gas Detector Consumption Value by Region  
(2024-2029) & (USD Million)

Table 86. Global Open Path Infrared Gas Detector Average Price by Region  
(2018-2023) & (US\$/Unit)

Table 87. Global Open Path Infrared Gas Detector Average Price by Region  
(2024-2029) & (US\$/Unit)

Table 88. Global Open Path Infrared Gas Detector Sales Quantity by Type (2018-2023)  
& (K Units)

Table 89. Global Open Path Infrared Gas Detector Sales Quantity by Type (2024-2029)  
& (K Units)

Table 90. Global Open Path Infrared Gas Detector Consumption Value by Type  
(2018-2023) & (USD Million)

Table 91. Global Open Path Infrared Gas Detector Consumption Value by Type  
(2024-2029) & (USD Million)

Table 92. Global Open Path Infrared Gas Detector Average Price by Type (2018-2023)  
& (US\$/Unit)

Table 93. Global Open Path Infrared Gas Detector Average Price by Type (2024-2029)  
& (US\$/Unit)

Table 94. Global Open Path Infrared Gas Detector Sales Quantity by Application  
(2018-2023) & (K Units)

Table 95. Global Open Path Infrared Gas Detector Sales Quantity by Application  
(2024-2029) & (K Units)

Table 96. Global Open Path Infrared Gas Detector Consumption Value by Application  
(2018-2023) & (USD Million)

Table 97. Global Open Path Infrared Gas Detector Consumption Value by Application  
(2024-2029) & (USD Million)

Table 98. Global Open Path Infrared Gas Detector Average Price by Application  
(2018-2023) & (US\$/Unit)

Table 99. Global Open Path Infrared Gas Detector Average Price by Application  
(2024-2029) & (US\$/Unit)

Table 100. North America Open Path Infrared Gas Detector Sales Quantity by Type  
(2018-2023) & (K Units)

Table 101. North America Open Path Infrared Gas Detector Sales Quantity by Type  
(2024-2029) & (K Units)

Table 102. North America Open Path Infrared Gas Detector Sales Quantity by

Application (2018-2023) & (K Units)

Table 103. North America Open Path Infrared Gas Detector Sales Quantity by  
Application (2024-2029) & (K Units)

Table 104. North America Open Path Infrared Gas Detector Sales Quantity by Country  
(2018-2023) & (K Units)

Table 105. North America Open Path Infrared Gas Detector Sales Quantity by Country  
(2024-2029) & (K Units)

Table 106. North America Open Path Infrared Gas Detector Consumption Value by  
Country (2018-2023) & (USD Million)

Table 107. North America Open Path Infrared Gas Detector Consumption Value by  
Country (2024-2029) & (USD Million)

Table 108. Europe Open Path Infrared Gas Detector Sales Quantity by Type  
(2018-2023) & (K Units)

Table 109. Europe Open Path Infrared Gas Detector Sales Quantity by Type  
(2024-2029) & (K Units)

Table 110. Europe Open Path Infrared Gas Detector Sales Quantity by Application  
(2018-2023) & (K Units)

Table 111. Europe Open Path Infrared Gas Detector Sales Quantity by Application  
(2024-2029) & (K Units)

Table 112. Europe Open Path Infrared Gas Detector Sales Quantity by Country  
(2018-2023) & (K Units)

Table 113. Europe Open Path Infrared Gas Detector Sales Quantity by Country  
(2024-2029) & (K Units)

Table 114. Europe Open Path Infrared Gas Detector Consumption Value by Country  
(2018-2023) & (USD Million)

Table 115. Europe Open Path Infrared Gas Detector Consumption Value by Country  
(2024-2029) & (USD Million)

Table 116. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Type  
(2018-2023) & (K Units)

Table 117. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Type  
(2024-2029) & (K Units)

Table 118. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Application  
(2018-2023) & (K Units)

Table 119. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Application  
(2024-2029) & (K Units)

Table 120. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Region  
(2018-2023) & (K Units)

Table 121. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity by Region  
(2024-2029) & (K Units)

Table 122. Asia-Pacific Open Path Infrared Gas Detector Consumption Value by Region (2018-2023) & (USD Million)

Table 123. Asia-Pacific Open Path Infrared Gas Detector Consumption Value by Region (2024-2029) & (USD Million)

Table 124. South America Open Path Infrared Gas Detector Sales Quantity by Type (2018-2023) & (K Units)

Table 125. South America Open Path Infrared Gas Detector Sales Quantity by Type (2024-2029) & (K Units)

Table 126. South America Open Path Infrared Gas Detector Sales Quantity by Application (2018-2023) & (K Units)

Table 127. South America Open Path Infrared Gas Detector Sales Quantity by Application (2024-2029) & (K Units)

Table 128. South America Open Path Infrared Gas Detector Sales Quantity by Country (2018-2023) & (K Units)

Table 129. South America Open Path Infrared Gas Detector Sales Quantity by Country (2024-2029) & (K Units)

Table 130. South America Open Path Infrared Gas Detector Consumption Value by Country (2018-2023) & (USD Million)

Table 131. South America Open Path Infrared Gas Detector Consumption Value by Country (2024-2029) & (USD Million)

Table 132. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Type (2018-2023) & (K Units)

Table 133. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Type (2024-2029) & (K Units)

Table 134. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Application (2018-2023) & (K Units)

Table 135. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Application (2024-2029) & (K Units)

Table 136. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Region (2018-2023) & (K Units)

Table 137. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity by Region (2024-2029) & (K Units)

Table 138. Middle East & Africa Open Path Infrared Gas Detector Consumption Value by Region (2018-2023) & (USD Million)

Table 139. Middle East & Africa Open Path Infrared Gas Detector Consumption Value by Region (2024-2029) & (USD Million)

Table 140. Open Path Infrared Gas Detector Raw Material

Table 141. Key Manufacturers of Open Path Infrared Gas Detector Raw Materials

Table 142. Open Path Infrared Gas Detector Typical Distributors

Table 143. Open Path Infrared Gas Detector Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Open Path Infrared Gas Detector Picture

Figure 2. Global Open Path Infrared Gas Detector Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Open Path Infrared Gas Detector Consumption Value Market Share by Type in 2022

Figure 4. Multi-Gas Infrared Detectors Examples

Figure 5. Single-Gas Infrared Detectors Examples

Figure 6. Global Open Path Infrared Gas Detector Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Open Path Infrared Gas Detector Consumption Value Market Share by Application in 2022

Figure 8. Oil and Gas Industry Examples

Figure 9. Chemical Industry Examples

Figure 10. Power Plants Examples

Figure 11. Mining Industry Examples

Figure 12. Environmental Monitoring Examples

Figure 13. Other Examples

Figure 14. Global Open Path Infrared Gas Detector Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 15. Global Open Path Infrared Gas Detector Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 16. Global Open Path Infrared Gas Detector Sales Quantity (2018-2029) & (K Units)

Figure 17. Global Open Path Infrared Gas Detector Average Price (2018-2029) & (US\$/Unit)

Figure 18. Global Open Path Infrared Gas Detector Sales Quantity Market Share by Manufacturer in 2022

Figure 19. Global Open Path Infrared Gas Detector Consumption Value Market Share by Manufacturer in 2022

Figure 20. Producer Shipments of Open Path Infrared Gas Detector by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 21. Top 3 Open Path Infrared Gas Detector Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Top 6 Open Path Infrared Gas Detector Manufacturer (Consumption Value) Market Share in 2022



Figure 23. Global Open Path Infrared Gas Detector Sales Quantity Market Share by Region (2018-2029)

Figure 24. Global Open Path Infrared Gas Detector Consumption Value Market Share by Region (2018-2029)

Figure 25. North America Open Path Infrared Gas Detector Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe Open Path Infrared Gas Detector Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific Open Path Infrared Gas Detector Consumption Value (2018-2029) & (USD Million)

Figure 28. South America Open Path Infrared Gas Detector Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa Open Path Infrared Gas Detector Consumption Value (2018-2029) & (USD Million)

Figure 30. Global Open Path Infrared Gas Detector Sales Quantity Market Share by Type (2018-2029)

Figure 31. Global Open Path Infrared Gas Detector Consumption Value Market Share by Type (2018-2029)

Figure 32. Global Open Path Infrared Gas Detector Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global Open Path Infrared Gas Detector Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global Open Path Infrared Gas Detector Consumption Value Market Share by Application (2018-2029)

Figure 35. Global Open Path Infrared Gas Detector Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America Open Path Infrared Gas Detector Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America Open Path Infrared Gas Detector Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America Open Path Infrared Gas Detector Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America Open Path Infrared Gas Detector Consumption Value Market Share by Country (2018-2029)

Figure 40. United States Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico Open Path Infrared Gas Detector Consumption Value and Growth



Rate (2018-2029) & (USD Million)

Figure 43. Europe Open Path Infrared Gas Detector Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe Open Path Infrared Gas Detector Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe Open Path Infrared Gas Detector Sales Quantity Market Share by Country (2018-2029)

Figure 46. Europe Open Path Infrared Gas Detector Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific Open Path Infrared Gas Detector Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific Open Path Infrared Gas Detector Consumption Value Market Share by Region (2018-2029)

Figure 56. China Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. South America Open Path Infrared Gas Detector Sales Quantity Market Share by Type (2018-2029)

Figure 63. South America Open Path Infrared Gas Detector Sales Quantity Market Share by Application (2018-2029)

Figure 64. South America Open Path Infrared Gas Detector Sales Quantity Market Share by Country (2018-2029)

Figure 65. South America Open Path Infrared Gas Detector Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa Open Path Infrared Gas Detector Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa Open Path Infrared Gas Detector Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa Open Path Infrared Gas Detector Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Open Path Infrared Gas Detector Market Drivers

Figure 77. Open Path Infrared Gas Detector Market Restraints

Figure 78. Open Path Infrared Gas Detector Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Open Path Infrared Gas Detector in 2022

Figure 81. Manufacturing Process Analysis of Open Path Infrared Gas Detector

Figure 82. Open Path Infrared Gas Detector Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

## I would like to order

Product name: Global Open Path Infrared Gas Detector Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/GF0C0764570DEN.html>

Price: US\$ 3,480.00 (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/GF0C0764570DEN.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

