

# Global IoT Gas Monitoring Equipment Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global IoT Gas Monitoring Equipment market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

IoT gas monitoring equipment refers to the use of IoT technology, combined with gas sensors, data acquisition and processing units, and wireless communication modules, etc., to monitor the concentration and type of gases in the environment in real time, and transmit the monitoring data to the monitoring center or user terminal through the network. This equipment uses an intelligent way to achieve rapid and accurate monitoring of harmful gases or specific gases, providing important safety guarantees for industries such as industry, medical care, and environmental protection.

The emergence of IoT gas monitoring equipment has greatly improved the efficiency and accuracy of gas monitoring and reduced the cost and risk of manual inspections. At the same time, through data analysis and mining, it can also provide scientific basis and decision-making support for environmental protection, safe production and other fields.

The current status and dynamics of the IoT gas monitoring equipment market can be summarized from the following aspects:

First, as the importance of safe production in the fields of industry, medical care,

environmental protection, etc. continues to increase, the demand for gas monitoring equipment is also growing. These devices play a key role in preventing gas leaks and ensuring personnel safety. The introduction of advanced technologies such as the Internet of Things and artificial intelligence has made gas monitoring equipment more intelligent and networked. These technologies not only improve the accuracy and efficiency of monitoring, but also realize functions such as remote monitoring and data analysis.

In addition, with the popularization and application of IoT technology, gas monitoring equipment will achieve intelligent development, capable of real-time monitoring, early warning and linkage control, and improve the level of safe production. The improvement of sensor technology, data processing capabilities and network connectivity will promote the research and development and application of a new generation of intelligent gas monitoring equipment. These devices will have higher accuracy, faster response speed and more reliable monitoring capabilities.

In summary, the IoT gas monitoring equipment market is showing a rapid growth trend worldwide.

This report is a detailed and comprehensive analysis for global IoT Gas Monitoring Equipment market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global IoT Gas Monitoring Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global IoT Gas Monitoring Equipment market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global IoT Gas Monitoring Equipment market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2020-2031

Global IoT Gas Monitoring Equipment market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for IoT Gas Monitoring Equipment
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global IoT Gas Monitoring Equipment market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include MSA Safety Incorporated, Honeywell, Drägerwerk, Siemens, Emerson, Figaro Engineering, Libelium, Hanwei Electronics Group, Huapu IOT Technology, Hikvision DIGITAL Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

IoT Gas Monitoring Equipment market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Wired Connection

Wireless Connection

### Market segment by Application

Industry

Environmental Protection

Energy

Home

Other

#### Major players covered

MSA Safety Incorporated

Honeywell

Dragerwerk

Siemens

Emerson

Figaro Engineering

Libelium

Hanwei Electronics Group

Huapu IOT Technology

Hikvision DIGITAL Technology

Zhong An Electronic Detection Technology

Wanandi Technology

Otywell Electronic Technology

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 IoT Gas Monitoring Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of IoT Gas Monitoring Equipment, with price, sales quantity, revenue, and global market share of IoT Gas Monitoring Equipment from 2020 to 2025.

Chapter 3, the IoT Gas Monitoring Equipment competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the IoT Gas Monitoring Equipment breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and IoT Gas Monitoring Equipment market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 IoT Gas Monitoring Equipment.

Chapter 14 and 15, to describe IoT Gas Monitoring Equipment sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global IoT Gas Monitoring Equipment Consumption Value by Type: 2020 Versus 2024 Versus 2031
  - 1.3.2 Wired Connection
  - 1.3.3 Wireless Connection
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global IoT Gas Monitoring Equipment Consumption Value by Application: 2020 Versus 2024 Versus 2031
  - 1.4.2 Industry
  - 1.4.3 Environmental Protection
  - 1.4.4 Energy
  - 1.4.5 Home
  - 1.4.6 Other
- 1.5 Global IoT Gas Monitoring Equipment Market Size & Forecast
  - 1.5.1 Global IoT Gas Monitoring Equipment Consumption Value (2020 & 2024 & 2031)
  - 1.5.2 Global IoT Gas Monitoring Equipment Sales Quantity (2020-2031)
  - 1.5.3 Global IoT Gas Monitoring Equipment Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

- 2.1 MSA Safety Incorporated
  - 2.1.1 MSA Safety Incorporated Details
  - 2.1.2 MSA Safety Incorporated Major Business
  - 2.1.3 MSA Safety Incorporated IoT Gas Monitoring Equipment Product and Services
  - 2.1.4 MSA Safety Incorporated IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.1.5 MSA Safety Incorporated Recent Developments/Updates
- 2.2 Honeywell
  - 2.2.1 Honeywell Details
  - 2.2.2 Honeywell Major Business
  - 2.2.3 Honeywell IoT Gas Monitoring Equipment Product and Services
  - 2.2.4 Honeywell IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

- 2.2.5 Honeywell Recent Developments/Updates
- 2.3 Drägerwerk
  - 2.3.1 Drägerwerk Details
  - 2.3.2 Drägerwerk Major Business
  - 2.3.3 Drägerwerk IoT Gas Monitoring Equipment Product and Services
  - 2.3.4 Drägerwerk IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.3.5 Drägerwerk Recent Developments/Updates
- 2.4 Siemens
  - 2.4.1 Siemens Details
  - 2.4.2 Siemens Major Business
  - 2.4.3 Siemens IoT Gas Monitoring Equipment Product and Services
  - 2.4.4 Siemens IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.4.5 Siemens Recent Developments/Updates
- 2.5 Emerson
  - 2.5.1 Emerson Details
  - 2.5.2 Emerson Major Business
  - 2.5.3 Emerson IoT Gas Monitoring Equipment Product and Services
  - 2.5.4 Emerson IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.5.5 Emerson Recent Developments/Updates
- 2.6 Figaro Engineering
  - 2.6.1 Figaro Engineering Details
  - 2.6.2 Figaro Engineering Major Business
  - 2.6.3 Figaro Engineering IoT Gas Monitoring Equipment Product and Services
  - 2.6.4 Figaro Engineering IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.6.5 Figaro Engineering Recent Developments/Updates
- 2.7 Libelium
  - 2.7.1 Libelium Details
  - 2.7.2 Libelium Major Business
  - 2.7.3 Libelium IoT Gas Monitoring Equipment Product and Services
  - 2.7.4 Libelium IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.7.5 Libelium Recent Developments/Updates
- 2.8 Hanwei Electronics Group
  - 2.8.1 Hanwei Electronics Group Details
  - 2.8.2 Hanwei Electronics Group Major Business

- 2.8.3 Hanwei Electronics Group IoT Gas Monitoring Equipment Product and Services
- 2.8.4 Hanwei Electronics Group IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Hanwei Electronics Group Recent Developments/Updates
- 2.9 Huapu IOT Technology
  - 2.9.1 Huapu IOT Technology Details
  - 2.9.2 Huapu IOT Technology Major Business
  - 2.9.3 Huapu IOT Technology IoT Gas Monitoring Equipment Product and Services
  - 2.9.4 Huapu IOT Technology IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Huapu IOT Technology Recent Developments/Updates
- 2.10 Hikvision DIGITAL Technology
  - 2.10.1 Hikvision DIGITAL Technology Details
  - 2.10.2 Hikvision DIGITAL Technology Major Business
  - 2.10.3 Hikvision DIGITAL Technology IoT Gas Monitoring Equipment Product and Services
  - 2.10.4 Hikvision DIGITAL Technology IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 Hikvision DIGITAL Technology Recent Developments/Updates
- 2.11 Zhong An Electronic Detection Technology
  - 2.11.1 Zhong An Electronic Detection Technology Details
  - 2.11.2 Zhong An Electronic Detection Technology Major Business
  - 2.11.3 Zhong An Electronic Detection Technology IoT Gas Monitoring Equipment Product and Services
  - 2.11.4 Zhong An Electronic Detection Technology IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.11.5 Zhong An Electronic Detection Technology Recent Developments/Updates
- 2.12 Wanandi Technology
  - 2.12.1 Wanandi Technology Details
  - 2.12.2 Wanandi Technology Major Business
  - 2.12.3 Wanandi Technology IoT Gas Monitoring Equipment Product and Services
  - 2.12.4 Wanandi Technology IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.12.5 Wanandi Technology Recent Developments/Updates
- 2.13 Otywell Electronic Technology
  - 2.13.1 Otywell Electronic Technology Details
  - 2.13.2 Otywell Electronic Technology Major Business
  - 2.13.3 Otywell Electronic Technology IoT Gas Monitoring Equipment Product and Services

2.13.4 Otywell Electronic Technology IoT Gas Monitoring Equipment Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 Otywell Electronic Technology Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: IOT GAS MONITORING EQUIPMENT BY MANUFACTURER**

3.1 Global IoT Gas Monitoring Equipment Sales Quantity by Manufacturer (2020-2025)

3.2 Global IoT Gas Monitoring Equipment Revenue by Manufacturer (2020-2025)

3.3 Global IoT Gas Monitoring Equipment Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of IoT Gas Monitoring Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 IoT Gas Monitoring Equipment Manufacturer Market Share in 2024

3.4.3 Top 6 IoT Gas Monitoring Equipment Manufacturer Market Share in 2024

3.5 IoT Gas Monitoring Equipment Market: Overall Company Footprint Analysis

3.5.1 IoT Gas Monitoring Equipment Market: Region Footprint

3.5.2 IoT Gas Monitoring Equipment Market: Company Product Type Footprint

3.5.3 IoT Gas Monitoring Equipment 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 IoT Gas Monitoring Equipment Market Size by Region

4.1.1 Global IoT Gas Monitoring Equipment Sales Quantity by Region (2020-2031)

4.1.2 Global IoT Gas Monitoring Equipment Consumption Value by Region (2020-2031)

4.1.3 Global IoT Gas Monitoring Equipment Average Price by Region (2020-2031)

4.2 North America IoT Gas Monitoring Equipment Consumption Value (2020-2031)

4.3 Europe IoT Gas Monitoring Equipment Consumption Value (2020-2031)

4.4 Asia-Pacific IoT Gas Monitoring Equipment Consumption Value (2020-2031)

4.5 South America IoT Gas Monitoring Equipment Consumption Value (2020-2031)

4.6 Middle East & Africa IoT Gas Monitoring Equipment Consumption Value (2020-2031)

### **5 MARKET SEGMENT BY TYPE**

5.1 Global IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2031)

- 5.2 Global IoT Gas Monitoring Equipment Consumption Value by Type (2020-2031)
- 5.3 Global IoT Gas Monitoring Equipment Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2031)
- 6.2 Global IoT Gas Monitoring Equipment Consumption Value by Application (2020-2031)
- 6.3 Global IoT Gas Monitoring Equipment Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2031)
- 7.2 North America IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2031)
- 7.3 North America IoT Gas Monitoring Equipment Market Size by Country
  - 7.3.1 North America IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2031)
  - 7.3.2 North America IoT Gas Monitoring Equipment Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2031)
- 8.2 Europe IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2031)
- 8.3 Europe IoT Gas Monitoring Equipment Market Size by Country
  - 8.3.1 Europe IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe IoT Gas Monitoring Equipment Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)
  - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
  - 8.3.6 Russia Market Size and Forecast (2020-2031)
  - 8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific IoT Gas Monitoring Equipment Market Size by Region

9.3.1 Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific IoT Gas Monitoring Equipment Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

10.1 South America IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2031)

10.2 South America IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2031)

10.3 South America IoT Gas Monitoring Equipment Market Size by Country

10.3.1 South America IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2031)

10.3.2 South America IoT Gas Monitoring Equipment Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa IoT Gas Monitoring Equipment Market Size by Country

11.3.1 Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa IoT Gas Monitoring Equipment Consumption Value by

## Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 IoT Gas Monitoring Equipment Market Drivers

12.2 IoT Gas Monitoring Equipment Market Restraints

12.3 IoT Gas Monitoring Equipment 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 IoT Gas Monitoring Equipment and Key Manufacturers

13.2 Manufacturing Costs Percentage of IoT Gas Monitoring Equipment

13.3 IoT Gas Monitoring Equipment Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 IoT Gas Monitoring Equipment Typical Distributors

14.3 IoT Gas Monitoring Equipment 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 IoT Gas Monitoring Equipment Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global IoT Gas Monitoring Equipment Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. MSA Safety Incorporated Basic Information, Manufacturing Base and Competitors

Table 4. MSA Safety Incorporated Major Business

Table 5. MSA Safety Incorporated IoT Gas Monitoring Equipment Product and Services

Table 6. MSA Safety Incorporated IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. MSA Safety Incorporated Recent Developments/Updates

Table 8. Honeywell Basic Information, Manufacturing Base and Competitors

Table 9. Honeywell Major Business

Table 10. Honeywell IoT Gas Monitoring Equipment Product and Services

Table 11. Honeywell IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Honeywell Recent Developments/Updates

Table 13. Drägerwerk Basic Information, Manufacturing Base and Competitors

Table 14. Drägerwerk Major Business

Table 15. Drägerwerk IoT Gas Monitoring Equipment Product and Services

Table 16. Drägerwerk IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Drägerwerk Recent Developments/Updates

Table 18. Siemens Basic Information, Manufacturing Base and Competitors

Table 19. Siemens Major Business

Table 20. Siemens IoT Gas Monitoring Equipment Product and Services

Table 21. Siemens IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Siemens Recent Developments/Updates

Table 23. Emerson Basic Information, Manufacturing Base and Competitors

Table 24. Emerson Major Business

Table 25. Emerson IoT Gas Monitoring Equipment Product and Services

Table 26. Emerson IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Emerson Recent Developments/Updates

Table 28. Figaro Engineering Basic Information, Manufacturing Base and Competitors

Table 29. Figaro Engineering Major Business

Table 30. Figaro Engineering IoT Gas Monitoring Equipment Product and Services

Table 31. Figaro Engineering IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Figaro Engineering Recent Developments/Updates

Table 33. Libelium Basic Information, Manufacturing Base and Competitors

Table 34. Libelium Major Business

Table 35. Libelium IoT Gas Monitoring Equipment Product and Services

Table 36. Libelium IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Libelium Recent Developments/Updates

Table 38. Hanwei Electronics Group Basic Information, Manufacturing Base and Competitors

Table 39. Hanwei Electronics Group Major Business

Table 40. Hanwei Electronics Group IoT Gas Monitoring Equipment Product and Services

Table 41. Hanwei Electronics Group IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Hanwei Electronics Group Recent Developments/Updates

Table 43. Huapu IOT Technology Basic Information, Manufacturing Base and Competitors

Table 44. Huapu IOT Technology Major Business

Table 45. Huapu IOT Technology IoT Gas Monitoring Equipment Product and Services

Table 46. Huapu IOT Technology IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Huapu IOT Technology Recent Developments/Updates

Table 48. Hikvision DIGITAL Technology Basic Information, Manufacturing Base and Competitors

Table 49. Hikvision DIGITAL Technology Major Business

Table 50. Hikvision DIGITAL Technology IoT Gas Monitoring Equipment Product and

## Services

Table 51. Hikvision DIGITAL Technology IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Hikvision DIGITAL Technology Recent Developments/Updates

Table 53. Zhong An Electronic Detection Technology Basic Information, Manufacturing Base and Competitors

Table 54. Zhong An Electronic Detection Technology Major Business

Table 55. Zhong An Electronic Detection Technology IoT Gas Monitoring Equipment Product and Services

Table 56. Zhong An Electronic Detection Technology IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Zhong An Electronic Detection Technology Recent Developments/Updates

Table 58. Wanandi Technology Basic Information, Manufacturing Base and Competitors

Table 59. Wanandi Technology Major Business

Table 60. Wanandi Technology IoT Gas Monitoring Equipment Product and Services

Table 61. Wanandi Technology IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Wanandi Technology Recent Developments/Updates

Table 63. Otywell Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 64. Otywell Electronic Technology Major Business

Table 65. Otywell Electronic Technology IoT Gas Monitoring Equipment Product and Services

Table 66. Otywell Electronic Technology IoT Gas Monitoring Equipment Sales Quantity (Units), Average Price (K US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. Otywell Electronic Technology Recent Developments/Updates

Table 68. Global IoT Gas Monitoring Equipment Sales Quantity by Manufacturer (2020-2025) & (Units)

Table 69. Global IoT Gas Monitoring Equipment Revenue by Manufacturer (2020-2025) & (USD Million)

Table 70. Global IoT Gas Monitoring Equipment Average Price by Manufacturer (2020-2025) & (K US\$/Unit)

Table 71. Market Position of Manufacturers in IoT Gas Monitoring Equipment, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 72. Head Office and IoT Gas Monitoring Equipment Production Site of Key

**Manufacturer**

Table 73. IoT Gas Monitoring Equipment Market: Company Product Type Footprint

Table 74. IoT Gas Monitoring Equipment Market: Company Product Application Footprint

Table 75. IoT Gas Monitoring Equipment New Market Entrants and Barriers to Market Entry

Table 76. IoT Gas Monitoring Equipment Mergers, Acquisition, Agreements, and Collaborations

Table 77. Global IoT Gas Monitoring Equipment Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 78. Global IoT Gas Monitoring Equipment Sales Quantity by Region (2020-2025) & (Units)

Table 79. Global IoT Gas Monitoring Equipment Sales Quantity by Region (2026-2031) & (Units)

Table 80. Global IoT Gas Monitoring Equipment Consumption Value by Region (2020-2025) & (USD Million)

Table 81. Global IoT Gas Monitoring Equipment Consumption Value by Region (2026-2031) & (USD Million)

Table 82. Global IoT Gas Monitoring Equipment Average Price by Region (2020-2025) & (K US\$/Unit)

Table 83. Global IoT Gas Monitoring Equipment Average Price by Region (2026-2031) & (K US\$/Unit)

Table 84. Global IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2025) & (Units)

Table 85. Global IoT Gas Monitoring Equipment Sales Quantity by Type (2026-2031) & (Units)

Table 86. Global IoT Gas Monitoring Equipment Consumption Value by Type (2020-2025) & (USD Million)

Table 87. Global IoT Gas Monitoring Equipment Consumption Value by Type (2026-2031) & (USD Million)

Table 88. Global IoT Gas Monitoring Equipment Average Price by Type (2020-2025) & (K US\$/Unit)

Table 89. Global IoT Gas Monitoring Equipment Average Price by Type (2026-2031) & (K US\$/Unit)

Table 90. Global IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2025) & (Units)

Table 91. Global IoT Gas Monitoring Equipment Sales Quantity by Application (2026-2031) & (Units)

Table 92. Global IoT Gas Monitoring Equipment Consumption Value by Application

(2020-2025) & (USD Million)

Table 93. Global IoT Gas Monitoring Equipment Consumption Value by Application

(2026-2031) & (USD Million)

Table 94. Global IoT Gas Monitoring Equipment Average Price by Application

(2020-2025) & (K US\$/Unit)

Table 95. Global IoT Gas Monitoring Equipment Average Price by Application

(2026-2031) & (K US\$/Unit)

Table 96. North America IoT Gas Monitoring Equipment Sales Quantity by Type

(2020-2025) & (Units)

Table 97. North America IoT Gas Monitoring Equipment Sales Quantity by Type

(2026-2031) & (Units)

Table 98. North America IoT Gas Monitoring Equipment Sales Quantity by Application

(2020-2025) & (Units)

Table 99. North America IoT Gas Monitoring Equipment Sales Quantity by Application

(2026-2031) & (Units)

Table 100. North America IoT Gas Monitoring Equipment Sales Quantity by Country

(2020-2025) & (Units)

Table 101. North America IoT Gas Monitoring Equipment Sales Quantity by Country

(2026-2031) & (Units)

Table 102. North America IoT Gas Monitoring Equipment Consumption Value by Country (2020-2025) & (USD Million)

Table 103. North America IoT Gas Monitoring Equipment Consumption Value by Country (2026-2031) & (USD Million)

Table 104. Europe IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2025) & (Units)

Table 105. Europe IoT Gas Monitoring Equipment Sales Quantity by Type (2026-2031) & (Units)

Table 106. Europe IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2025) & (Units)

Table 107. Europe IoT Gas Monitoring Equipment Sales Quantity by Application (2026-2031) & (Units)

Table 108. Europe IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2025) & (Units)

Table 109. Europe IoT Gas Monitoring Equipment Sales Quantity by Country (2026-2031) & (Units)

Table 110. Europe IoT Gas Monitoring Equipment Consumption Value by Country (2020-2025) & (USD Million)

Table 111. Europe IoT Gas Monitoring Equipment Consumption Value by Country (2026-2031) & (USD Million)

Table 112. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2025) & (Units)

Table 113. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Type (2026-2031) & (Units)

Table 114. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2025) & (Units)

Table 115. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Application (2026-2031) & (Units)

Table 116. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Region (2020-2025) & (Units)

Table 117. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity by Region (2026-2031) & (Units)

Table 118. Asia-Pacific IoT Gas Monitoring Equipment Consumption Value by Region (2020-2025) & (USD Million)

Table 119. Asia-Pacific IoT Gas Monitoring Equipment Consumption Value by Region (2026-2031) & (USD Million)

Table 120. South America IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2025) & (Units)

Table 121. South America IoT Gas Monitoring Equipment Sales Quantity by Type (2026-2031) & (Units)

Table 122. South America IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2025) & (Units)

Table 123. South America IoT Gas Monitoring Equipment Sales Quantity by Application (2026-2031) & (Units)

Table 124. South America IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2025) & (Units)

Table 125. South America IoT Gas Monitoring Equipment Sales Quantity by Country (2026-2031) & (Units)

Table 126. South America IoT Gas Monitoring Equipment Consumption Value by Country (2020-2025) & (USD Million)

Table 127. South America IoT Gas Monitoring Equipment Consumption Value by Country (2026-2031) & (USD Million)

Table 128. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Type (2020-2025) & (Units)

Table 129. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Type (2026-2031) & (Units)

Table 130. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Application (2020-2025) & (Units)

Table 131. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by

Application (2026-2031) & (Units)

Table 132. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Country (2020-2025) & (Units)

Table 133. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity by Country (2026-2031) & (Units)

Table 134. Middle East & Africa IoT Gas Monitoring Equipment Consumption Value by Country (2020-2025) & (USD Million)

Table 135. Middle East & Africa IoT Gas Monitoring Equipment Consumption Value by Country (2026-2031) & (USD Million)

Table 136. IoT Gas Monitoring Equipment Raw Material

Table 137. Key Manufacturers of IoT Gas Monitoring Equipment Raw Materials

Table 138. IoT Gas Monitoring Equipment Typical Distributors

Table 139. IoT Gas Monitoring Equipment Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. IoT Gas Monitoring Equipment Picture
- Figure 2. Global IoT Gas Monitoring Equipment Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global IoT Gas Monitoring Equipment Revenue Market Share by Type in 2024
- Figure 4. Wired Connection Examples
- Figure 5. Wireless Connection Examples
- Figure 6. Global IoT Gas Monitoring Equipment Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 7. Global IoT Gas Monitoring Equipment Revenue Market Share by Application in 2024
- Figure 8. Industry Examples
- Figure 9. Environmental Protection Examples
- Figure 10. Energy Examples
- Figure 11. Home Examples
- Figure 12. Other Examples
- Figure 13. Global IoT Gas Monitoring Equipment Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 14. Global IoT Gas Monitoring Equipment Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 15. Global IoT Gas Monitoring Equipment Sales Quantity (2020-2031) & (Units)
- Figure 16. Global IoT Gas Monitoring Equipment Price (2020-2031) & (K US\$/Unit)
- Figure 17. Global IoT Gas Monitoring Equipment Sales Quantity Market Share by Manufacturer in 2024
- Figure 18. Global IoT Gas Monitoring Equipment Revenue Market Share by Manufacturer in 2024
- Figure 19. Producer Shipments of IoT Gas Monitoring Equipment by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 20. Top 3 IoT Gas Monitoring Equipment Manufacturer (Revenue) Market Share in 2024
- Figure 21. Top 6 IoT Gas Monitoring Equipment Manufacturer (Revenue) Market Share in 2024
- Figure 22. Global IoT Gas Monitoring Equipment Sales Quantity Market Share by Region (2020-2031)
- Figure 23. Global IoT Gas Monitoring Equipment Consumption Value Market Share by Region (2020-2031)

Figure 24. North America IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 27. South America IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 29. Global IoT Gas Monitoring Equipment Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global IoT Gas Monitoring Equipment Consumption Value Market Share by Type (2020-2031)

Figure 31. Global IoT Gas Monitoring Equipment Average Price by Type (2020-2031) & (K US\$/Unit)

Figure 32. Global IoT Gas Monitoring Equipment Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global IoT Gas Monitoring Equipment Revenue Market Share by Application (2020-2031)

Figure 34. Global IoT Gas Monitoring Equipment Average Price by Application (2020-2031) & (K US\$/Unit)

Figure 35. North America IoT Gas Monitoring Equipment Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America IoT Gas Monitoring Equipment Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America IoT Gas Monitoring Equipment Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America IoT Gas Monitoring Equipment Consumption Value Market Share by Country (2020-2031)

Figure 39. United States IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe IoT Gas Monitoring Equipment Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe IoT Gas Monitoring Equipment Sales Quantity Market Share by

Application (2020-2031)

Figure 44. Europe IoT Gas Monitoring Equipment Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe IoT Gas Monitoring Equipment Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 47. France IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific IoT Gas Monitoring Equipment Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific IoT Gas Monitoring Equipment Consumption Value Market Share by Region (2020-2031)

Figure 55. China IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 58. India IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)

Figure 61. South America IoT Gas Monitoring Equipment Sales Quantity Market Share by Type (2020-2031)

Figure 62. South America IoT Gas Monitoring Equipment Sales Quantity Market Share by Application (2020-2031)

- Figure 63. South America IoT Gas Monitoring Equipment Sales Quantity Market Share by Country (2020-2031)
- Figure 64. South America IoT Gas Monitoring Equipment Consumption Value Market Share by Country (2020-2031)
- Figure 65. Brazil IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)
- Figure 66. Argentina IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)
- Figure 67. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity Market Share by Type (2020-2031)
- Figure 68. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity Market Share by Application (2020-2031)
- Figure 69. Middle East & Africa IoT Gas Monitoring Equipment Sales Quantity Market Share by Country (2020-2031)
- Figure 70. Middle East & Africa IoT Gas Monitoring Equipment Consumption Value Market Share by Country (2020-2031)
- Figure 71. Turkey IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)
- Figure 72. Egypt IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)
- Figure 73. Saudi Arabia IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)
- Figure 74. South Africa IoT Gas Monitoring Equipment Consumption Value (2020-2031) & (USD Million)
- Figure 75. IoT Gas Monitoring Equipment Market Drivers
- Figure 76. IoT Gas Monitoring Equipment Market Restraints
- Figure 77. IoT Gas Monitoring Equipment Market Trends
- Figure 78. Porters Five Forces Analysis
- Figure 79. Manufacturing Cost Structure Analysis of IoT Gas Monitoring Equipment in 2024
- Figure 80. Manufacturing Process Analysis of IoT Gas Monitoring Equipment
- Figure 81. IoT Gas Monitoring Equipment Industrial Chain
- Figure 82. Sales Channel: Direct to End-User vs Distributors
- Figure 83. Direct Channel Pros & Cons
- Figure 84. Indirect Channel Pros & Cons
- Figure 85. Methodology
- Figure 86. Research Process and Data Source

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