

# Global LoRaWAN Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G5BBE7ED639FEN.html

Date: June 2023 Pages: 104 Price: US\$ 3,480.00 (Single User License) ID: G5BBE7ED639FEN

# Abstracts

According to our (Global Info Research) latest study, the global LoRaWAN Sensor market size was valued at USD 150.4 million in 2022 and is forecast to a readjusted size of USD 335.7 million by 2029 with a CAGR of 12.2% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global LoRaWAN Sensor 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 2023, are provided.

Key Features:

Global LoRaWAN Sensor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global LoRaWAN Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global LoRaWAN Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices



(US\$/Unit), 2018-2029

Global LoRaWAN Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 LoRaWAN Sensor

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 LoRaWAN Sensor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ellenex, Radio Bridge, Milesight, Elektroniksystem i Ume? AB and Laird Connectivity, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

LoRaWAN Sensor 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. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Temperature and Humidity Sensor

Gas Sensor

Other



Market segment by Application

**Environmental Monitoring** 

Smart Agriculture

Smart Healthcare

Smart Building

Other

Major players covered

Ellenex

Radio Bridge

Milesight

Elektroniksystem i Ume? AB

Laird Connectivity

MOKOLoRa

Libelium

Dragino

Adeunis

Tektelic

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 LoRaWAN Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LoRaWAN Sensor, with price, sales, revenue and global market share of LoRaWAN Sensor from 2018 to 2023.

Chapter 3, the LoRaWAN Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the LoRaWAN Sensor 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 LoRaWAN Sensor market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of LoRaWAN Sensor.

Global LoRaWAN Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029



Chapter 14 and 15, to describe LoRaWAN Sensor sales channel, distributors, customers, research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

- 1.1 Product Overview and Scope of LoRaWAN Sensor
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
- 1.3.1 Overview: Global LoRaWAN Sensor Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Temperature and Humidity Sensor
  - 1.3.3 Gas Sensor
  - 1.3.4 Other
- 1.4 Market Analysis by Application
- 1.4.1 Overview: Global LoRaWAN Sensor Consumption Value by Application: 2018
- Versus 2022 Versus 2029
  - 1.4.2 Environmental Monitoring
  - 1.4.3 Smart Agriculture
  - 1.4.4 Smart Healthcare
  - 1.4.5 Smart Building
  - 1.4.6 Other
- 1.5 Global LoRaWAN Sensor Market Size & Forecast
- 1.5.1 Global LoRaWAN Sensor Consumption Value (2018 & 2022 & 2029)
- 1.5.2 Global LoRaWAN Sensor Sales Quantity (2018-2029)
- 1.5.3 Global LoRaWAN Sensor Average Price (2018-2029)

# **2 MANUFACTURERS PROFILES**

- 2.1 Ellenex
  - 2.1.1 Ellenex Details
  - 2.1.2 Ellenex Major Business
  - 2.1.3 Ellenex LoRaWAN Sensor Product and Services
- 2.1.4 Ellenex LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Ellenex Recent Developments/Updates
- 2.2 Radio Bridge
  - 2.2.1 Radio Bridge Details
  - 2.2.2 Radio Bridge Major Business
  - 2.2.3 Radio Bridge LoRaWAN Sensor Product and Services
  - 2.2.4 Radio Bridge LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross



Margin and Market Share (2018-2023)

2.2.5 Radio Bridge Recent Developments/Updates

2.3 Milesight

- 2.3.1 Milesight Details
- 2.3.2 Milesight Major Business
- 2.3.3 Milesight LoRaWAN Sensor Product and Services

2.3.4 Milesight LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2018-2023)

2.3.5 Milesight Recent Developments/Updates

2.4 Elektroniksystem i Ume? AB

2.4.1 Elektroniksystem i Ume? AB Details

2.4.2 Elektroniksystem i Ume? AB Major Business

2.4.3 Elektroniksystem i Ume? AB LoRaWAN Sensor Product and Services

2.4.4 Elektroniksystem i Ume? AB LoRaWAN Sensor Sales Quantity, Average Price,

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

2.4.5 Elektroniksystem i Ume? AB Recent Developments/Updates

2.5 Laird Connectivity

- 2.5.1 Laird Connectivity Details
- 2.5.2 Laird Connectivity Major Business
- 2.5.3 Laird Connectivity LoRaWAN Sensor Product and Services
- 2.5.4 Laird Connectivity LoRaWAN Sensor Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

2.5.5 Laird Connectivity Recent Developments/Updates

2.6 MOKOLoRa

2.6.1 MOKOLoRa Details

2.6.2 MOKOLoRa Major Business

2.6.3 MOKOLoRa LoRaWAN Sensor Product and Services

2.6.4 MOKOLoRa LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 MOKOLoRa Recent Developments/Updates

2.7 Libelium

- 2.7.1 Libelium Details
- 2.7.2 Libelium Major Business
- 2.7.3 Libelium LoRaWAN Sensor Product and Services

2.7.4 Libelium LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Libelium Recent Developments/Updates

2.8 Dragino

2.8.1 Dragino Details



- 2.8.2 Dragino Major Business
- 2.8.3 Dragino LoRaWAN Sensor Product and Services
- 2.8.4 Dragino LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2018-2023)

2.8.5 Dragino Recent Developments/Updates

2.9 Adeunis

- 2.9.1 Adeunis Details
- 2.9.2 Adeunis Major Business
- 2.9.3 Adeunis LoRaWAN Sensor Product and Services
- 2.9.4 Adeunis LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross
- Margin and Market Share (2018-2023)
- 2.9.5 Adeunis Recent Developments/Updates

2.10 Tektelic

- 2.10.1 Tektelic Details
- 2.10.2 Tektelic Major Business
- 2.10.3 Tektelic LoRaWAN Sensor Product and Services
- 2.10.4 Tektelic LoRaWAN Sensor Sales Quantity, Average Price, Revenue, Gross
- Margin and Market Share (2018-2023)
- 2.10.5 Tektelic Recent Developments/Updates

# **3 COMPETITIVE ENVIRONMENT: LORAWAN SENSOR BY MANUFACTURER**

- 3.1 Global LoRaWAN Sensor Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global LoRaWAN Sensor Revenue by Manufacturer (2018-2023)
- 3.3 Global LoRaWAN Sensor Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of LoRaWAN Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

- 3.4.2 Top 3 LoRaWAN Sensor Manufacturer Market Share in 2022
- 3.4.2 Top 6 LoRaWAN Sensor Manufacturer Market Share in 2022

3.5 LoRaWAN Sensor Market: Overall Company Footprint Analysis

- 3.5.1 LoRaWAN Sensor Market: Region Footprint
- 3.5.2 LoRaWAN Sensor Market: Company Product Type Footprint
- 3.5.3 LoRaWAN Sensor 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 LoRaWAN Sensor Market Size by Region
- 4.1.1 Global LoRaWAN Sensor Sales Quantity by Region (2018-2029)
- 4.1.2 Global LoRaWAN Sensor Consumption Value by Region (2018-2029)
- 4.1.3 Global LoRaWAN Sensor Average Price by Region (2018-2029)
- 4.2 North America LoRaWAN Sensor Consumption Value (2018-2029)
- 4.3 Europe LoRaWAN Sensor Consumption Value (2018-2029)
- 4.4 Asia-Pacific LoRaWAN Sensor Consumption Value (2018-2029)
- 4.5 South America LoRaWAN Sensor Consumption Value (2018-2029)
- 4.6 Middle East and Africa LoRaWAN Sensor Consumption Value (2018-2029)

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

- 5.1 Global LoRaWAN Sensor Sales Quantity by Type (2018-2029)
- 5.2 Global LoRaWAN Sensor Consumption Value by Type (2018-2029)
- 5.3 Global LoRaWAN Sensor Average Price by Type (2018-2029)

#### 6 MARKET SEGMENT BY APPLICATION

- 6.1 Global LoRaWAN Sensor Sales Quantity by Application (2018-2029)
- 6.2 Global LoRaWAN Sensor Consumption Value by Application (2018-2029)
- 6.3 Global LoRaWAN Sensor Average Price by Application (2018-2029)

# **7 NORTH AMERICA**

- 7.1 North America LoRaWAN Sensor Sales Quantity by Type (2018-2029)
- 7.2 North America LoRaWAN Sensor Sales Quantity by Application (2018-2029)
- 7.3 North America LoRaWAN Sensor Market Size by Country
- 7.3.1 North America LoRaWAN Sensor Sales Quantity by Country (2018-2029)
- 7.3.2 North America LoRaWAN Sensor 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 LoRaWAN Sensor Sales Quantity by Type (2018-2029)
- 8.2 Europe LoRaWAN Sensor Sales Quantity by Application (2018-2029)
- 8.3 Europe LoRaWAN Sensor Market Size by Country
  - 8.3.1 Europe LoRaWAN Sensor Sales Quantity by Country (2018-2029)



- 8.3.2 Europe LoRaWAN Sensor 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 LoRaWAN Sensor Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific LoRaWAN Sensor Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific LoRaWAN Sensor Market Size by Region
- 9.3.1 Asia-Pacific LoRaWAN Sensor Sales Quantity by Region (2018-2029)
- 9.3.2 Asia-Pacific LoRaWAN Sensor 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 LoRaWAN Sensor Sales Quantity by Type (2018-2029)
- 10.2 South America LoRaWAN Sensor Sales Quantity by Application (2018-2029)
- 10.3 South America LoRaWAN Sensor Market Size by Country
- 10.3.1 South America LoRaWAN Sensor Sales Quantity by Country (2018-2029)
- 10.3.2 South America LoRaWAN Sensor 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 LoRaWAN Sensor Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa LoRaWAN Sensor Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa LoRaWAN Sensor Market Size by Country
- 11.3.1 Middle East & Africa LoRaWAN Sensor Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa LoRaWAN Sensor 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 LoRaWAN Sensor Market Drivers
- 12.2 LoRaWAN Sensor Market Restraints
- 12.3 LoRaWAN Sensor 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
- 12.5 Influence of COVID-19 and Russia-Ukraine War
- 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

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

- 13.1 Raw Material of LoRaWAN Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of LoRaWAN Sensor
- 13.3 LoRaWAN Sensor Production Process
- 13.4 LoRaWAN Sensor Industrial Chain

#### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
- 14.1.1 Direct to End-User
- 14.1.2 Distributors
- 14.2 LoRaWAN Sensor Typical Distributors
- 14.3 LoRaWAN Sensor Typical Customers

# 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**



16.1 Methodology16.2 Research Process and Data Source16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global LoRaWAN Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029 Table 2. Global LoRaWAN Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029 Table 3. Ellenex Basic Information, Manufacturing Base and Competitors Table 4. Ellenex Major Business Table 5. Ellenex LoRaWAN Sensor Product and Services Table 6. Ellenex LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 7. Ellenex Recent Developments/Updates Table 8. Radio Bridge Basic Information, Manufacturing Base and Competitors Table 9. Radio Bridge Major Business Table 10. Radio Bridge LoRaWAN Sensor Product and Services Table 11. Radio Bridge LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 12. Radio Bridge Recent Developments/Updates Table 13. Milesight Basic Information, Manufacturing Base and Competitors Table 14. Milesight Major Business Table 15. Milesight LoRaWAN Sensor Product and Services Table 16. Milesight LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 17. Milesight Recent Developments/Updates Table 18. Elektroniksystem i Ume? AB Basic Information, Manufacturing Base and Competitors Table 19. Elektroniksystem i Ume? AB Major Business Table 20. Elektroniksystem i Ume? AB LoRaWAN Sensor Product and Services

Table 21. Elektroniksystem i Ume? AB LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Elektroniksystem i Ume? AB Recent Developments/Updates

Table 23. Laird Connectivity Basic Information, Manufacturing Base and Competitors

Table 24. Laird Connectivity Major Business

Table 25. Laird Connectivity LoRaWAN Sensor Product and Services

Table 26. Laird Connectivity LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



Table 27. Laird Connectivity Recent Developments/Updates Table 28. MOKOLoRa Basic Information, Manufacturing Base and Competitors Table 29. MOKOLoRa Major Business Table 30. MOKOLoRa LoRaWAN Sensor Product and Services Table 31. MOKOLoRa LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 32. MOKOLoRa Recent Developments/Updates Table 33. Libelium Basic Information, Manufacturing Base and Competitors Table 34. Libelium Major Business Table 35. Libelium LoRaWAN Sensor Product and Services Table 36. Libelium LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 37. Libelium Recent Developments/Updates Table 38. Dragino Basic Information, Manufacturing Base and Competitors Table 39. Dragino Major Business Table 40. Dragino LoRaWAN Sensor Product and Services Table 41. Dragino LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 42. Dragino Recent Developments/Updates Table 43. Adeunis Basic Information, Manufacturing Base and Competitors Table 44. Adeunis Major Business Table 45. Adeunis LoRaWAN Sensor Product and Services Table 46. Adeunis LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 47. Adeunis Recent Developments/Updates Table 48. Tektelic Basic Information, Manufacturing Base and Competitors Table 49. Tektelic Major Business Table 50. Tektelic LoRaWAN Sensor Product and Services Table 51. Tektelic LoRaWAN Sensor Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 52. Tektelic Recent Developments/Updates Table 53. Global LoRaWAN Sensor Sales Quantity by Manufacturer (2018-2023) & (K Units) Table 54. Global LoRaWAN Sensor Revenue by Manufacturer (2018-2023) & (USD Million) Table 55. Global LoRaWAN Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit) Table 56. Market Position of Manufacturers in LoRaWAN Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022



Table 57. Head Office and LoRaWAN Sensor Production Site of Key Manufacturer Table 58. LoRaWAN Sensor Market: Company Product Type Footprint Table 59. LoRaWAN Sensor Market: Company Product Application Footprint Table 60. LoRaWAN Sensor New Market Entrants and Barriers to Market Entry Table 61. LoRaWAN Sensor Mergers, Acquisition, Agreements, and Collaborations Table 62. Global LoRaWAN Sensor Sales Quantity by Region (2018-2023) & (K Units) Table 63. Global LoRaWAN Sensor Sales Quantity by Region (2024-2029) & (K Units) Table 64. Global LoRaWAN Sensor Consumption Value by Region (2018-2023) & (USD Million) Table 65. Global LoRaWAN Sensor Consumption Value by Region (2024-2029) & (USD Million) Table 66. Global LoRaWAN Sensor Average Price by Region (2018-2023) & (US\$/Unit) Table 67. Global LoRaWAN Sensor Average Price by Region (2024-2029) & (US\$/Unit) Table 68. Global LoRaWAN Sensor Sales Quantity by Type (2018-2023) & (K Units) Table 69. Global LoRaWAN Sensor Sales Quantity by Type (2024-2029) & (K Units) Table 70. Global LoRaWAN Sensor Consumption Value by Type (2018-2023) & (USD Million) Table 71. Global LoRaWAN Sensor Consumption Value by Type (2024-2029) & (USD Million) Table 72. Global LoRaWAN Sensor Average Price by Type (2018-2023) & (US\$/Unit) Table 73. Global LoRaWAN Sensor Average Price by Type (2024-2029) & (US\$/Unit) Table 74. Global LoRaWAN Sensor Sales Quantity by Application (2018-2023) & (K Units) Table 75. Global LoRaWAN Sensor Sales Quantity by Application (2024-2029) & (K Units) Table 76. Global LoRaWAN Sensor Consumption Value by Application (2018-2023) & (USD Million) Table 77. Global LoRaWAN Sensor Consumption Value by Application (2024-2029) & (USD Million) Table 78. Global LoRaWAN Sensor Average Price by Application (2018-2023) & (US\$/Unit) Table 79. Global LoRaWAN Sensor Average Price by Application (2024-2029) & (US\$/Unit) Table 80. North America LoRaWAN Sensor Sales Quantity by Type (2018-2023) & (K Units) Table 81. North America LoRaWAN Sensor Sales Quantity by Type (2024-2029) & (K Units) Table 82. North America LoRaWAN Sensor Sales Quantity by Application (2018-2023) & (K Units)



Table 83. North America LoRaWAN Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 84. North America LoRaWAN Sensor Sales Quantity by Country (2018-2023) & (K Units)

Table 85. North America LoRaWAN Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 86. North America LoRaWAN Sensor Consumption Value by Country (2018-2023) & (USD Million)

Table 87. North America LoRaWAN Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 88. Europe LoRaWAN Sensor Sales Quantity by Type (2018-2023) & (K Units) Table 89. Europe LoRaWAN Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 90. Europe LoRaWAN Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 91. Europe LoRaWAN Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 92. Europe LoRaWAN Sensor Sales Quantity by Country (2018-2023) & (K Units) Table 93. Europe LoRaWAN Sensor Sales Quantity by Country (2024-2029) & (K Units)

Table 94. Europe LoRaWAN Sensor Consumption Value by Country (2018-2023) &(USD Million)

Table 95. Europe LoRaWAN Sensor Consumption Value by Country (2024-2029) & (USD Million)

Table 96. Asia-Pacific LoRaWAN Sensor Sales Quantity by Type (2018-2023) & (K Units)

Table 97. Asia-Pacific LoRaWAN Sensor Sales Quantity by Type (2024-2029) & (K Units)

Table 98. Asia-Pacific LoRaWAN Sensor Sales Quantity by Application (2018-2023) & (K Units)

Table 99. Asia-Pacific LoRaWAN Sensor Sales Quantity by Application (2024-2029) & (K Units)

Table 100. Asia-Pacific LoRaWAN Sensor Sales Quantity by Region (2018-2023) & (K Units)

Table 101. Asia-Pacific LoRaWAN Sensor Sales Quantity by Region (2024-2029) & (K Units)

Table 102. Asia-Pacific LoRaWAN Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 103. Asia-Pacific LoRaWAN Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 104. South America LoRaWAN Sensor Sales Quantity by Type (2018-2023) & (K



Units)

Units) Table 106. South America LoRaWAN Sensor Sales Quantity by Application (2018-2023) & (K Units) Table 107. South America LoRaWAN Sensor Sales Quantity by Application (2024-2029) & (K Units) Table 108. South America LoRaWAN Sensor Sales Quantity by Country (2018-2023) & (K Units) Table 109. South America LoRaWAN Sensor Sales Quantity by Country (2024-2029) & (K Units) Table 110. South America LoRaWAN Sensor Consumption Value by Country (2018-2023) & (USD Million) Table 111. South America LoRaWAN Sensor Consumption Value by Country (2024-2029) & (USD Million) Table 112. Middle East & Africa LoRaWAN Sensor Sales Quantity by Type (2018-2023) & (K Units) Table 113. Middle East & Africa LoRaWAN Sensor Sales Quantity by Type (2024-2029) & (K Units) Table 114. Middle East & Africa LoRaWAN Sensor Sales Quantity by Application (2018-2023) & (K Units) Table 115. Middle East & Africa LoRaWAN Sensor Sales Quantity by Application (2024-2029) & (K Units) Table 116. Middle East & Africa LoRaWAN Sensor Sales Quantity by Region (2018-2023) & (K Units) Table 117. Middle East & Africa LoRaWAN Sensor Sales Quantity by Region

Table 105. South America LoRaWAN Sensor Sales Quantity by Type (2024-2029) & (K

(2024-2029) & (K Units)

Table 118. Middle East & Africa LoRaWAN Sensor Consumption Value by Region (2018-2023) & (USD Million)

Table 119. Middle East & Africa LoRaWAN Sensor Consumption Value by Region (2024-2029) & (USD Million)

Table 120. LoRaWAN Sensor Raw Material

Table 121. Key Manufacturers of LoRaWAN Sensor Raw Materials

- Table 122. LoRaWAN Sensor Typical Distributors
- Table 123. LoRaWAN Sensor Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. LoRaWAN Sensor Picture

Figure 2. Global LoRaWAN Sensor Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

- Figure 3. Global LoRaWAN Sensor Consumption Value Market Share by Type in 2022
- Figure 4. Temperature and Humidity Sensor Examples
- Figure 5. Gas Sensor Examples
- Figure 6. Other Examples

Figure 7. Global LoRaWAN Sensor Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 8. Global LoRaWAN Sensor Consumption Value Market Share by Application in 2022

- Figure 9. Environmental Monitoring Examples
- Figure 10. Smart Agriculture Examples
- Figure 11. Smart Healthcare Examples
- Figure 12. Smart Building Examples
- Figure 13. Other Examples

Figure 14. Global LoRaWAN Sensor Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 15. Global LoRaWAN Sensor Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 16. Global LoRaWAN Sensor Sales Quantity (2018-2029) & (K Units)

Figure 17. Global LoRaWAN Sensor Average Price (2018-2029) & (US\$/Unit)

Figure 18. Global LoRaWAN Sensor Sales Quantity Market Share by Manufacturer in 2022

Figure 19. Global LoRaWAN Sensor Consumption Value Market Share by Manufacturer in 2022

Figure 20. Producer Shipments of LoRaWAN Sensor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 21. Top 3 LoRaWAN Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 22. Top 6 LoRaWAN Sensor Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Global LoRaWAN Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 24. Global LoRaWAN Sensor Consumption Value Market Share by Region



(2018-2029)

Figure 25. North America LoRaWAN Sensor Consumption Value (2018-2029) & (USD Million)

Figure 26. Europe LoRaWAN Sensor Consumption Value (2018-2029) & (USD Million)

Figure 27. Asia-Pacific LoRaWAN Sensor Consumption Value (2018-2029) & (USD Million)

Figure 28. South America LoRaWAN Sensor Consumption Value (2018-2029) & (USD Million)

Figure 29. Middle East & Africa LoRaWAN Sensor Consumption Value (2018-2029) & (USD Million)

Figure 30. Global LoRaWAN Sensor Sales Quantity Market Share by Type (2018-2029) Figure 31. Global LoRaWAN Sensor Consumption Value Market Share by Type (2018-2029)

Figure 32. Global LoRaWAN Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 33. Global LoRaWAN Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 34. Global LoRaWAN Sensor Consumption Value Market Share by Application (2018-2029)

Figure 35. Global LoRaWAN Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 36. North America LoRaWAN Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 37. North America LoRaWAN Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 38. North America LoRaWAN Sensor Sales Quantity Market Share by Country (2018-2029)

Figure 39. North America LoRaWAN Sensor Consumption Value Market Share by Country (2018-2029)

Figure 40. United States LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Canada LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Mexico LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Europe LoRaWAN Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 44. Europe LoRaWAN Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 45. Europe LoRaWAN Sensor Sales Quantity Market Share by Country



(2018-2029)

Figure 46. Europe LoRaWAN Sensor Consumption Value Market Share by Country (2018-2029)

Figure 47. Germany LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. France LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. United Kingdom LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Russia LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Italy LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Asia-Pacific LoRaWAN Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 53. Asia-Pacific LoRaWAN Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 54. Asia-Pacific LoRaWAN Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 55. Asia-Pacific LoRaWAN Sensor Consumption Value Market Share by Region (2018-2029)

Figure 56. China LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Japan LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Korea LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. India LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Southeast Asia LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Australia LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. South America LoRaWAN Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 63. South America LoRaWAN Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 64. South America LoRaWAN Sensor Sales Quantity Market Share by Country (2018-2029)



Figure 65. South America LoRaWAN Sensor Consumption Value Market Share by Country (2018-2029)

Figure 66. Brazil LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Argentina LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Middle East & Africa LoRaWAN Sensor Sales Quantity Market Share by Type (2018-2029)

Figure 69. Middle East & Africa LoRaWAN Sensor Sales Quantity Market Share by Application (2018-2029)

Figure 70. Middle East & Africa LoRaWAN Sensor Sales Quantity Market Share by Region (2018-2029)

Figure 71. Middle East & Africa LoRaWAN Sensor Consumption Value Market Share by Region (2018-2029)

Figure 72. Turkey LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Egypt LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Saudi Arabia LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. South Africa LoRaWAN Sensor Consumption Value and Growth Rate (2018-2029) & (USD Million)

- Figure 76. LoRaWAN Sensor Market Drivers
- Figure 77. LoRaWAN Sensor Market Restraints
- Figure 78. LoRaWAN Sensor Market Trends
- Figure 79. Porters Five Forces Analysis
- Figure 80. Manufacturing Cost Structure Analysis of LoRaWAN Sensor in 2022
- Figure 81. Manufacturing Process Analysis of LoRaWAN Sensor
- Figure 82. LoRaWAN Sensor 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 LoRaWAN Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G5BBE7ED639FEN.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

# Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G5BBE7ED639FEN.html</u>

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

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

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



Global LoRaWAN Sensor Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029