

Global Indoor Environment Sensors Market Growth 2025-2031

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Abstracts

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The global PPLN Waveguide Chips market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

Following a strong growth of 26.2 percent in the year 2021, WSTS revised it down to a single digit growth for the worldwide semiconductor market in 2022 with a total size of US\$580 billion, up 4.4 percent. WSTS lowered growth estimation as inflation rises and end markets seeing weaker demand, especially those exposed to consumer spending. While some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.8 percent, Sensors with 16.3 percent, and Logic with 14.5 percent growth. Memory declined with 12.6 percent year over year. In 2022, all geographical regions showed double-digit growth except Asia Pacific. The largest region, Asia Pacific, declined 2.0 percent. Sales in the Americas were US\$142.1 billion, up 17.0% year-on-year, sales in Europe were US\$53.8 billion, up 12.6% year-on-year, and sales in Japan were US\$48.1 billion, up 10.0% year-on-year. However, sales in the largest Asia-Pacific region were US\$336.2 billion, down 2.0% year-on-year.

LP Information, Inc. (LPI) ' newest research report, the "PPLN Waveguide Chips Industry Forecast" looks at past sales and reviews total world PPLN Waveguide Chips sales in 2024, providing a comprehensive analysis by region and market sector of projected PPLN Waveguide Chips sales for 2025 through 2031. With PPLN Waveguide Chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PPLN Waveguide Chips industry.

This Insight Report provides a comprehensive analysis of the global PPLN Waveguide

Chips landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PPLN Waveguide Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PPLN Waveguide Chips market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PPLN Waveguide Chips and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PPLN Waveguide Chips.

This report presents a comprehensive overview, market shares, and growth opportunities of PPLN Waveguide Chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Proton in-diffused (RPE) Waveguides

Ridge-Waveguides

Segmentation by Application:

5G Communication

Big Data Processing

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

HC Photonics (HCP)

Covesion

GWU-Lasertechnik

Optilab

Yichidianzi

AdvR

Key Questions Addressed in this Report

What is the 10-year outlook for the global PPLN Waveguide Chips market?

What factors are driving PPLN Waveguide Chips market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PPLN Waveguide Chips market opportunities vary by end market size?

How does PPLN Waveguide Chips break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Indoor Environment Sensors Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Indoor Environment Sensors by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Indoor Environment Sensors by Country/Region, 2020, 2024 & 2031

2.2 Indoor Environment Sensors Segment by Type

- 2.2.1 Temperature
- 2.2.2 Humidity
- 2.2.3 Illuminance
- 2.2.4 Thermal Flow
- 2.2.5 Gas

2.3 Indoor Environment Sensors Sales by Type

- 2.3.1 Global Indoor Environment Sensors Sales Market Share by Type (2020-2025)
- 2.3.2 Global Indoor Environment Sensors Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Indoor Environment Sensors Sale Price by Type (2020-2025)

2.4 Indoor Environment Sensors Segment by Application

- 2.4.1 Factory
- 2.4.2 The Mall
- 2.4.3 Office Building
- 2.4.4 Residential Building

2.5 Indoor Environment Sensors Sales by Application

- 2.5.1 Global Indoor Environment Sensors Sale Market Share by Application

(2020-2025)

2.5.2 Global Indoor Environment Sensors Revenue and Market Share by Application

(2020-2025)

2.5.3 Global Indoor Environment Sensors Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Indoor Environment Sensors Breakdown Data by Company

3.1.1 Global Indoor Environment Sensors Annual Sales by Company (2020-2025)

3.1.2 Global Indoor Environment Sensors Sales Market Share by Company

(2020-2025)

3.2 Global Indoor Environment Sensors Annual Revenue by Company (2020-2025)

3.2.1 Global Indoor Environment Sensors Revenue by Company (2020-2025)

3.2.2 Global Indoor Environment Sensors Revenue Market Share by Company

(2020-2025)

3.3 Global Indoor Environment Sensors Sale Price by Company

3.4 Key Manufacturers Indoor Environment Sensors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Indoor Environment Sensors Product Location Distribution

3.4.2 Players Indoor Environment Sensors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR INDOOR ENVIRONMENT SENSORS BY GEOGRAPHIC REGION

4.1 World Historic Indoor Environment Sensors Market Size by Geographic Region (2020-2025)

4.1.1 Global Indoor Environment Sensors Annual Sales by Geographic Region

(2020-2025)

4.1.2 Global Indoor Environment Sensors Annual Revenue by Geographic Region

(2020-2025)

4.2 World Historic Indoor Environment Sensors Market Size by Country/Region (2020-2025)

4.2.1 Global Indoor Environment Sensors Annual Sales by Country/Region

(2020-2025)

4.2.2 Global Indoor Environment Sensors Annual Revenue by Country/Region (2020-2025)

4.3 Americas Indoor Environment Sensors Sales Growth

4.4 APAC Indoor Environment Sensors Sales Growth

4.5 Europe Indoor Environment Sensors Sales Growth

4.6 Middle East & Africa Indoor Environment Sensors Sales Growth

5 AMERICAS

5.1 Americas Indoor Environment Sensors Sales by Country

5.1.1 Americas Indoor Environment Sensors Sales by Country (2020-2025)

5.1.2 Americas Indoor Environment Sensors Revenue by Country (2020-2025)

5.2 Americas Indoor Environment Sensors Sales by Type (2020-2025)

5.3 Americas Indoor Environment Sensors Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Indoor Environment Sensors Sales by Region

6.1.1 APAC Indoor Environment Sensors Sales by Region (2020-2025)

6.1.2 APAC Indoor Environment Sensors Revenue by Region (2020-2025)

6.2 APAC Indoor Environment Sensors Sales by Type (2020-2025)

6.3 APAC Indoor Environment Sensors Sales by Application (2020-2025)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Indoor Environment Sensors by Country

7.1.1 Europe Indoor Environment Sensors Sales by Country (2020-2025)

7.1.2 Europe Indoor Environment Sensors Revenue by Country (2020-2025)

- 7.2 Europe Indoor Environment Sensors Sales by Type (2020-2025)
- 7.3 Europe Indoor Environment Sensors Sales by Application (2020-2025)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Indoor Environment Sensors by Country
 - 8.1.1 Middle East & Africa Indoor Environment Sensors Sales by Country (2020-2025)
 - 8.1.2 Middle East & Africa Indoor Environment Sensors Revenue by Country (2020-2025)
- 8.2 Middle East & Africa Indoor Environment Sensors Sales by Type (2020-2025)
- 8.3 Middle East & Africa Indoor Environment Sensors Sales by Application (2020-2025)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Indoor Environment Sensors
- 10.3 Manufacturing Process Analysis of Indoor Environment Sensors
- 10.4 Industry Chain Structure of Indoor Environment Sensors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Indoor Environment Sensors Distributors
- 11.3 Indoor Environment Sensors Customer

12 WORLD FORECAST REVIEW FOR INDOOR ENVIRONMENT SENSORS BY GEOGRAPHIC REGION

- 12.1 Global Indoor Environment Sensors Market Size Forecast by Region
 - 12.1.1 Global Indoor Environment Sensors Forecast by Region (2026-2031)
 - 12.1.2 Global Indoor Environment Sensors Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Indoor Environment Sensors Forecast by Type (2026-2031)
- 12.7 Global Indoor Environment Sensors Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 Honeywell
 - 13.1.1 Honeywell Company Information
 - 13.1.2 Honeywell Indoor Environment Sensors Product Portfolios and Specifications
 - 13.1.3 Honeywell Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 Honeywell Main Business Overview
 - 13.1.5 Honeywell Latest Developments
- 13.2 Siemens
 - 13.2.1 Siemens Company Information
 - 13.2.2 Siemens Indoor Environment Sensors Product Portfolios and Specifications
 - 13.2.3 Siemens Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.2.4 Siemens Main Business Overview
 - 13.2.5 Siemens Latest Developments
- 13.3 Johnson Controls
 - 13.3.1 Johnson Controls Company Information
 - 13.3.2 Johnson Controls Indoor Environment Sensors Product Portfolios and Specifications
 - 13.3.3 Johnson Controls Indoor Environment Sensors Sales, Revenue, Price and

Gross Margin (2020-2025)

13.3.4 Johnson Controls Main Business Overview

13.3.5 Johnson Controls Latest Developments

13.4 Schneider Electric

13.4.1 Schneider Electric Company Information

13.4.2 Schneider Electric Indoor Environment Sensors Product Portfolios and Specifications

13.4.3 Schneider Electric Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Schneider Electric Main Business Overview

13.4.5 Schneider Electric Latest Developments

13.5 HS Control & Systems

13.5.1 HS Control & Systems Company Information

13.5.2 HS Control & Systems Indoor Environment Sensors Product Portfolios and Specifications

13.5.3 HS Control & Systems Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 HS Control & Systems Main Business Overview

13.5.5 HS Control & Systems Latest Developments

13.6 Pressac

13.6.1 Pressac Company Information

13.6.2 Pressac Indoor Environment Sensors Product Portfolios and Specifications

13.6.3 Pressac Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Pressac Main Business Overview

13.6.5 Pressac Latest Developments

13.7 LSI LASTEM

13.7.1 LSI LASTEM Company Information

13.7.2 LSI LASTEM Indoor Environment Sensors Product Portfolios and Specifications

13.7.3 LSI LASTEM Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 LSI LASTEM Main Business Overview

13.7.5 LSI LASTEM Latest Developments

13.8 OpenSensors

13.8.1 OpenSensors Company Information

13.8.2 OpenSensors Indoor Environment Sensors Product Portfolios and Specifications

13.8.3 OpenSensors Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.8.4 OpenSensors Main Business Overview
- 13.8.5 OpenSensors Latest Developments
- 13.9 Halton
 - 13.9.1 Halton Company Information
 - 13.9.2 Halton Indoor Environment Sensors Product Portfolios and Specifications
 - 13.9.3 Halton Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.9.4 Halton Main Business Overview
 - 13.9.5 Halton Latest Developments
- 13.10 Renesas Electronics
 - 13.10.1 Renesas Electronics Company Information
 - 13.10.2 Renesas Electronics Indoor Environment Sensors Product Portfolios and Specifications
 - 13.10.3 Renesas Electronics Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.10.4 Renesas Electronics Main Business Overview
 - 13.10.5 Renesas Electronics Latest Developments
- 13.11 Infineon Technologies
 - 13.11.1 Infineon Technologies Company Information
 - 13.11.2 Infineon Technologies Indoor Environment Sensors Product Portfolios and Specifications
 - 13.11.3 Infineon Technologies Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.11.4 Infineon Technologies Main Business Overview
 - 13.11.5 Infineon Technologies Latest Developments
- 13.12 Agrowtek
 - 13.12.1 Agrowtek Company Information
 - 13.12.2 Agrowtek Indoor Environment Sensors Product Portfolios and Specifications
 - 13.12.3 Agrowtek Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 Agrowtek Main Business Overview
 - 13.12.5 Agrowtek Latest Developments
- 13.13 Berkeley Lab
 - 13.13.1 Berkeley Lab Company Information
 - 13.13.2 Berkeley Lab Indoor Environment Sensors Product Portfolios and Specifications
 - 13.13.3 Berkeley Lab Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.13.4 Berkeley Lab Main Business Overview

13.13.5 Berkeley Lab Latest Developments

13.14 Vicotee

13.14.1 Vicotee Company Information

13.14.2 Vicotee Indoor Environment Sensors Product Portfolios and Specifications

13.14.3 Vicotee Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.14.4 Vicotee Main Business Overview

13.14.5 Vicotee Latest Developments

13.15 Zhengzhou Winsen Electronics Technology

13.15.1 Zhengzhou Winsen Electronics Technology Company Information

13.15.2 Zhengzhou Winsen Electronics Technology Indoor Environment Sensors Product Portfolios and Specifications

13.15.3 Zhengzhou Winsen Electronics Technology Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.15.4 Zhengzhou Winsen Electronics Technology Main Business Overview

13.15.5 Zhengzhou Winsen Electronics Technology Latest Developments

13.16 MCCI

13.16.1 MCCI Company Information

13.16.2 MCCI Indoor Environment Sensors Product Portfolios and Specifications

13.16.3 MCCI Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.16.4 MCCI Main Business Overview

13.16.5 MCCI Latest Developments

13.17 JJS Technical Services

13.17.1 JJS Technical Services Company Information

13.17.2 JJS Technical Services Indoor Environment Sensors Product Portfolios and Specifications

13.17.3 JJS Technical Services Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.17.4 JJS Technical Services Main Business Overview

13.17.5 JJS Technical Services Latest Developments

13.18 Arwin Technology

13.18.1 Arwin Technology Company Information

13.18.2 Arwin Technology Indoor Environment Sensors Product Portfolios and Specifications

13.18.3 Arwin Technology Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.18.4 Arwin Technology Main Business Overview

13.18.5 Arwin Technology Latest Developments

13.19 Metriful

13.19.1 Metriful Company Information

13.19.2 Metriful Indoor Environment Sensors Product Portfolios and Specifications

13.19.3 Metriful Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.19.4 Metriful Main Business Overview

13.19.5 Metriful Latest Developments

13.20 uHoo

13.20.1 uHoo Company Information

13.20.2 uHoo Indoor Environment Sensors Product Portfolios and Specifications

13.20.3 uHoo Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.20.4 uHoo Main Business Overview

13.20.5 uHoo Latest Developments

13.21 VELUX

13.21.1 VELUX Company Information

13.21.2 VELUX Indoor Environment Sensors Product Portfolios and Specifications

13.21.3 VELUX Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.21.4 VELUX Main Business Overview

13.21.5 VELUX Latest Developments

13.22 NorthQ

13.22.1 NorthQ Company Information

13.22.2 NorthQ Indoor Environment Sensors Product Portfolios and Specifications

13.22.3 NorthQ Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.22.4 NorthQ Main Business Overview

13.22.5 NorthQ Latest Developments

13.23 Temco Controls

13.23.1 Temco Controls Company Information

13.23.2 Temco Controls Indoor Environment Sensors Product Portfolios and Specifications

13.23.3 Temco Controls Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.23.4 Temco Controls Main Business Overview

13.23.5 Temco Controls Latest Developments

13.24 FMS Integration

13.24.1 FMS Integration Company Information

13.24.2 FMS Integration Indoor Environment Sensors Product Portfolios and

Specifications

13.24.3 FMS Integration Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.24.4 FMS Integration Main Business Overview

13.24.5 FMS Integration Latest Developments

13.25 Enginko

13.25.1 Enginko Company Information

13.25.2 Enginko Indoor Environment Sensors Product Portfolios and Specifications

13.25.3 Enginko Indoor Environment Sensors Sales, Revenue, Price and Gross Margin (2020-2025)

13.25.4 Enginko Main Business Overview

13.25.5 Enginko Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Indoor Environment Sensors Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Indoor Environment Sensors Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Temperature

Table 4. Major Players of Humidity

Table 5. Major Players of Illuminance

Table 6. Major Players of Thermal Flow

Table 7. Major Players of Gas

Table 8. Global Indoor Environment Sensors Sales by Type (2020-2025) & (K Units)

Table 9. Global Indoor Environment Sensors Sales Market Share by Type (2020-2025)

Table 10. Global Indoor Environment Sensors Revenue by Type (2020-2025) & (\$ million)

Table 11. Global Indoor Environment Sensors Revenue Market Share by Type (2020-2025)

Table 12. Global Indoor Environment Sensors Sale Price by Type (2020-2025) & (US\$/Unit)

Table 13. Global Indoor Environment Sensors Sale by Application (2020-2025) & (K Units)

Table 14. Global Indoor Environment Sensors Sale Market Share by Application (2020-2025)

Table 15. Global Indoor Environment Sensors Revenue by Application (2020-2025) & (\$ million)

Table 16. Global Indoor Environment Sensors Revenue Market Share by Application (2020-2025)

Table 17. Global Indoor Environment Sensors Sale Price by Application (2020-2025) & (US\$/Unit)

Table 18. Global Indoor Environment Sensors Sales by Company (2020-2025) & (K Units)

Table 19. Global Indoor Environment Sensors Sales Market Share by Company (2020-2025)

Table 20. Global Indoor Environment Sensors Revenue by Company (2020-2025) & (\$ millions)

Table 21. Global Indoor Environment Sensors Revenue Market Share by Company (2020-2025)

Table 22. Global Indoor Environment Sensors Sale Price by Company (2020-2025) & (US\$/Unit)

Table 23. Key Manufacturers Indoor Environment Sensors Producing Area Distribution and Sales Area

Table 24. Players Indoor Environment Sensors Products Offered

Table 25. Indoor Environment Sensors Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global Indoor Environment Sensors Sales by Geographic Region (2020-2025) & (K Units)

Table 29. Global Indoor Environment Sensors Sales Market Share Geographic Region (2020-2025)

Table 30. Global Indoor Environment Sensors Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 31. Global Indoor Environment Sensors Revenue Market Share by Geographic Region (2020-2025)

Table 32. Global Indoor Environment Sensors Sales by Country/Region (2020-2025) & (K Units)

Table 33. Global Indoor Environment Sensors Sales Market Share by Country/Region (2020-2025)

Table 34. Global Indoor Environment Sensors Revenue by Country/Region (2020-2025) & (\$ millions)

Table 35. Global Indoor Environment Sensors Revenue Market Share by Country/Region (2020-2025)

Table 36. Americas Indoor Environment Sensors Sales by Country (2020-2025) & (K Units)

Table 37. Americas Indoor Environment Sensors Sales Market Share by Country (2020-2025)

Table 38. Americas Indoor Environment Sensors Revenue by Country (2020-2025) & (\$ millions)

Table 39. Americas Indoor Environment Sensors Sales by Type (2020-2025) & (K Units)

Table 40. Americas Indoor Environment Sensors Sales by Application (2020-2025) & (K Units)

Table 41. APAC Indoor Environment Sensors Sales by Region (2020-2025) & (K Units)

Table 42. APAC Indoor Environment Sensors Sales Market Share by Region (2020-2025)

Table 43. APAC Indoor Environment Sensors Revenue by Region (2020-2025) & (\$

millions)

Table 44. APAC Indoor Environment Sensors Sales by Type (2020-2025) & (K Units)

Table 45. APAC Indoor Environment Sensors Sales by Application (2020-2025) & (K Units)

Table 46. Europe Indoor Environment Sensors Sales by Country (2020-2025) & (K Units)

Table 47. Europe Indoor Environment Sensors Revenue by Country (2020-2025) & (\$ millions)

Table 48. Europe Indoor Environment Sensors Sales by Type (2020-2025) & (K Units)

Table 49. Europe Indoor Environment Sensors Sales by Application (2020-2025) & (K Units)

Table 50. Middle East & Africa Indoor Environment Sensors Sales by Country (2020-2025) & (K Units)

Table 51. Middle East & Africa Indoor Environment Sensors Revenue Market Share by Country (2020-2025)

Table 52. Middle East & Africa Indoor Environment Sensors Sales by Type (2020-2025) & (K Units)

Table 53. Middle East & Africa Indoor Environment Sensors Sales by Application (2020-2025) & (K Units)

Table 54. Key Market Drivers & Growth Opportunities of Indoor Environment Sensors

Table 55. Key Market Challenges & Risks of Indoor Environment Sensors

Table 56. Key Industry Trends of Indoor Environment Sensors

Table 57. Indoor Environment Sensors Raw Material

Table 58. Key Suppliers of Raw Materials

Table 59. Indoor Environment Sensors Distributors List

Table 60. Indoor Environment Sensors Customer List

Table 61. Global Indoor Environment Sensors Sales Forecast by Region (2026-2031) & (K Units)

Table 62. Global Indoor Environment Sensors Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 63. Americas Indoor Environment Sensors Sales Forecast by Country (2026-2031) & (K Units)

Table 64. Americas Indoor Environment Sensors Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 65. APAC Indoor Environment Sensors Sales Forecast by Region (2026-2031) & (K Units)

Table 66. APAC Indoor Environment Sensors Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 67. Europe Indoor Environment Sensors Sales Forecast by Country (2026-2031)

& (K Units)

Table 68. Europe Indoor Environment Sensors Revenue Forecast by Country
(2026-2031) & (\$ millions)

Table 69. Middle East & Africa Indoor Environment Sensors Sales Forecast by Country
(2026-2031) & (K Units)

Table 70. Middle East & Africa Indoor Environment Sensors Revenue Forecast by
Country (2026-2031) & (\$ millions)

Table 71. Global Indoor Environment Sensors Sales Forecast by Type (2026-2031) &
(K Units)

Table 72. Global Indoor Environment Sensors Revenue Forecast by Type (2026-2031)
& (\$ millions)

Table 73. Global Indoor Environment Sensors Sales Forecast by Application
(2026-2031) & (K Units)

Table 74. Global Indoor Environment Sensors Revenue Forecast by Application
(2026-2031) & (\$ millions)

Table 75. Honeywell Basic Information, Indoor Environment Sensors Manufacturing
Base, Sales Area and Its Competitors

Table 76. Honeywell Indoor Environment Sensors Product Portfolios and Specifications

Table 77. Honeywell Indoor Environment Sensors Sales (K Units), Revenue (\$ Million),
Price (US\$/Unit) and Gross Margin (2020-2025)

Table 78. Honeywell Main Business

Table 79. Honeywell Latest Developments

Table 80. Siemens Basic Information, Indoor Environment Sensors Manufacturing
Base, Sales Area and Its Competitors

Table 81. Siemens Indoor Environment Sensors Product Portfolios and Specifications

Table 82. Siemens Indoor Environment Sensors Sales (K Units), Revenue (\$ Million),
Price (US\$/Unit) and Gross Margin (2020-2025)

Table 83. Siemens Main Business

Table 84. Siemens Latest Developments

Table 85. Johnson Controls Basic Information, Indoor Environment Sensors
Manufacturing Base, Sales Area and Its Competitors

Table 86. Johnson Controls Indoor Environment Sensors Product Portfolios and
Specifications

Table 87. Johnson Controls Indoor Environment Sensors Sales (K Units), Revenue (\$
Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 88. Johnson Controls Main Business

Table 89. Johnson Controls Latest Developments

Table 90. Schneider Electric Basic Information, Indoor Environment Sensors
Manufacturing Base, Sales Area and Its Competitors

Table 91. Schneider Electric Indoor Environment Sensors Product Portfolios and Specifications

Table 92. Schneider Electric Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 93. Schneider Electric Main Business

Table 94. Schneider Electric Latest Developments

Table 95. HS Control & Systems Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 96. HS Control & Systems Indoor Environment Sensors Product Portfolios and Specifications

Table 97. HS Control & Systems Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 98. HS Control & Systems Main Business

Table 99. HS Control & Systems Latest Developments

Table 100. Pressac Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 101. Pressac Indoor Environment Sensors Product Portfolios and Specifications

Table 102. Pressac Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 103. Pressac Main Business

Table 104. Pressac Latest Developments

Table 105. LSI LASTEM Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 106. LSI LASTEM Indoor Environment Sensors Product Portfolios and Specifications

Table 107. LSI LASTEM Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 108. LSI LASTEM Main Business

Table 109. LSI LASTEM Latest Developments

Table 110. OpenSensors Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 111. OpenSensors Indoor Environment Sensors Product Portfolios and Specifications

Table 112. OpenSensors Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 113. OpenSensors Main Business

Table 114. OpenSensors Latest Developments

Table 115. Halton Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 116. Halton Indoor Environment Sensors Product Portfolios and Specifications

Table 117. Halton Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 118. Halton Main Business

Table 119. Halton Latest Developments

Table 120. Renesas Electronics Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 121. Renesas Electronics Indoor Environment Sensors Product Portfolios and Specifications

Table 122. Renesas Electronics Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 123. Renesas Electronics Main Business

Table 124. Renesas Electronics Latest Developments

Table 125. Infineon Technologies Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 126. Infineon Technologies Indoor Environment Sensors Product Portfolios and Specifications

Table 127. Infineon Technologies Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 128. Infineon Technologies Main Business

Table 129. Infineon Technologies Latest Developments

Table 130. Agrowtek Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 131. Agrowtek Indoor Environment Sensors Product Portfolios and Specifications

Table 132. Agrowtek Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 133. Agrowtek Main Business

Table 134. Agrowtek Latest Developments

Table 135. Berkeley Lab Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 136. Berkeley Lab Indoor Environment Sensors Product Portfolios and Specifications

Table 137. Berkeley Lab Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 138. Berkeley Lab Main Business

Table 139. Berkeley Lab Latest Developments

Table 140. Vicotee Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 141. Vicotee Indoor Environment Sensors Product Portfolios and Specifications

Table 142. Vicotee Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 143. Vicotee Main Business

Table 144. Vicotee Latest Developments

Table 145. Zhengzhou Winsen Electronics Technology Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 146. Zhengzhou Winsen Electronics Technology Indoor Environment Sensors Product Portfolios and Specifications

Table 147. Zhengzhou Winsen Electronics Technology Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 148. Zhengzhou Winsen Electronics Technology Main Business

Table 149. Zhengzhou Winsen Electronics Technology Latest Developments

Table 150. MCCI Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 151. MCCI Indoor Environment Sensors Product Portfolios and Specifications

Table 152. MCCI Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 153. MCCI Main Business

Table 154. MCCI Latest Developments

Table 155. JJS Technical Services Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 156. JJS Technical Services Indoor Environment Sensors Product Portfolios and Specifications

Table 157. JJS Technical Services Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 158. JJS Technical Services Main Business

Table 159. JJS Technical Services Latest Developments

Table 160. Arwin Technology Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 161. Arwin Technology Indoor Environment Sensors Product Portfolios and Specifications

Table 162. Arwin Technology Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 163. Arwin Technology Main Business

Table 164. Arwin Technology Latest Developments

Table 165. Metriful Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 166. Metriful Indoor Environment Sensors Product Portfolios and Specifications

Table 167. Metriful Indoor Environment Sensors Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2020-2025)

Table 168. Metriful Main Business

Table 169. Metriful Latest Developments

Table 170. uHoo Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 171. uHoo Indoor Environment Sensors Product Portfolios and Specifications

Table 172. uHoo Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 173. uHoo Main Business

Table 174. uHoo Latest Developments

Table 175. VELUX Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 176. VELUX Indoor Environment Sensors Product Portfolios and Specifications

Table 177. VELUX Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 178. VELUX Main Business

Table 179. VELUX Latest Developments

Table 180. NorthQ Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 181. NorthQ Indoor Environment Sensors Product Portfolios and Specifications

Table 182. NorthQ Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 183. NorthQ Main Business

Table 184. NorthQ Latest Developments

Table 185. Temco Controls Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 186. Temco Controls Indoor Environment Sensors Product Portfolios and Specifications

Table 187. Temco Controls Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 188. Temco Controls Main Business

Table 189. Temco Controls Latest Developments

Table 190. FMS Integration Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 191. FMS Integration Indoor Environment Sensors Product Portfolios and Specifications

Table 192. FMS Integration Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 193. FMS Integration Main Business

Table 194. FMS Integration Latest Developments

Table 195. Enginko Basic Information, Indoor Environment Sensors Manufacturing Base, Sales Area and Its Competitors

Table 196. Enginko Indoor Environment Sensors Product Portfolios and Specifications

Table 197. Enginko Indoor Environment Sensors Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 198. Enginko Main Business

Table 199. Enginko Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Indoor Environment Sensors
- Figure 2. Indoor Environment Sensors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Indoor Environment Sensors Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Indoor Environment Sensors Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Indoor Environment Sensors Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Indoor Environment Sensors Sales Market Share by Country/Region (2024)
- Figure 10. Indoor Environment Sensors Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Temperature
- Figure 12. Product Picture of Humidity
- Figure 13. Product Picture of Illuminance
- Figure 14. Product Picture of Thermal Flow
- Figure 15. Product Picture of Gas
- Figure 16. Global Indoor Environment Sensors Sales Market Share by Type in 2025
- Figure 17. Global Indoor Environment Sensors Revenue Market Share by Type (2020-2025)
- Figure 18. Indoor Environment Sensors Consumed in Factory
- Figure 19. Global Indoor Environment Sensors Market: Factory (2020-2025) & (K Units)
- Figure 20. Indoor Environment Sensors Consumed in The Mall
- Figure 21. Global Indoor Environment Sensors Market: The Mall (2020-2025) & (K Units)
- Figure 22. Indoor Environment Sensors Consumed in Office Building
- Figure 23. Global Indoor Environment Sensors Market: Office Building (2020-2025) & (K Units)
- Figure 24. Indoor Environment Sensors Consumed in Residential Building
- Figure 25. Global Indoor Environment Sensors Market: Residential Building (2020-2025) & (K Units)
- Figure 26. Global Indoor Environment Sensors Sale Market Share by Application (2024)
- Figure 27. Global Indoor Environment Sensors Revenue Market Share by Application in 2025

- Figure 28. Indoor Environment Sensors Sales by Company in 2025 (K Units)
- Figure 29. Global Indoor Environment Sensors Sales Market Share by Company in 2025
- Figure 30. Indoor Environment Sensors Revenue by Company in 2025 (\$ millions)
- Figure 31. Global Indoor Environment Sensors Revenue Market Share by Company in 2025
- Figure 32. Global Indoor Environment Sensors Sales Market Share by Geographic Region (2020-2025)
- Figure 33. Global Indoor Environment Sensors Revenue Market Share by Geographic Region in 2025
- Figure 34. Americas Indoor Environment Sensors Sales 2020-2025 (K Units)
- Figure 35. Americas Indoor Environment Sensors Revenue 2020-2025 (\$ millions)
- Figure 36. APAC Indoor Environment Sensors Sales 2020-2025 (K Units)
- Figure 37. APAC Indoor Environment Sensors Revenue 2020-2025 (\$ millions)
- Figure 38. Europe Indoor Environment Sensors Sales 2020-2025 (K Units)
- Figure 39. Europe Indoor Environment Sensors Revenue 2020-2025 (\$ millions)
- Figure 40. Middle East & Africa Indoor Environment Sensors Sales 2020-2025 (K Units)
- Figure 41. Middle East & Africa Indoor Environment Sensors Revenue 2020-2025 (\$ millions)
- Figure 42. Americas Indoor Environment Sensors Sales Market Share by Country in 2025
- Figure 43. Americas Indoor Environment Sensors Revenue Market Share by Country (2020-2025)
- Figure 44. Americas Indoor Environment Sensors Sales Market Share by Type (2020-2025)
- Figure 45. Americas Indoor Environment Sensors Sales Market Share by Application (2020-2025)
- Figure 46. United States Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)
- Figure 47. Canada Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)
- Figure 48. Mexico Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)
- Figure 49. Brazil Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)
- Figure 50. APAC Indoor Environment Sensors Sales Market Share by Region in 2025
- Figure 51. APAC Indoor Environment Sensors Revenue Market Share by Region (2020-2025)
- Figure 52. APAC Indoor Environment Sensors Sales Market Share by Type (2020-2025)
- Figure 53. APAC Indoor Environment Sensors Sales Market Share by Application

(2020-2025)

Figure 54. China Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 55. Japan Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 56. South Korea Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 57. Southeast Asia Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 58. India Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 59. Australia Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 60. China Taiwan Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 61. Europe Indoor Environment Sensors Sales Market Share by Country in 2025

Figure 62. Europe Indoor Environment Sensors Revenue Market Share by Country (2020-2025)

Figure 63. Europe Indoor Environment Sensors Sales Market Share by Type (2020-2025)

Figure 64. Europe Indoor Environment Sensors Sales Market Share by Application (2020-2025)

Figure 65. Germany Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 66. France Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 67. UK Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 68. Italy Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 69. Russia Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 70. Middle East & Africa Indoor Environment Sensors Sales Market Share by Country (2020-2025)

Figure 71. Middle East & Africa Indoor Environment Sensors Sales Market Share by Type (2020-2025)

Figure 72. Middle East & Africa Indoor Environment Sensors Sales Market Share by Application (2020-2025)

Figure 73. Egypt Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 74. South Africa Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 75. Israel Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 76. Turkey Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 77. GCC Countries Indoor Environment Sensors Revenue Growth 2020-2025 (\$ millions)

Figure 78. Manufacturing Cost Structure Analysis of Indoor Environment Sensors in

2025

Figure 79. Manufacturing Process Analysis of Indoor Environment Sensors

Figure 80. Industry Chain Structure of Indoor Environment Sensors

Figure 81. Channels of Distribution

Figure 82. Global Indoor Environment Sensors Sales Market Forecast by Region
(2026-2031)

Figure 83. Global Indoor Environment Sensors Revenue Market Share Forecast by
Region (2026-2031)

Figure 84. Global Indoor Environment Sensors Sales Market Share Forecast by Type
(2026-2031)

Figure 85. Global Indoor Environment Sensors Revenue Market Share Forecast by
Type (2026-2031)

Figure 86. Global Indoor Environment Sensors Sales Market Share Forecast by
Application (2026-2031)

Figure 87. Global Indoor Environment Sensors Revenue Market Share Forecast by
Application (2026-2031)

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