

# Global Indoor NDIR CO2 Sensor Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G9D453E892B7EN.html>

Date: November 2025

Pages: 111

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

ID: G9D453E892B7EN

## Abstracts

According to our (Global Info Research) latest study, the global Indoor NDIR CO2 Sensor market size was valued at US\$ 450 million in 2024 and is forecast to a readjusted size of USD 685 million by 2031 with a CAGR of 6.2% 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.

Indoor NDIR CO<sub>2</sub> Sensor is a carbon dioxide detection device based on Non-Dispersive Infrared (NDIR) technology, specifically designed for indoor air quality monitoring. It measures CO<sub>2</sub> concentration by detecting the absorption of infrared light at a specific wavelength corresponding to CO<sub>2</sub> molecules. These sensors offer fast response, high stability, strong anti-interference performance, and long service life.

This report is a detailed and comprehensive analysis for global Indoor NDIR CO<sub>2</sub> 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 2025, are provided.

## Key Features:

Global Indoor NDIR CO<sub>2</sub> Sensor market size and forecasts, in consumption value (\$

Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Indoor NDIR CO2 Sensor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Indoor NDIR CO2 Sensor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Indoor NDIR CO2 Sensor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (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 Indoor NDIR CO2 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 Indoor NDIR CO2 Sensor 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 Murata, AKM, Dynament, TDK, Cubic Sensor and Instrument, ADEUNIS, Honeywell, Aldes Group, ASTREL GROUP SRL, BlueSens gas sensor GmbH, etc.

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

### **Market Segmentation**

Indoor NDIR CO2 Sensor 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**

Single-Beam Single-Wavelength Type

Dual-Beam Dual-Wavelength Type

Others

#### Market segment by Application

Household Air Conditioner

Commercial Air Conditioner

#### Major players covered

Murata

AKM

Dynament

TDK

Cubic Sensor and Instrument

ADEUNIS

Honeywell

Aldes Group

ASTREL GROUP SRL

BlueSens gas sensor GmbH

British Rototherm Co. Ltd

E+E ELEKTRONIK

## Figaro

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 Indoor NDIR CO2 Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Indoor NDIR CO2 Sensor, with price, sales quantity, revenue, and global market share of Indoor NDIR CO2 Sensor from 2020 to 2025.

Chapter 3, the Indoor NDIR CO2 Sensor competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Indoor NDIR CO2 Sensor 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 Indoor NDIR CO2 Sensor 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 Indoor NDIR CO2 Sensor.

Chapter 14 and 15, to describe Indoor NDIR CO2 Sensor sales channel, distributors, customers, research findings and conclusion.

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