

Global NDIR Sensors Market Research Report 2022

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Abstracts

The global NDIR Sensors market was valued at 340.55 Million USD in 2021 and will grow with a CAGR of 7.65% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Infrared (IR) techniques are very popular in gas detection technology since many gases have characteristic vibration/rotation absorption spectra with narrow, non-overlapping bands in the infrared spectrum between 2 μ m and 20 μ m. Key to this process is the selection of the correct absorption wavelength for measurement. The wavelengths from the optical source can be separated spatially using prisms or diffraction gratings. The NDIR Sensors industry concentration is not high; there are several hundreds of manufacturers in the world with top 2 companies' market share standing at slightly over 3% and most others' no more than 1%. The market of Asia-Pacific, North America and Europe will play a decisive role in the future of this industry. Asia-Pacific have a larger consumption market share in 2020 which account for less than 40% of volume share and will witness a stable growth in following years. North America and Europe holding a market value share of around 30% and 20% respectively will still play an important role which cannot be ignored. Residential and commercial security with a market share of over a half is the dominant target area for this product.

By Market Vendors:

Amphenol Advanced Sensors

Senseair (Asahi Kasei Microdevices)

Murata

Sensirion

MKS Instruments

Vaisala

Teledyne API

Honeywell

ELT SENSOR

E+E

Dwyer Instruments

Trane

Micro-Hybrid

Edinburgh Instruments

Alphasense

Cubic Sensor and Instrument Co.,Ltd

Nano Environmental Technology S.r.l. (N.E.T.)

Super Systems

ORIENTAL SYSTEM TECHNOLOGY INC.

smartGAS Mikrosensorik GmbH

SST Sensing Ltd Company

Figaro Engineering Inc

Winsen

By Types:

NDIR CO₂ Sensors

NDIR Methane (CH₄) Gas Sensors

NDIR CO Sensors

NDIR Propane Gas Sensors

NDIR Refrigerant Gases Sensors

NDIR Ethylene Gases Sensors

NDIR SF₆ Infrared Sensors

By Applications:

Industrial Safety

Environmental Protection Industry

Medical Industry

Residential and Commercial Security

Power Industry

Automobile Industry

Research Institutions

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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