+357 96 030922
info@marketpublishers.com

Global Non-Dispersive Infrared Absorption Sensors Market Growth 2026-2032

https://marketpublishers.com/r/G8DDA869C1F2EN.html
Date: October 2026
Pages: 150
Price: US$ 3,660.00 (Single User License)
ID: G8DDA869C1F2EN

Abstracts

The global Non-Dispersive Infrared Absorption Sensors market size is predicted to grow from US$ 996 million in 2025 to US$ 1678 million in 2032; it is expected to grow at a CAGR of 7.8% from 2026 to 2032.

Non-Dispersive Infrared (NDIR) Absorption Sensors are devices used to measure the concentration of specific gases in a sample by analyzing their absorption of infrared (IR) light. These sensors operate on the principle that gas molecules absorb IR light at characteristic wavelengths unique to each type of gas.

Key Findings

Carbon dioxide measurement remains the largest and most standardized application for NDIR Gas Sensors

Asia Pacific provides the broadest combined base of sensor manufacturing HVAC production and downstream electronics integration

Miniaturization lower power consumption and long-term calibration stability define the principal technology roadmap

Refrigerant leak detection is emerging as a high-value application across stationary and mobile air-conditioning systems

Optical design calibration algorithms and application qualification determine sustainable supplier differentiation

+357 96 030922
info@marketpublishers.com

Market Trends

Non-Dispersive Infrared Absorption Sensors are moving from relatively large optical modules toward compact, digitally calibrated components suitable for direct integration into connected equipment. Shorter folded optical paths, miniaturized emitters and detectors, improved narrowband filters and application-specific signal-processing algorithms are reducing package size without sacrificing measurement range. Low-power solid-state infrared sources are also extending NDIR technology into battery-operated monitors and portable devices. Recent product development emphasizes automatic baseline correction, temperature and pressure compensation, contamination diagnostics and reference-channel architectures that maintain accuracy over longer operating periods. Senseair S12 SST ExplorIR-M Customer requirements are simultaneously shifting from a standalone concentration reading toward pre-calibrated modules with digital interfaces, event detection, sensor-health information and simplified field replacement. Multi-gas optical platforms and combined temperature, humidity and particulate sensing are becoming more relevant where equipment manufacturers seek fewer components, lower integration costs and richer environmental data.

Market Dynamics

Drivers

Demand is supported by the expanding use of gas concentration data in smart ventilation, indoor air quality management, industrial safety and automated process control. Buildings increasingly require reliable carbon dioxide measurement to adjust fresh-air supply according to occupancy, while factories, mines, energy facilities and storage environments require continuous detection of combustible or process gases. Refrigeration and air-conditioning systems are creating additional demand as equipment manufacturers adopt new refrigerants and strengthen leakage monitoring. Automotive cabin management, mobile air-conditioning, medical gas analysis, controlled-atmosphere food processing and greenhouse cultivation further broaden the addressable application base. NDIR technology benefits from its gas selectivity, non-consuming optical measurement principle, long operating life and comparatively limited dependence on chemical reactions, making it attractive where stable measurements and low maintenance are more important than the lowest initial sensor cost.

Restraints

The principal limitation is the cost and engineering complexity of the optical system.

+357 96 030922
info@marketpublishers.com

Infrared emitters, detectors, narrowband filters, precision optical chambers and calibration processes generally produce a higher bill of materials than basic semiconductor or electrochemical alternatives. Compact sensor designs also face a trade-off between optical-path length, detection limit, response time and package size. Dust, condensation, optical contamination, vibration and large changes in temperature or pressure can affect received infrared energy and require additional compensation or protective structures. Some applications demand multi-point gas calibration, traceability and long qualification cycles, raising production and inventory costs. Low-power designs may sacrifice sampling frequency or response speed, while high-speed and high-concentration products require stronger emitters and more sophisticated signal processing. These factors can limit adoption in highly price-sensitive consumer products and short-life equipment.

Opportunities

Refrigerant monitoring is becoming one of the most attractive expansion areas for Non-Dispersive Infrared Absorption Sensors. The transition toward lower-global-warming-potential refrigerants is increasing the use of mildly flammable, flammable and high-pressure alternatives, strengthening the need for gas-specific leakage detection in heat pumps, chillers, commercial refrigeration and vehicle air-conditioning. The European Union’s updated F-gas framework reinforces equipment transition and leakage-management requirements. European Commission F-gas legislation Additional opportunities arise from low-power carbon dioxide sensing in wireless building controls, portable monitors, transportation and distributed agricultural systems. Suppliers can also create value through configurable optical platforms, multi-gas modules, embedded diagnostics and calibration software that allow one hardware architecture to serve multiple end markets. Integration with equipment controllers and cloud-based maintenance platforms could shift part of the value proposition from individual sensing components toward lifecycle monitoring and predictive maintenance.

Challenges

Suppliers must balance performance improvement with aggressive price competition and shorter customer development cycles. Product specifications measured under controlled laboratory conditions may not translate directly into stable field performance when sensors encounter mixed gases, condensation, aerosols, pressure changes or irregular airflow. Achieving consistent calibration across high-volume production therefore remains a major manufacturing challenge. Application-specific safety standards, hazardous-area approvals, automotive qualification and medical-device requirements can lengthen commercialization cycles and restrict the transfer of one

+357 96 030922
info@marketpublishers.com

sensor platform between markets. Competition from photoacoustic, metal-oxide, electrochemical, catalytic and tunable-laser technologies also varies by gas and measuring range. Long-term success requires suppliers to control critical optical components, maintain calibration traceability, provide application engineering and demonstrate field reliability rather than relying solely on nominal accuracy. Supply concentration in infrared filters, emitters and specialized detectors can further expose manufacturers to lead-time and cost volatility.

Industry Chain Analysis

The upstream chain comprises infrared emitters, thermopile or pyroelectric detectors, infrared photodiodes, narrowband optical filters, reflectors, optical-grade plastics or metal chambers, ASICs, microcontrollers, substrates, connectors and protective membranes. Component selection determines target-gas selectivity, power consumption, response speed and long-term drift. Narrowband filters and detectors are particularly important because their spectral characteristics must align with the absorption band of the measured gas. Optical chamber geometry and surface treatment influence effective path length and signal strength, while electronic components support amplification, compensation, communication and diagnostics. Upstream cost pressure is therefore concentrated in specialized optical components rather than ordinary mechanical packaging.

Midstream manufacturers perform optical design, sensor assembly, firmware development, gas calibration, environmental compensation and reliability qualification. Value creation is highest where the supplier combines proprietary optical architecture with automated calibration capability and application-specific algorithms. Downstream customers integrate sensors into HVAC controls, air quality instruments, gas alarms, refrigeration equipment, automotive systems, medical analyzers, agricultural controllers and industrial instruments. Profitability generally depends on the balance between production scale and product specialization: standardized carbon dioxide modules benefit from volume and automated calibration, whereas industrial, refrigerant and multi-gas products command greater value through ruggedization, certification, customization and technical support.

Segment Insights

Carbon dioxide sensors form the broadest product segment because they serve high-volume applications such as ventilation control, indoor air quality monitoring, horticulture, healthcare and food processing. This segment increasingly emphasizes

+357 96 030922
info@marketpublishers.com

compact packaging, low power consumption, automatic calibration and standardized digital interfaces. Hydrocarbon, methane and refrigerant sensors address smaller but higher-value applications where safety certification, rapid response, environmental resistance and target-gas selectivity have greater importance. Industrial products for sulfur hexafluoride, nitrous oxide and other specialty gases are more customized and typically require application-specific optical filters, measuring ranges and calibration procedures.

Product architecture is also differentiating the market. Single-channel designs prioritize cost and size, while dual-channel or reference-channel configurations improve resistance to emitter aging, contamination and optical degradation. Single-gas modules remain the mainstream choice when selectivity and simple qualification are critical, but multi-gas NDIR platforms are gaining relevance in automotive, refrigeration, medical and industrial systems seeking to reduce component count. The commercial opportunity is consequently shifting from supplying a basic sensing element toward providing a calibrated module with embedded compensation, diagnostics, firmware and communication functions.

Downstream Market Opportunities

The largest downstream opportunity remains the integration of carbon dioxide sensing into HVAC, building automation and indoor environmental monitoring, where sensors enable occupancy-responsive ventilation and continuous air-quality management. Higher-value opportunities are developing in refrigerant leakage detection, industrial gas safety and automotive thermal-management systems because these applications require faster alarms, greater environmental robustness and closer coordination with equipment control logic. Healthcare applications need rapid and repeatable carbon dioxide measurement for respiratory and medical-gas equipment, while agriculture and food processing require stable sensing across high humidity and wide concentration ranges. Equipment manufacturers increasingly prefer pre-calibrated modules that reduce development time, simplify compliance and provide diagnostic information throughout the equipment lifecycle.

Regional Insights

Asia Pacific represents the broadest combined manufacturing and demand base for Non-Dispersive Infrared Absorption Sensors. The region benefits from extensive production of HVAC equipment, air-quality monitors, consumer electronics, automotive systems and industrial instruments, together with an established optical and electronic

+357 96 030922
info@marketpublishers.com

component supply chain. China provides manufacturing scale and rapid product customization, while Japan and South Korea contribute automotive qualification, precision components and advanced environmental-control applications. Regional competition is comparatively price-sensitive, encouraging suppliers to combine automated calibration with platform-based product development.

Europe and North America remain important high-value markets. Europe’s building-efficiency policies, refrigerant transition and industrial environmental requirements support demand for calibrated and application-specific sensors. North America has a strong installed base in commercial HVAC, industrial safety, refrigeration and building controls, with customers placing greater emphasis on certification, field reliability and system integration. Latin America, the Middle East and Africa offer longer-term opportunities through expanding refrigeration, commercial construction, energy infrastructure and workplace safety, although channel development and price sensitivity can slow adoption of higher-specification products.

Competitive Landscape Analysis

The competitive landscape is fragmented by target gas and application rather than controlled by one universal sensor platform. Specialist suppliers such as Senseair, Cubic Sensor and Instrument and SST Sensing compete with diversified industrial sensing companies such as Honeywell. Senseair emphasizes compact and low-power NDIR carbon dioxide and refrigerant technologies; SST Sensing focuses on fast-response, low-power and rugged carbon dioxide modules; Cubic serves a broad range of carbon dioxide, methane, refrigerant and integrated air-quality applications; Honeywell’s position is reinforced by industrial gas detection, refrigeration safety and building-control channels. Cubic Sensor and Instrument Honeywell infrared gas detection Competition increasingly centers on optical miniaturization, automated calibration, field stability, application certification and customer-specific engineering. Large-scale Asian suppliers have advantages in cost, delivery speed and customization, while established European and North American suppliers generally retain strengths in long-term validation, regulated applications and global technical support. Sustainable differentiation depends on combining proprietary sensing technology with scalable calibration and downstream integration capabilities.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Non-Dispersive Infrared Absorption Sensors Industry Forecast” looks at past sales and reviews total world Non-

+357 96 030922
info@marketpublishers.com

Dispersive Infrared Absorption Sensors sales in 2025, providing a comprehensive analysis by region and market sector of projected Non-Dispersive Infrared Absorption Sensors sales for 2026 through 2032. With Non-Dispersive Infrared Absorption Sensors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Non-Dispersive Infrared Absorption Sensors industry.

This Insight Report provides a comprehensive analysis of the global Non-Dispersive Infrared Absorption Sensors 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 Non-Dispersive Infrared Absorption Sensors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Non-Dispersive Infrared Absorption Sensors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Non-Dispersive Infrared Absorption Sensors 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 Non-Dispersive Infrared Absorption Sensors.

This report presents a comprehensive overview, market shares, and growth opportunities of Non-Dispersive Infrared Absorption Sensors market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

NDIR CO2 Sensor

NDIR Methane Sensor

NDIR Carbon Monoxide Sensor

NDIR Propane Sensor

+357 96 030922
info@marketpublishers.com

NDIR Refrigerant Gas Sensor

NDIR Ethylene Sensor

NDIR SF6 Sensor

Other

Segmentation by Channel:

Single-Channel

Multi-Channel

Segmentation by Wavelength:

Single Wavelength

Dual Wavelength

Multi-Wavelength

Segmentation by Application:

Industrial Safety & Security

Environmental Protection Industry

Medical Industry

Residential & Commercial Security

Electric Power Industry

+357 96 030922
info@marketpublishers.com

- Automotive Industry
- Research Institutions
- Other

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

+357 96 030922
info@marketpublishers.com

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.

Amphenol Sensors

Senseair (Asahi Kasei Microdevices)

Murata

Sensirion

MKS Instruments

Vaisala

Teledyne API

Honeywell

+357 96 030922
info@marketpublishers.com

ELT SENSOR

E+E Elektronik

Trane

Micro-Hybrid

Edinburgh Instruments

Alphasense

Cubic Sensor and Instrument

Nano Environmental Technology

Super Systems

ORISYSTECH

smartGAS Mikrosensorik

SST Sensing

Figaro Engineering

Winsen Electronics

Promisense Electronic Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Non-Dispersive Infrared Absorption Sensors market?

What factors are driving Non-Dispersive Infrared Absorption Sensors market growth, globally and by region?

+357 96 030922
info@marketpublishers.com

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

How do Non-Dispersive Infrared Absorption Sensors market opportunities vary by end market size?

How does Non-Dispersive Infrared Absorption Sensors break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

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 Non-Dispersive Infrared Absorption Sensors Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Non-Dispersive Infrared Absorption Sensors by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Non-Dispersive Infrared Absorption Sensors by Country/Region, 2021, 2025 & 2032
2.2 Non-Dispersive Infrared Absorption Sensors Segment by Type
  2.2.1 NDIR CO2 Sensor
  2.2.2 NDIR Methane Sensor
  2.2.3 NDIR Carbon Monoxide Sensor
  2.2.4 NDIR Propane Sensor
  2.2.5 NDIR Refrigerant Gas Sensor
  2.2.6 NDIR Ethylene Sensor
  2.2.7 NDIR SF6 Sensor
  2.2.8 Other
  2.2.9 Non-Dispersive Infrared Absorption Sensors Sales by Type
    2.2.9.1 Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type (2021-2026)
    2.2.9.2 Global Non-Dispersive Infrared Absorption Sensors Revenue and Market Share by Type (2021-2026)
    2.2.9.3 Global Non-Dispersive Infrared Absorption Sensors Sale Price by Type (2021-2026)
2.3 Non-Dispersive Infrared Absorption Sensors Segment by Channel
  2.3.1 Single-Channel

+357 96 030922
info@marketpublishers.com

2.3.2 Multi-Channel
2.3.3 Non-Dispersive Infrared Absorption Sensors Sales by Channel
2.3.3.1 Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Channel (2021-2026)
2.3.3.2 Global Non-Dispersive Infrared Absorption Sensors Revenue and Market Share by Channel (2021-2026)
2.3.3.3 Global Non-Dispersive Infrared Absorption Sensors Sale Price by Channel (2021-2026)
2.4 Non-Dispersive Infrared Absorption Sensors Segment by Wavelength
2.4.1 Single Wavelength
2.4.2 Dual Wavelength
2.4.3 Multi-Wavelength
2.4.4 Non-Dispersive Infrared Absorption Sensors Sales by Wavelength
2.4.4.1 Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Wavelength (2021-2026)
2.4.4.2 Global Non-Dispersive Infrared Absorption Sensors Revenue and Market Share by Wavelength (2021-2026)
2.4.4.3 Global Non-Dispersive Infrared Absorption Sensors Sale Price by Wavelength (2021-2026)
2.5 Non-Dispersive Infrared Absorption Sensors Segment by Application
2.5.1 Industrial Safety & Security
2.5.2 Environmental Protection Industry
2.5.3 Medical Industry
2.5.4 Residential & Commercial Security
2.5.5 Electric Power Industry
2.5.6 Automotive Industry
2.5.7 Research Institutions
2.5.8 Other
2.5.9 Non-Dispersive Infrared Absorption Sensors Sales by Application
2.5.9.1 Global Non-Dispersive Infrared Absorption Sensors Sale Market Share by Application (2021-2026)
2.5.9.2 Global Non-Dispersive Infrared Absorption Sensors Revenue and Market Share by Application (2021-2026)
2.5.9.3 Global Non-Dispersive Infrared Absorption Sensors Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Non-Dispersive Infrared Absorption Sensors Breakdown Data by Company

+357 96 030922
info@marketpublishers.com

3.1.1 Global Non-Dispersive Infrared Absorption Sensors Annual Sales by Company (2021-2026)
3.1.2 Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Company (2021-2026)
3.2 Global Non-Dispersive Infrared Absorption Sensors Annual Revenue by Company (2021-2026)
3.2.1 Global Non-Dispersive Infrared Absorption Sensors Revenue by Company (2021-2026)
3.2.2 Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Company (2021-2026)
3.3 Global Non-Dispersive Infrared Absorption Sensors Sale Price by Company
3.4 Key Manufacturers Non-Dispersive Infrared Absorption Sensors Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Non-Dispersive Infrared Absorption Sensors Product Location Distribution
3.4.2 Players Non-Dispersive Infrared Absorption Sensors Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR NON-DISPERSIVE INFRARED ABSORPTION SENSORS BY GEOGRAPHIC REGION

4.1 World Historic Non-Dispersive Infrared Absorption Sensors Market Size by Geographic Region (2021-2026)
4.1.1 Global Non-Dispersive Infrared Absorption Sensors Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Non-Dispersive Infrared Absorption Sensors Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Non-Dispersive Infrared Absorption Sensors Market Size by Country/Region (2021-2026)
4.2.1 Global Non-Dispersive Infrared Absorption Sensors Annual Sales by Country/Region (2021-2026)
4.2.2 Global Non-Dispersive Infrared Absorption Sensors Annual Revenue by Country/Region (2021-2026)
4.3 Americas Non-Dispersive Infrared Absorption Sensors Sales Growth
4.4 APAC Non-Dispersive Infrared Absorption Sensors Sales Growth

+357 96 030922
info@marketpublishers.com

4.5 Europe Non-Dispersive Infrared Absorption Sensors Sales Growth
4.6 Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales Growth

5 AMERICAS

5.1 Americas Non-Dispersive Infrared Absorption Sensors Sales by Country
  5.1.1 Americas Non-Dispersive Infrared Absorption Sensors Sales by Country (2021-2026)
  5.1.2 Americas Non-Dispersive Infrared Absorption Sensors Revenue by Country (2021-2026)
5.2 Americas Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026)
5.3 Americas Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Non-Dispersive Infrared Absorption Sensors Sales by Region
  6.1.1 APAC Non-Dispersive Infrared Absorption Sensors Sales by Region (2021-2026)
  6.1.2 APAC Non-Dispersive Infrared Absorption Sensors Revenue by Region (2021-2026)
6.2 APAC Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026)
6.3 APAC Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026)
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 Non-Dispersive Infrared Absorption Sensors by Country
  7.1.1 Europe Non-Dispersive Infrared Absorption Sensors Sales by Country

+357 96 030922
info@marketpublishers.com

(2021-2026)
7.1.2 Europe Non-Dispersive Infrared Absorption Sensors Revenue by Country (2021-2026)
7.2 Europe Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026)
7.3 Europe Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Non-Dispersive Infrared Absorption Sensors by Country
8.1.1 Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales by Country (2021-2026)
8.1.2 Middle East & Africa Non-Dispersive Infrared Absorption Sensors Revenue by Country (2021-2026)
8.2 Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026)
8.3 Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026)
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 Non-Dispersive Infrared Absorption

+357 96 030922
info@marketpublishers.com

Sensors
10.3 Manufacturing Process Analysis of Non-Dispersive Infrared Absorption Sensors
10.4 Industry Chain Structure of Non-Dispersive Infrared Absorption Sensors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Non-Dispersive Infrared Absorption Sensors Distributors
11.3 Non-Dispersive Infrared Absorption Sensors Customer

12 WORLD FORECAST REVIEW FOR NON-DISPERSIVE INFRARED ABSORPTION SENSORS BY GEOGRAPHIC REGION

12.1 Global Non-Dispersive Infrared Absorption Sensors Market Size Forecast by Region
  12.1.1 Global Non-Dispersive Infrared Absorption Sensors Forecast by Region (2027-2032)
  12.1.2 Global Non-Dispersive Infrared Absorption Sensors Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Non-Dispersive Infrared Absorption Sensors Forecast by Type (2027-2032)
12.7 Global Non-Dispersive Infrared Absorption Sensors Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Amphenol Sensors
  13.1.1 Amphenol Sensors Company Information
  13.1.2 Amphenol Sensors Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
  13.1.3 Amphenol Sensors Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
  13.1.4 Amphenol Sensors Main Business Overview
  13.1.5 Amphenol Sensors Latest Developments

+357 96 030922
info@marketpublishers.com

13.2 Senseair (Asahi Kasei Microdevices)
13.2.1 Senseair (Asahi Kasei Microdevices) Company Information
13.2.2 Senseair (Asahi Kasei Microdevices) Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.2.3 Senseair (Asahi Kasei Microdevices) Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Senseair (Asahi Kasei Microdevices) Main Business Overview
13.2.5 Senseair (Asahi Kasei Microdevices) Latest Developments
13.3 Murata
13.3.1 Murata Company Information
13.3.2 Murata Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.3.3 Murata Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Murata Main Business Overview
13.3.5 Murata Latest Developments
13.4 Sensirion
13.4.1 Sensirion Company Information
13.4.2 Sensirion Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.4.3 Sensirion Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Sensirion Main Business Overview
13.4.5 Sensirion Latest Developments
13.5 MKS Instruments
13.5.1 MKS Instruments Company Information
13.5.2 MKS Instruments Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.5.3 MKS Instruments Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 MKS Instruments Main Business Overview
13.5.5 MKS Instruments Latest Developments
13.6 Vaisala
13.6.1 Vaisala Company Information
13.6.2 Vaisala Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.6.3 Vaisala Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 Vaisala Main Business Overview

+357 96 030922
info@marketpublishers.com

13.6.5 Vaisala Latest Developments
13.7 Teledyne API
13.7.1 Teledyne API Company Information
13.7.2 Teledyne API Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.7.3 Teledyne API Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Teledyne API Main Business Overview
13.7.5 Teledyne API Latest Developments
13.8 Honeywell
13.8.1 Honeywell Company Information
13.8.2 Honeywell Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.8.3 Honeywell Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 Honeywell Main Business Overview
13.8.5 Honeywell Latest Developments
13.9 ELT SENSOR
13.9.1 ELT SENSOR Company Information
13.9.2 ELT SENSOR Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.9.3 ELT SENSOR Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 ELT SENSOR Main Business Overview
13.9.5 ELT SENSOR Latest Developments
13.10 E+E Elektronik
13.10.1 E+E Elektronik Company Information
13.10.2 E+E Elektronik Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.10.3 E+E Elektronik Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 E+E Elektronik Main Business Overview
13.10.5 E+E Elektronik Latest Developments
13.11 Trane
13.11.1 Trane Company Information
13.11.2 Trane Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.11.3 Trane Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

13.11.4 Trane Main Business Overview
13.11.5 Trane Latest Developments
13.12 Micro-Hybrid
13.12.1 Micro-Hybrid Company Information
13.12.2 Micro-Hybrid Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.12.3 Micro-Hybrid Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 Micro-Hybrid Main Business Overview
13.12.5 Micro-Hybrid Latest Developments
13.13 Edinburgh Instruments
13.13.1 Edinburgh Instruments Company Information
13.13.2 Edinburgh Instruments Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.13.3 Edinburgh Instruments Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 Edinburgh Instruments Main Business Overview
13.13.5 Edinburgh Instruments Latest Developments
13.14 Alphasense
13.14.1 Alphasense Company Information
13.14.2 Alphasense Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.14.3 Alphasense Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Alphasense Main Business Overview
13.14.5 Alphasense Latest Developments
13.15 Cubic Sensor and Instrument
13.15.1 Cubic Sensor and Instrument Company Information
13.15.2 Cubic Sensor and Instrument Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.15.3 Cubic Sensor and Instrument Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.15.4 Cubic Sensor and Instrument Main Business Overview
13.15.5 Cubic Sensor and Instrument Latest Developments
13.16 Nano Environmental Technology
13.16.1 Nano Environmental Technology Company Information
13.16.2 Nano Environmental Technology Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.16.3 Nano Environmental Technology Non-Dispersive Infrared Absorption Sensors

+357 96 030922
info@marketpublishers.com

Sales, Revenue, Price and Gross Margin (2021-2026)
13.16.4 Nano Environmental Technology Main Business Overview
13.16.5 Nano Environmental Technology Latest Developments
13.17 Super Systems
13.17.1 Super Systems Company Information
13.17.2 Super Systems Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.17.3 Super Systems Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.17.4 Super Systems Main Business Overview
13.17.5 Super Systems Latest Developments
13.18 ORISYSTECH
13.18.1 ORISYSTECH Company Information
13.18.2 ORISYSTECH Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.18.3 ORISYSTECH Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.18.4 ORISYSTECH Main Business Overview
13.18.5 ORISYSTECH Latest Developments
13.19 smartGAS Mikrosensorik
13.19.1 smartGAS Mikrosensorik Company Information
13.19.2 smartGAS Mikrosensorik Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.19.3 smartGAS Mikrosensorik Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.19.4 smartGAS Mikrosensorik Main Business Overview
13.19.5 smartGAS Mikrosensorik Latest Developments
13.20 SST Sensing
13.20.1 SST Sensing Company Information
13.20.2 SST Sensing Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.20.3 SST Sensing Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.20.4 SST Sensing Main Business Overview
13.20.5 SST Sensing Latest Developments
13.21 Figaro Engineering
13.21.1 Figaro Engineering Company Information
13.21.2 Figaro Engineering Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

13.21.3 Figaro Engineering Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.21.4 Figaro Engineering Main Business Overview
13.21.5 Figaro Engineering Latest Developments
13.22 Winsen Electronics
13.22.1 Winsen Electronics Company Information
13.22.2 Winsen Electronics Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.22.3 Winsen Electronics Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.22.4 Winsen Electronics Main Business Overview
13.22.5 Winsen Electronics Latest Developments
13.23 Promisense Electronic Technology
13.23.1 Promisense Electronic Technology Company Information
13.23.2 Promisense Electronic Technology Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
13.23.3 Promisense Electronic Technology Non-Dispersive Infrared Absorption Sensors Sales, Revenue, Price and Gross Margin (2021-2026)
13.23.4 Promisense Electronic Technology Main Business Overview
13.23.5 Promisense Electronic Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Non-Dispersive Infrared Absorption Sensors Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Non-Dispersive Infrared Absorption Sensors Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of NDIR CO2 Sensor
Table 4. Major Players of NDIR Methane Sensor
Table 5. Major Players of NDIR Carbon Monoxide Sensor
Table 6. Major Players of NDIR Propane Sensor
Table 7. Major Players of NDIR Refrigerant Gas Sensor
Table 8. Major Players of NDIR Ethylene Sensor
Table 9. Major Players of NDIR SF6 Sensor
Table 10. Major Players of Other
Table 11. Global Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026) & (K Units)
Table 12. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type (2021-2026)
Table 13. Global Non-Dispersive Infrared Absorption Sensors Revenue by Type (2021-2026) & ($ million)
Table 14. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Type (2021-2026)
Table 15. Global Non-Dispersive Infrared Absorption Sensors Sale Price by Type (2021-2026) & (US$/Unit)
Table 16. Major Players of Single-Channel
Table 17. Major Players of Multi-Channel
Table 18. Global Non-Dispersive Infrared Absorption Sensors Sales by Channel (2021-2026) & (K Units)
Table 19. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Channel (2021-2026)
Table 20. Global Non-Dispersive Infrared Absorption Sensors Revenue by Channel (2021-2026) & ($ million)
Table 21. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Channel (2021-2026)
Table 22. Global Non-Dispersive Infrared Absorption Sensors Sale Price by Channel (2021-2026) & (US$/Unit)
Table 23. Major Players of Single Wavelength

+357 96 030922
info@marketpublishers.com

Table 24. Major Players of Dual Wavelength
Table 25. Major Players of Multi-Wavelength
Table 26. Global Non-Dispersive Infrared Absorption Sensors Sales by Wavelength (2021-2026) & (K Units)
Table 27. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Wavelength (2021-2026)
Table 28. Global Non-Dispersive Infrared Absorption Sensors Revenue by Wavelength (2021-2026) & ($ million)
Table 29. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Wavelength (2021-2026)
Table 30. Global Non-Dispersive Infrared Absorption Sensors Sale Price by Wavelength (2021-2026) & (US$/Unit)
Table 31. Global Non-Dispersive Infrared Absorption Sensors Sale by Application (2021-2026) & (K Units)
Table 32. Global Non-Dispersive Infrared Absorption Sensors Sale Market Share by Application (2021-2026)
Table 33. Global Non-Dispersive Infrared Absorption Sensors Revenue by Application (2021-2026) & ($ million)
Table 34. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Application (2021-2026)
Table 35. Global Non-Dispersive Infrared Absorption Sensors Sale Price by Application (2021-2026) & (US$/Unit)
Table 36. Global Non-Dispersive Infrared Absorption Sensors Sales by Company (2021-2026) & (K Units)
Table 37. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Company (2021-2026)
Table 38. Global Non-Dispersive Infrared Absorption Sensors Revenue by Company (2021-2026) & ($ millions)
Table 39. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Company (2021-2026)
Table 40. Global Non-Dispersive Infrared Absorption Sensors Sale Price by Company (2021-2026) & (US$/Unit)
Table 41. Key Manufacturers Non-Dispersive Infrared Absorption Sensors Producing Area Distribution and Sales Area
Table 42. Players Non-Dispersive Infrared Absorption Sensors Products Offered
Table 43. Non-Dispersive Infrared Absorption Sensors Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 44. New Products and Potential Entrants
Table 45. Market M&A Activity & Strategy

+357 96 030922
info@marketpublishers.com

Table 46. Global Non-Dispersive Infrared Absorption Sensors Sales by Geographic Region (2021-2026) & (K Units)
Table 47. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share Geographic Region (2021-2026)
Table 48. Global Non-Dispersive Infrared Absorption Sensors Revenue by Geographic Region (2021-2026) & ($ millions)
Table 49. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Geographic Region (2021-2026)
Table 50. Global Non-Dispersive Infrared Absorption Sensors Sales by Country/Region (2021-2026) & (K Units)
Table 51. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country/Region (2021-2026)
Table 52. Global Non-Dispersive Infrared Absorption Sensors Revenue by Country/Region (2021-2026) & ($ millions)
Table 53. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Country/Region (2021-2026)
Table 54. Americas Non-Dispersive Infrared Absorption Sensors Sales by Country (2021-2026) & (K Units)
Table 55. Americas Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country (2021-2026)
Table 56. Americas Non-Dispersive Infrared Absorption Sensors Revenue by Country (2021-2026) & ($ millions)
Table 57. Americas Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026) & (K Units)
Table 58. Americas Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026) & (K Units)
Table 59. APAC Non-Dispersive Infrared Absorption Sensors Sales by Region (2021-2026) & (K Units)
Table 60. APAC Non-Dispersive Infrared Absorption Sensors Sales Market Share by Region (2021-2026)
Table 61. APAC Non-Dispersive Infrared Absorption Sensors Revenue by Region (2021-2026) & ($ millions)
Table 62. APAC Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026) & (K Units)
Table 63. APAC Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026) & (K Units)
Table 64. Europe Non-Dispersive Infrared Absorption Sensors Sales by Country (2021-2026) & (K Units)
Table 65. Europe Non-Dispersive Infrared Absorption Sensors Revenue by Country

+357 96 030922
info@marketpublishers.com

(2021-2026) & ($ millions)
Table 66. Europe Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026) & (K Units)
Table 67. Europe Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026) & (K Units)
Table 68. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales by Country (2021-2026) & (K Units)
Table 69. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Country (2021-2026)
Table 70. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales by Type (2021-2026) & (K Units)
Table 71. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales by Application (2021-2026) & (K Units)
Table 72. Key Market Drivers & Growth Opportunities of Non-Dispersive Infrared Absorption Sensors
Table 73. Key Market Challenges & Risks of Non-Dispersive Infrared Absorption Sensors
Table 74. Key Industry Trends of Non-Dispersive Infrared Absorption Sensors
Table 75. Non-Dispersive Infrared Absorption Sensors Raw Material
Table 76. Key Suppliers of Raw Materials
Table 77. Non-Dispersive Infrared Absorption Sensors Distributors List
Table 78. Non-Dispersive Infrared Absorption Sensors Customer List
Table 79. Global Non-Dispersive Infrared Absorption Sensors Sales Forecast by Region (2027-2032) & (K Units)
Table 80. Global Non-Dispersive Infrared Absorption Sensors Revenue Forecast by Region (2027-2032) & ($ millions)
Table 81. Americas Non-Dispersive Infrared Absorption Sensors Sales Forecast by Country (2027-2032) & (K Units)
Table 82. Americas Non-Dispersive Infrared Absorption Sensors Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 83. APAC Non-Dispersive Infrared Absorption Sensors Sales Forecast by Region (2027-2032) & (K Units)
Table 84. APAC Non-Dispersive Infrared Absorption Sensors Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 85. Europe Non-Dispersive Infrared Absorption Sensors Sales Forecast by Country (2027-2032) & (K Units)
Table 86. Europe Non-Dispersive Infrared Absorption Sensors Revenue Forecast by Country (2027-2032) & ($ millions)
Table 87. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales

+357 96 030922
info@marketpublishers.com

Forecast by Country (2027-2032) & (K Units)
Table 88. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Revenue Forecast by Country (2027-2032) & ($ millions)
Table 89. Global Non-Dispersive Infrared Absorption Sensors Sales Forecast by Type (2027-2032) & (K Units)
Table 90. Global Non-Dispersive Infrared Absorption Sensors Revenue Forecast by Type (2027-2032) & ($ millions)
Table 91. Global Non-Dispersive Infrared Absorption Sensors Sales Forecast by Application (2027-2032) & (K Units)
Table 92. Global Non-Dispersive Infrared Absorption Sensors Revenue Forecast by Application (2027-2032) & ($ millions)
Table 93. Amphenol Sensors Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 94. Amphenol Sensors Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 95. Amphenol Sensors Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 96. Amphenol Sensors Main Business
Table 97. Amphenol Sensors Latest Developments
Table 98. Senseair (Asahi Kasei Microdevices) Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 99. Senseair (Asahi Kasei Microdevices) Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 100. Senseair (Asahi Kasei Microdevices) Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 101. Senseair (Asahi Kasei Microdevices) Main Business
Table 102. Senseair (Asahi Kasei Microdevices) Latest Developments
Table 103. Murata Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 104. Murata Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 105. Murata Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 106. Murata Main Business
Table 107. Murata Latest Developments
Table 108. Sensirion Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 109. Sensirion Non-Dispersive Infrared Absorption Sensors Product Portfolios

+357 96 030922
info@marketpublishers.com

and Specifications
Table 110. Sensirion Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 111. Sensirion Main Business
Table 112. Sensirion Latest Developments
Table 113. MKS Instruments Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 114. MKS Instruments Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 115. MKS Instruments Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 116. MKS Instruments Main Business
Table 117. MKS Instruments Latest Developments
Table 118. Vaisala Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 119. Vaisala Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 120. Vaisala Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 121. Vaisala Main Business
Table 122. Vaisala Latest Developments
Table 123. Teledyne API Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 124. Teledyne API Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 125. Teledyne API Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 126. Teledyne API Main Business
Table 127. Teledyne API Latest Developments
Table 128. Honeywell Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 129. Honeywell Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 130. Honeywell Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 131. Honeywell Main Business
Table 132. Honeywell Latest Developments
Table 133. ELT SENSOR Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors

+357 96 030922
info@marketpublishers.com

Table 134. ELT SENSOR Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 135. ELT SENSOR Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 136. ELT SENSOR Main Business
Table 137. ELT SENSOR Latest Developments
Table 138. E+E Elektronik Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 139. E+E Elektronik Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 140. E+E Elektronik Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 141. E+E Elektronik Main Business
Table 142. E+E Elektronik Latest Developments
Table 143. Trane Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 144. Trane Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 145. Trane Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 146. Trane Main Business
Table 147. Trane Latest Developments
Table 148. Micro-Hybrid Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 149. Micro-Hybrid Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 150. Micro-Hybrid Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 151. Micro-Hybrid Main Business
Table 152. Micro-Hybrid Latest Developments
Table 153. Edinburgh Instruments Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 154. Edinburgh Instruments Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 155. Edinburgh Instruments Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 156. Edinburgh Instruments Main Business
Table 157. Edinburgh Instruments Latest Developments
Table 158. Alphasense Basic Information, Non-Dispersive Infrared Absorption Sensors

+357 96 030922
info@marketpublishers.com

Manufacturing Base, Sales Area and Its Competitors
Table 159. Alphasense Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 160. Alphasense Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 161. Alphasense Main Business
Table 162. Alphasense Latest Developments
Table 163. Cubic Sensor and Instrument Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 164. Cubic Sensor and Instrument Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 165. Cubic Sensor and Instrument Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 166. Cubic Sensor and Instrument Main Business
Table 167. Cubic Sensor and Instrument Latest Developments
Table 168. Nano Environmental Technology Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 169. Nano Environmental Technology Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 170. Nano Environmental Technology Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 171. Nano Environmental Technology Main Business
Table 172. Nano Environmental Technology Latest Developments
Table 173. Super Systems Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 174. Super Systems Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 175. Super Systems Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 176. Super Systems Main Business
Table 177. Super Systems Latest Developments
Table 178. ORISYSTECH Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 179. ORISYSTECH Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 180. ORISYSTECH Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 181. ORISYSTECH Main Business

+357 96 030922
info@marketpublishers.com

Table 182. ORISYSTECH Latest Developments
Table 183. smartGAS Mikrosensorik Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 184. smartGAS Mikrosensorik Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 185. smartGAS Mikrosensorik Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 186. smartGAS Mikrosensorik Main Business
Table 187. smartGAS Mikrosensorik Latest Developments
Table 188. SST Sensing Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 189. SST Sensing Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 190. SST Sensing Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 191. SST Sensing Main Business
Table 192. SST Sensing Latest Developments
Table 193. Figaro Engineering Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 194. Figaro Engineering Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 195. Figaro Engineering Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 196. Figaro Engineering Main Business
Table 197. Figaro Engineering Latest Developments
Table 198. Winsen Electronics Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 199. Winsen Electronics Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 200. Winsen Electronics Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 201. Winsen Electronics Main Business
Table 202. Winsen Electronics Latest Developments
Table 203. Promisense Electronic Technology Basic Information, Non-Dispersive Infrared Absorption Sensors Manufacturing Base, Sales Area and Its Competitors
Table 204. Promisense Electronic Technology Non-Dispersive Infrared Absorption Sensors Product Portfolios and Specifications
Table 205. Promisense Electronic Technology Non-Dispersive Infrared Absorption Sensors Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin

+357 96 030922
info@marketpublishers.com

(2021-2026)
Table 206. Promisense Electronic Technology Main Business
Table 207. Promisense Electronic Technology Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Non-Dispersive Infrared Absorption Sensors
Figure 2. Non-Dispersive Infrared Absorption Sensors Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Non-Dispersive Infrared Absorption Sensors Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Non-Dispersive Infrared Absorption Sensors Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Non-Dispersive Infrared Absorption Sensors Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country/Region (2025)
Figure 10. Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of NDIR CO2 Sensor
Figure 12. Product Picture of NDIR Methane Sensor
Figure 13. Product Picture of NDIR Carbon Monoxide Sensor
Figure 14. Product Picture of NDIR Propane Sensor
Figure 15. Product Picture of NDIR Refrigerant Gas Sensor
Figure 16. Product Picture of NDIR Ethylene Sensor
Figure 17. Product Picture of NDIR SF6 Sensor
Figure 18. Product Picture of Other
Figure 19. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type in 2026
Figure 20. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Type (2021-2026)
Figure 21. Product Picture of Single-Channel
Figure 22. Product Picture of Multi-Channel
Figure 23. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Channel in 2026
Figure 24. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Channel (2021-2026)
Figure 25. Product Picture of Single Wavelength
Figure 26. Product Picture of Dual Wavelength

+357 96 030922
info@marketpublishers.com

Figure 27. Product Picture of Multi-Wavelength
Figure 28. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Wavelength in 2026
Figure 29. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Wavelength (2021-2026)
Figure 30. Non-Dispersive Infrared Absorption Sensors Consumed in Industrial Safety & Security
Figure 31. Global Non-Dispersive Infrared Absorption Sensors Market: Industrial Safety & Security (2021-2026) & (K Units)
Figure 32. Non-Dispersive Infrared Absorption Sensors Consumed in Environmental Protection Industry
Figure 33. Global Non-Dispersive Infrared Absorption Sensors Market: Environmental Protection Industry (2021-2026) & (K Units)
Figure 34. Non-Dispersive Infrared Absorption Sensors Consumed in Medical Industry
Figure 35. Global Non-Dispersive Infrared Absorption Sensors Market: Medical Industry (2021-2026) & (K Units)
Figure 36. Non-Dispersive Infrared Absorption Sensors Consumed in Residential & Commercial Security
Figure 37. Global Non-Dispersive Infrared Absorption Sensors Market: Residential & Commercial Security (2021-2026) & (K Units)
Figure 38. Non-Dispersive Infrared Absorption Sensors Consumed in Electric Power Industry
Figure 39. Global Non-Dispersive Infrared Absorption Sensors Market: Electric Power Industry (2021-2026) & (K Units)
Figure 40. Non-Dispersive Infrared Absorption Sensors Consumed in Automotive Industry
Figure 41. Global Non-Dispersive Infrared Absorption Sensors Market: Automotive Industry (2021-2026) & (K Units)
Figure 42. Non-Dispersive Infrared Absorption Sensors Consumed in Research Institutions
Figure 43. Global Non-Dispersive Infrared Absorption Sensors Market: Research Institutions (2021-2026) & (K Units)
Figure 44. Non-Dispersive Infrared Absorption Sensors Consumed in Other
Figure 45. Global Non-Dispersive Infrared Absorption Sensors Market: Other (2021-2026) & (K Units)
Figure 46. Global Non-Dispersive Infrared Absorption Sensors Sale Market Share by Application (2025)
Figure 47. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Application in 2025

+357 96 030922
info@marketpublishers.com

Figure 48. Non-Dispersive Infrared Absorption Sensors Sales by Company in 2025 (K Units)
Figure 49. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Company in 2025
Figure 50. Non-Dispersive Infrared Absorption Sensors Revenue by Company in 2025 ($ millions)
Figure 51. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Company in 2025
Figure 52. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share by Geographic Region (2021-2026)
Figure 53. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Geographic Region in 2025
Figure 54. Americas Non-Dispersive Infrared Absorption Sensors Sales 2021-2026 (K Units)
Figure 55. Americas Non-Dispersive Infrared Absorption Sensors Revenue 2021-2026 ($ millions)
Figure 56. APAC Non-Dispersive Infrared Absorption Sensors Sales 2021-2026 (K Units)
Figure 57. APAC Non-Dispersive Infrared Absorption Sensors Revenue 2021-2026 ($ millions)
Figure 58. Europe Non-Dispersive Infrared Absorption Sensors Sales 2021-2026 (K Units)
Figure 59. Europe Non-Dispersive Infrared Absorption Sensors Revenue 2021-2026 ($ millions)
Figure 60. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales 2021-2026 (K Units)
Figure 61. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Revenue 2021-2026 ($ millions)
Figure 62. Americas Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country in 2025
Figure 63. Americas Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Country (2021-2026)
Figure 64. Americas Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type (2021-2026)
Figure 65. Americas Non-Dispersive Infrared Absorption Sensors Sales Market Share by Application (2021-2026)
Figure 66. United States Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 67. Canada Non-Dispersive Infrared Absorption Sensors Revenue Growth

+357 96 030922
info@marketpublishers.com

2021-2026 ($ millions)
Figure 68. Mexico Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 69. Brazil Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 70. APAC Non-Dispersive Infrared Absorption Sensors Sales Market Share by Region in 2025
Figure 71. APAC Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Region (2021-2026)
Figure 72. APAC Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type (2021-2026)
Figure 73. APAC Non-Dispersive Infrared Absorption Sensors Sales Market Share by Application (2021-2026)
Figure 74. China Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 75. Japan Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 76. South Korea Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 77. Southeast Asia Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 78. India Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 79. Australia Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 80. China Taiwan Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 81. Europe Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country in 2025
Figure 82. Europe Non-Dispersive Infrared Absorption Sensors Revenue Market Share by Country (2021-2026)
Figure 83. Europe Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type (2021-2026)
Figure 84. Europe Non-Dispersive Infrared Absorption Sensors Sales Market Share by Application (2021-2026)
Figure 85. Germany Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 86. France Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 87. UK Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 88. Italy Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 89. Russia Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 90. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales Market Share by Country (2021-2026)
Figure 91. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales Market Share by Type (2021-2026)
Figure 92. Middle East & Africa Non-Dispersive Infrared Absorption Sensors Sales Market Share by Application (2021-2026)
Figure 93. Egypt Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 94. South Africa Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 95. Israel Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 96. Turkey Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 97. GCC Countries Non-Dispersive Infrared Absorption Sensors Revenue Growth 2021-2026 ($ millions)
Figure 98. Manufacturing Cost Structure Analysis of Non-Dispersive Infrared Absorption Sensors in 2026
Figure 99. Manufacturing Process Analysis of Non-Dispersive Infrared Absorption Sensors
Figure 100. Industry Chain Structure of Non-Dispersive Infrared Absorption Sensors
Figure 101. Channels of Distribution
Figure 102. Global Non-Dispersive Infrared Absorption Sensors Sales Market Forecast by Region (2027-2032)
Figure 103. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share Forecast by Region (2027-2032)
Figure 104. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share Forecast by Type (2027-2032)
Figure 105. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share Forecast by Type (2027-2032)
Figure 106. Global Non-Dispersive Infrared Absorption Sensors Sales Market Share Forecast by Application (2027-2032)
Figure 107. Global Non-Dispersive Infrared Absorption Sensors Revenue Market Share

+357 96 030922
info@marketpublishers.com

Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Non-Dispersive Infrared Absorption Sensors Market Growth 2026-2032

Product link: https://marketpublishers.com/r/G8DDA869C1F2EN.html

Price: US$ 3,660.00 (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 https://marketpublishers.com/r/G8DDA869C1F2EN.html