

Global Wireless Gas Detection Market Size study, by Technology (Wi-fi, Bluetooth, License-free ISM band, Cellular technology, Others), by Offering (Hardware, Software, Services), By Application (Precision Farming, Agriculture Robots, Livestock Monitoring, Drone Analytics, Labor Management, Others), By End-user Industry (Oil & Gas, Chemicals and Petrochemicals, Utilities and Power Generation, Mining and Metals, Water and Wastewater Treatment Plants, Commercial Buildings and Public Facilities, Government and Military, Discrete Manufacturing Industries, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Wireless Gas Detection Market is valued approximately USD 1.5 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 4.8% over the forecast period 2021-2027.

Wireless gas detection is a portable system, which is designed for real-time monitoring of toxic and combustible gases in the environment. It is deployed as a safety system for detecting leakage of hazardous and explosive gases in industry. The detector is generally associated with a control system that automatically restricts the process in case of any emergency or leakage of gases. The growing demand for the wireless gas detector by the chemical industry, continuous technological developments, mergers & acquisitions by the key players, and extensive pertinence of gas detectors for industrial safety & environmental safety are the factors that may accelerate the market demand in

the impending years. For instance, In May 2019, MSA Safety Incorporated has accomplished its acquisition of Sierra Monitor Corporation- a supplier of IIoT solutions and fixed gas and flame detection (FGFD) instruments. Thus, these factors may boost the market demand across the globe. However, data security and privacy issues associated with the wireless communication devices impedes the growth of the market over the forecast period of 2021-2027. Also, the rising use of wireless gas monitoring systems in oil and gas drilling and exploration activities is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Wireless Gas Detection market study includes Asia Pacific, North America, Europe, Latin America and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising needs for the safety of the workers, and the increasing requirement for evading industrial accidents caused by undetected gas leakage. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2021-2027. Factors such as the increasing industrialization lead the pollution issues, coupled with the proliferation of the wireless gas detector products by commercial buildings and public facilities and rising pressure for ensuring workforce safety would create lucrative growth prospects for the Wireless Gas Detection market across the Asia-Pacific region.

Major market player included in this report are:

RAE Systems, Inc.

Yokogawa Electric Corporation

Oldham SAS

Tyco Gas & Flame

AirTest Technologies, Inc.

Bacharach, Inc.

California Analytical Instruments, Inc.

City Technology Ltd.

Crowcon Detection Instruments, Ltd.

Detector Electronics Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key

players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Wi-fi

Bluetooth

License-free ISM band

Cellular technology

Others

By Offering:

Hardware

Software

Services

By Application:

Industrial Safety

National Safety and Military Security

Environmental Safety

By End-user industry:

Oil & Gas

Chemicals and Petrochemicals

Utilities and Power Generation

Mining and Metals

Water and Wastewater Treatment Plants

Commercial Buildings and Public Facilities

Government and Military

Discrete Manufacturing Industries

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Wireless Gas Detection Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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