

Methane (CH₄) Gas Monitoring Solutions

What are the dangers of methane (CH₄)?

Methane (CH₄) is a chemical. High concentrations of methane (CH₄) can cause fires, explosions and poisoning. Methane (CH₄) concentrations above 5% can cause dizziness, vomiting and coma, and at high concentrations can be fatal. Methane leaks and builds up to a certain concentration, and when it encounters an ignition source, it explodes.

Where is methane (CH₄) monitoring needed?



Chemical plants, coal mine operation areas, nuclear power plants, oil and gas trucks, transportation pipelines and storage tank farms, warehouses and other places, methane (CH₄) leakage is easy to cause fire or explosion. Most countries mandate the deployment of methane (CH₄) sensors at key points and the transmission of monitoring data to a central control system for timely warning and disposal of leaks.

SiMSiN is more than just a product manufacturer, We are industrial system supporter



SiMSiN

Technical Service



SiMSiN

Product Service



SiMSiN

Solution Service

How to achieve methane (CH₄) gas monitoring?

Installation of explosion-proof methane gas detection terminal, real-time collection of methane gas concentration value, through the RS-485 wired transmission to the explosion-proof industrial monitoring host, unified collection and management of methane gas concentration values in different areas, based on TCP/IP transmission of monitoring data to the environmental monitoring management platform, timely reminder of gas concentration exceeding the alarm, for safety management personnel to provide early warning notice.

1 Monitoring terminal



Terminal scene display + alarm light

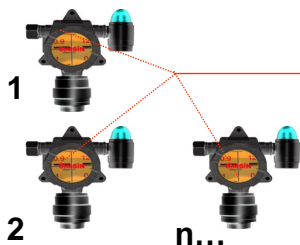


【Methane Gas Monitor】

【USER】

★ **Applicable** : less than 10 monitoring points, monitoring area is less than 1000 square meters, monitoring distance is less than 100 meters

2 Monitoring terminal + industrial monitoring host



Main screen display + alarm light

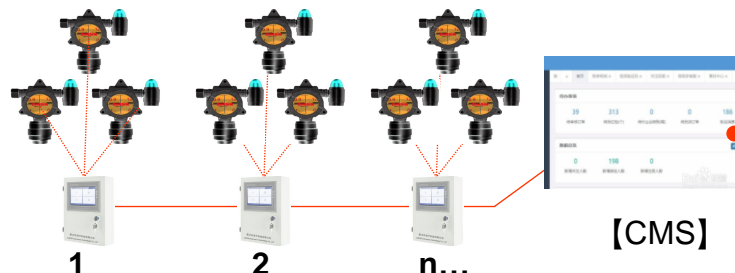


【Industrial monitoring host】

【User】

★ **Applicable**: more than 10 monitoring points, monitoring area greater than 5000 square, monitoring distance greater than 200 meters

3 Monitoring terminal + host + platform



Alarm



【CMS】

【User】

★ **Applicable**: more than 100 monitoring points, monitoring distance greater than 2 km, monitoring area >200,000

Why choose us?

1. Industrial grade products

Products are designed according to industrial standards, explosion-proof metal shell, dustproof, waterproof, corrosion resistance, adapt to harsh installation environment, high measurement accuracy, small error, support 24 hours uninterrupted measurement, from the terminal, to the host, and then to the monitoring platform full range of products

2. 1000+ project cases

Since the launch of the product, it has been applied to more than 1000 project cases such as petroleum, chemical industry and coal, and the quality level is far higher than that of the same industry.

3. 15 years of industry experience and provided complete industrial safety and environmental solutions

More information.....

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