

Fixed FLP Multi Gas Detector



AI100-M-xxx

Gas Detection | High-Precision Alerts

Features

- External power supply
- Two-stage sound and light alarm
- High-definition screen concentration display
- Magnetic suction and holding tube fixed two kinds of installation methods
- Wireless transmission

Technical Parameters

Parameter	Specification
Detection Principle	Catalytic Combustion, Electrochemical, Infrared
Measuring Gas	Combustible gases, VOCs, Toxic and hazardous gases, Oxygen
Sampling Method	Natural diffusion
Measurement Error	Full Scale $\pm 3\%$ FS
Status Indication	Digital/LCD indication (optional without display)
Ambient Temperature	-20°C ~ 55°C
Relative Humidity	95%RH (non-condensing)
Power Supply	DC24V or AC230V
Output Signal	LoRa
Maximum Distance (Detector to Host)	1000m to 3000m depending on site environment

Usage Scenarios

Can be widely used in chemical plants, smelting and paper-making, refrigeration and fire-fighting, gas catering, rubber, sewage treatment, pharmaceutical foundry, petroleum refining, mining and electric power, fire-fighting and municipal communications, and other industrial environments in need of anti-explosion, anti-poisoning and anti-asphyxiation.



Hyderabad Office: H. no : 08-041/1, Plot no 132, N C L Enclave, Kompally,
Hyderabad, Telangana, India - 500067

✉ admin@arkainstruments.com

🌐 www.arkainstruments.com



+91 7893247899