

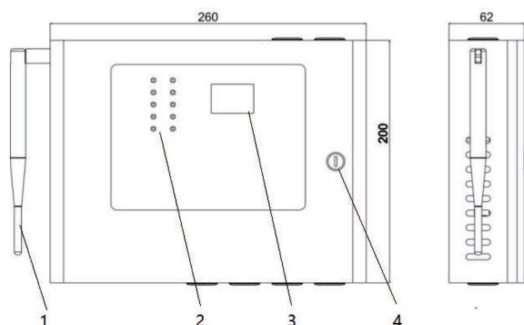
KB100 Control Panel

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KB100 is our new generation of small-point gas alarm control panel. It can connect up to 4 digital gas detectors. The man-machine interface adopts LCD and keyboard interactive operation, which makes the display clear and operation simple.



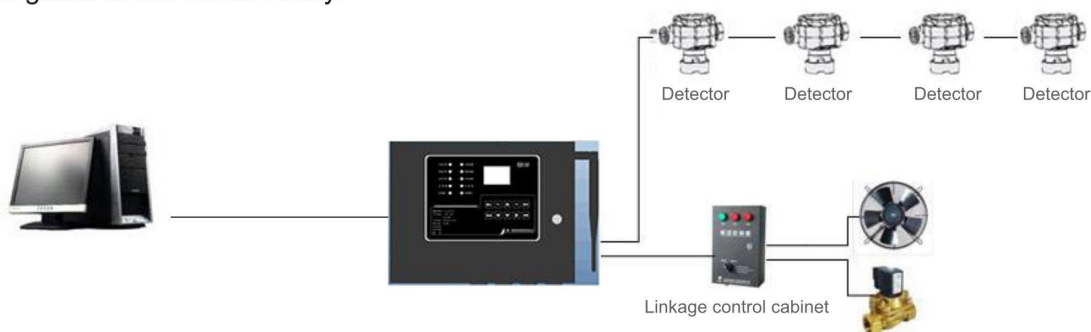
STRUCTURE AND DIMENSIONS



1.	Antenna (optional)	3.	LCD display
2.	Indicator	4.	Chassis lock

SYSTEM MAKEUP DRAWING

This detector is widely used in gas detection in petroleum and petrochemical industries, refineries, chemical plants, metallurgical industries, power industries, and other places that may produce harmful gases to the human body.



SPECIFICATIONS

Power supply	Main: AC 220V±33V, 50Hz±5Hz Battery backup: DC 24V±3V	Ingress protection	IP54
		Ambient temperature	0°C- 40°C
Consumption	≤20W	Humidity	≤95%RH
Communications signal	RS485 Power BUS	Indication method	LCD screen and LED indicators
Loop capacity	4pcs of gas detectors	Alarming method	Audible: 65-100dB @ 1m Visual: LED indicators
Voltage output to detector	DC 24V±6V		
Data upload	RS485 (support MODBUS protocol)	Dimension	260mm × 200mm × 62mm
Relay output	2 relays (free contact, capacity ≤5A)	Weight	≤5kg
Ex grade	Not explosive proof		