

Gas alarm control panels

KB2160 Gas Alarm Control Panel

KB2160 gas alarm control panel is designed for industrial use with 4~20mA communication signal to integrate all the gas detectors in different sites, to monitor the gas concentration continuously and conveniently.

FEATURES

- 4-20mA signal connection
- LCD display
- Audible and visual alarm
- 3 passive relay output for each channel
- Audible and visual alarm

APPLICATION

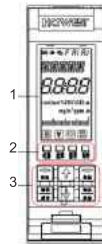
Hospital, School, Parking lot, Hotel kitchen etc. commercial places, LNG/LPG cylinder factory, Gas station, Cooling plant, Water treatment, Refinery, Metallurgy, Chemical plant, Brewery, Pharmacy, etc. Industries.

STRUCTURE



KB2160 has two kinds of structure, wall mounting type and cabinet mounting type. Picture is as wall mounting type (4 channels).

1. Housing
2. LCD screen
3. Cover
4. Terminal block
5. Cable outlet



Picture is the details and explanations of the KB2160 panel.

1. LCD screen
2. LED lights
3. Buttons



SPECIFICATIONS

Power	AC220V±15%, 50Hz±1%	Relay	3 passive replay output for each channel
Consumption	≤10W	Relay capacitance	2A/AC220V
Voltage output	DC24V±25%	Cable required	RVVP3×1.5mm ² , RVVP4×1.5mm ²
Working temperature	-10°C~+50°C	Transmission distance	≤1000m
Working humidity	≤95%RH (no condensation)	Installation type	Wall mounted, Cabinet type
Alarm method	Visual and audible	Detector quantity	Wall mounted type: 10 channels maximum Cabinet type: 80 channels maximum
Audible alarm	65dB~115dB @1m	Approval	CE
Ingress protection	IP54		

KB1000 Gas Alarm Control Panel

KB1000 is a small-point 4~20mA combustible gas alarm control panel. Each machine can be connected to 4 flammable detectors and continuously monitor the detectors. When the gas concentration of the detectors reaches or exceeds the alarm setting value, the panel will immediately send out an audible and visual alarm to remind the operator to take safety measures in time.

FEATURES

- Audible and visual alarm signals
- Flexible application
- Unique anti-interference software improves the measurement accuracy
- 3 relay output to connect external equipment



APPLICATION

It forms a combustible gas alarm monitoring system with an alarm, which is suitable for industrial and commercial small restaurants, snack bars, barber shops, bathrooms, small hospitals and other places.

SPECIFICATIONS

Power supply	AC 220V±33V, 50Hz±5Hz	Gas detector quantity	4pcs	Ambient temperature	-10°C- 50°C
Consumption	≤10W	Voltage output to detector	DC 24V±6V	Humidity	≤95%RH (no condensation)
Communications signal	4-20mA analog signal	Ingress protection	IP54	Indication method	LCD screen and LED indicators
Alarming method	Audible and visual signals	Output method	Fan capacity: ≤800W Solenoid valve: ≤30W		

Gas alarm control panels

KB6000III Gas Alarm Control Panel

KB6000III gas alarm control panel can form an industrial gas intelligent control system with Hanwei TC100N gas detector, which is used to monitor and alarm the gas concentration in the industrial field.

FEATURES

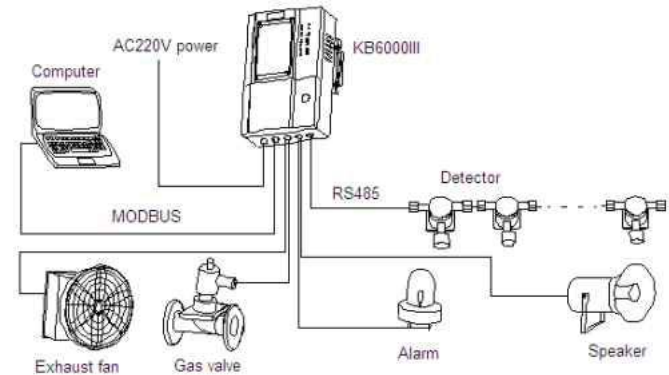
- With LED display, it is not influenced by the sunlight and can show the gas concentration clearly.
- Audible and visual alarm will be given out once the gas concentration reaches the preset danger level.
- International icon indication with illustration, easy for the user to better use the device.
- 6 relay output, to connect with exhaust fan & gas shut off valve.
- Fast response, high reliability, low fault rate, easy for maintenance, on-line calibration.
- MCU control and abundant software: easy to complete signal sampling, real-time data calculating, system fault detecting, power management, buttons scanning, displaying driving program, alarm displaying and linked external equipment etc.
- Auto-search after being activated.
- Intellectual system: Easy on-line zero calibration, relay free contact.
- Simple and easy installation.
- Linked external equipment can be activated through the control panel.

APPLICATION

KB6000III gas control panel is designed for industrial use with RS485 communications signal.



SYSTEM ARCHITECTURE DIAGRAM



The control system is made up of KB6000III gas controller, gas detectors (at most 62pcs) and other load devices. picture is the system drawing.

SPECIFICATIONS

Loop capacity	≤62pcs	Working temperature	-10°C ~ +50°C	Ingress protection	IP54	Relay Capacitance	2A/AC220V
Operating Voltage	AC220V±15%, 50Hz±1%	Working humidity	≤95%RH (no condensation)	Relay output	6 passive relays	Installation type	Wall mounted
Consumption	≤15W	Alarm method	Visual and audible	Transmission distance	≤1000m	Dimension	390*280*116.2 mm
Voltage output	DC24V±25%	Audible alarm	85~115dB @1m	Cable required	RVVP3×1.5mm ² , RVVP4×1.5mm ²		