

# Gas Control Panel



## KB2160 Gas Control Panel

KB2160 gas 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
- 3 passive relay output for each channel
- LCD display
- Auto-search after power on
- 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.

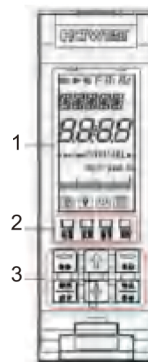
KB2160 is a single-point gas control panel. Each channel can connect with 1pc of 4-20mA gas detector to monitor the gas detector continuously. When the gas concentration achieve or exceed the alarm settings of the gas detector, gas controller will send out visual and audible alarm immediately to warn operators to take safety measures. 3 passive relay output can be connected with certain security equipment according to your requirement (such as electric fans or valves), so that to prevent poisoning accidents, explosion, and fire, and protect humans' safety.

## 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 <sup>2</sup> , RVVP4×1.5mm <sup>2</sup>                        |
| 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: 8 channels maximum<br>Cabinet type: 80 channels maximum |
| Audible alarm       | 65dB~115dB @1m           |                       |                                                                            |
| Ingress protection  | IP54                     | Approval              | CE                                                                         |



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