

Gas detection controller

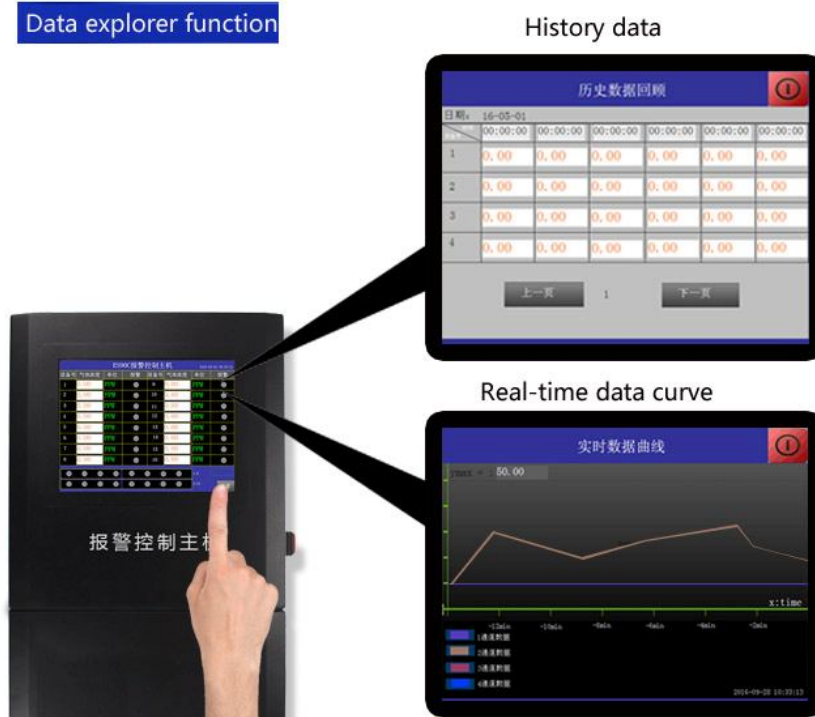
Description

OC-8000 gas detection controller with new design of Touch screen, simple operation. It could connect the OC-F08 gas detector or other gas detector with 4~20mA signal output to make up as the industrial gas detection system. It will display the all gas concentration for each gas detector, when the gas concentration level up to the preset data, the controller will alarm with acoustic and light signal. Synchronously, the actuator will begin to drive the exhauster or the cut off valve and other equipments, in order to prevent the poisoning accident, explosion or fire. It could guarantee the security of the industrial working place.

Structure



Data explorer function



Different channels display

设备号	气体浓度	单位	气体类型	是否在线	报警
1	0.00	PPM	O2	●	●
2	0.00	PPM	O2	●	●
3	0.00	PPM	O2	●	●
4	0.00	PPM	O2	●	●

1~4 channels

设备号	气体浓度	单位	气体类型	报警	量程	状态
1	0.00	PPM	EX	0.00	0.00	●
2	0.00	PPM	O2	0.00	0.00	●
3	0.00	PPM	CO	0.00	0.00	●
4	0.00	PPM	H2S	0.00	0.00	●
5	0.00	PPM	CO2	0.00	0.00	●
6	0.00	PPM	CH4	0.00	0.00	●
7	0.00	PPM	O3	0.00	0.00	●
8	0.00	PPM	NH3	0.00	0.00	●

5~8 channels

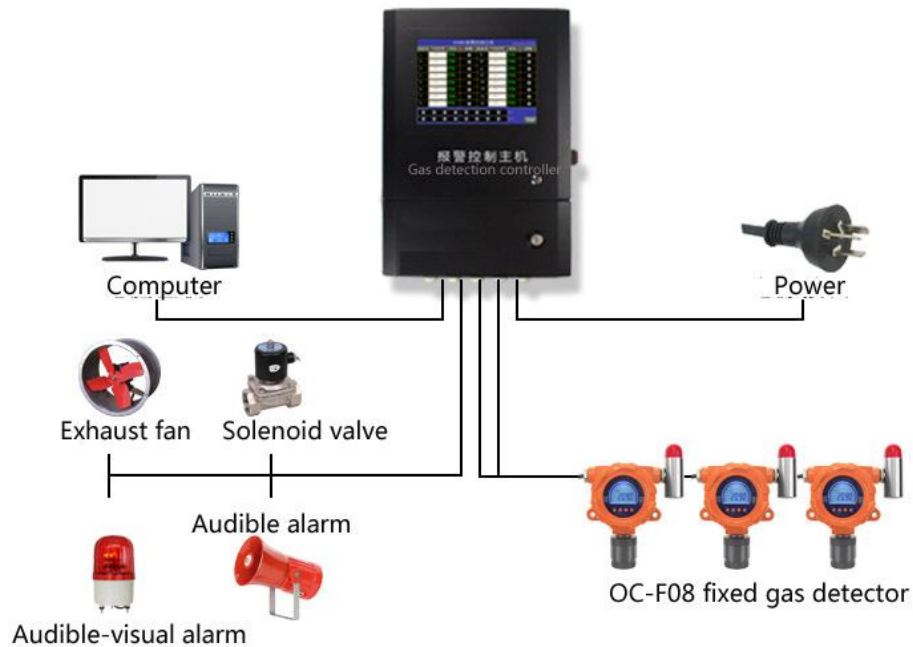
设备号	气体浓度	单位	报警	设备号	气体浓度	单位	报警
1	0.00	PPM	●	9	0.00	PPM	●
2	0.00	PPM	●	10	0.00	PPM	●
3	0.00	PPM	●	11	0.00	PPM	●
4	0.00	PPM	●	12	0.00	PPM	●
5	0.00	PPM	●	13	0.00	PPM	●
6	0.00	PPM	●	14	0.00	PPM	●
7	0.00	PPM	●	15	0.00	PPM	●
8	0.00	PPM	●	16	0.00	PPM	●

9~16 channels

通道号	气体浓度	单位	状态	通道号	气体浓度	单位	状态
1	0.00	ppm	●	17	0.00	ppm	●
2	0.00	ppm	●	18	0.00	ppm	●
3	0.00	ppm	●	19	0.00	ppm	●
4	0.00	ppm	●	20	0.00	ppm	●
5	0.00	ppm	●	21	0.00	ppm	●
6	0.00	ppm	●	22	0.00	ppm	●
7	0.00	ppm	●	23	0.00	ppm	●
8	0.00	ppm	●	24	0.00	ppm	●
9	0.00	ppm	●	25	0.00	ppm	●
10	0.00	ppm	●	26	0.00	ppm	●
11	0.00	ppm	●	27	0.00	ppm	●
12	0.00	ppm	●	28	0.00	ppm	●
13	0.00	ppm	●	29	0.00	ppm	●
14	0.00	ppm	●	30	0.00	ppm	●
15	0.00	ppm	●	31	0.00	ppm	●
16	0.00	ppm	●	32	0.00	ppm	●

17~32 channels

Gas detection control system

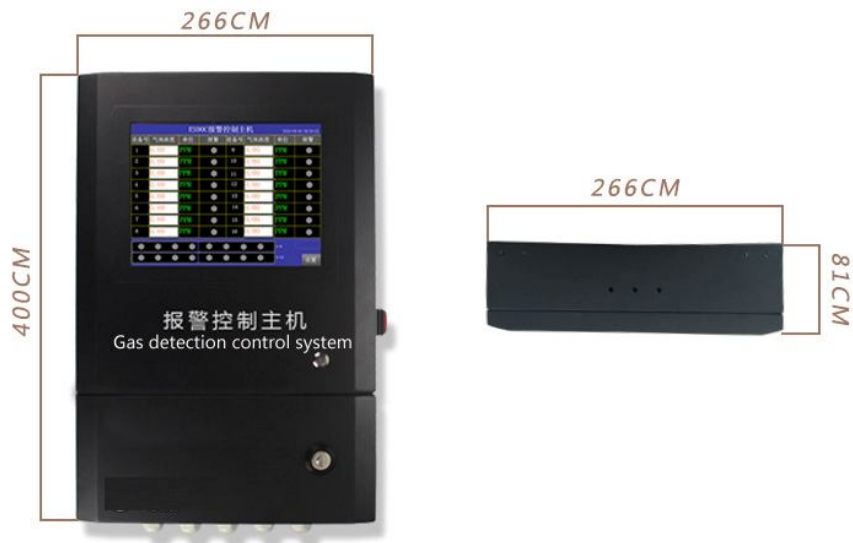


Multi ways of data transmission

Three mode: U disk, cable network, wireless network.



Dimension



Specification

Item	Description
Product name	Gas detection controller
Display	8 inch TFT LCD touch screen
Power supply	AC220V \pm 15%, 50Hz \pm 1%
Consumption	\leq 10W (according to different channels)
Output voltage	DC24V \pm 15%
Input signal	4~20mA/ RS-485
Relay output	4 relay output with optional NO or NC
Relay contact capacity	5A, 30VDC or 5A, 220VAC
Alarm mode	Audible, visual
Installation mode	Wall-mounted
Suitable gas detector	Gas detector with 4~20mA signal output
Gas detector quantity	\leq 64pc
Communication distance	\leq 2000m
Working temperature	-10 $^{\circ}$ C~+50 $^{\circ}$ C
Working humidity	10~95%RH (Non-condensation)
Size	400mm*280mm*80mm
Weight	About 3.6kg
Protection grade	IP54
Quality standard	GB 16808-2008 GB 15326-1994

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