

Bus System Controller



YT-1600H-WH

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Product overview

YT-1600H-WH gas control panel can connect up to 132 gas detectors, which can realize remote signal transmission; it can control solenoid valves, exhaust fans, motors, water pumps, sound and light alarms, spray systems, machinery and equipment, etc to realize automatic job. It can achieve the integration of remote monitoring and cloud monitoring, which is convenient for users to conduct real-time and accurate management and grasp the alarm status in time.

Product Advantage

- **Multiple operation modes, convenient for use**
 - 7-inch high-definition color screen display, can support touch operation. With 2 buttons at the same time, also supports button operation
- **Modular design supports flexible custom configuration**
 - Standard RS485 signal input and output, up to 100 gas detectors can be connected
 - Can support 4~20mA signal acquisition input of 8 to 32 channels, and can connect up to 32 gas detectors (optional)
 - Can support 16 channels of 4~20mA signal output (optional)
 - Support up to 6 relays, standard 4 relays, can add 2 relays as optional option
 - The controller and the controller can communicate with each other (optional)
- **Powerful data storage function, convenient for users to view historical data**
 - Standard 1000 sets of alarm events and off-event records, users can view on controller. Standard SD card storage function, can store 100,000 sets larger capacity can be customized
 - The storage interval can be set arbitrarily, and the time, real-time concentration value, alarm information, etc can be recorded
 - Can support SD card and U disk to export data by one key, which is convenient for users to view or delete records
- **Multiple display modes can be switched**
 - Each screen displays 6 channels gas concentration, displays the concentration value unit, and real-time curve of the single channel in large font
 - Auto-loop and manual loop can be switched between channels
 - The device name can be customized, and the high and low alarm values can be set by users
 - Chinese and English interface can be switched by one key, more languages can be customized

- **Can support wireless transmission (optional)**
 - Support LORA, WIFI, 4G wireless communication (optional)
 - Data can be uploaded to its own cloud platform or other cloud platforms such as EPA. Can provide SMS reminder function, and the transmission signal is not limited by distance. Can be viewed in real time on the mobile app and computer
- **Powerful functions**
 - Support one-key elimination alarm function
 - Support remote program upgrade function
 - It can be connected to a computer, and the real-time concentration can be continuously monitored for 24 hours through the PC software, and the data can be automatically stored on the computer

Technical parameters

Installation method:	Wall-mounted
Dimensions:	464x280x100mm
Display:	7-inch 800*480 touch color screen
Display mode:	Adaptive display channel number, automatic page turning
Inspection interval:	200ms (data collection time interval)
Communication rate:	9600bps (customizable)
Transmission distance:	the maximum distance ≤ 1000 meters (determined by the quality of the cable)
Power input:	AC 220V 50Hz
Power output:	DC 24V, 0.25A/channel
Working temperature:	-10°C ~ 50°C
Working humidity:	≤95%RH, no condensation
Product weight:	4.7kg

