

Bus System Controller



YT-1600H

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Product overview

YT-1600H 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 HD color screen display, easy operation
- **Modular design supports flexible custom configuration**
 - Standard RS485 signal input and output, up to 100 gas detectors can be connected
 - Support 4~20mA signal input, and can connect 8~32 gas detectors (optional)
 - Support 16 channels of 4~20mA signal output (optional)
 - Support up to 6 relays, standard 4 relays, can additional 2 relays
- **Powerful data logging function, convenient for users to view historical data**
 - Standard SD card to store 1000 alarm events & off-event and 100000 measurement readings
 - The storage interval can be set manually
 - 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 real time date, and real-time curve of the single channel in large font
 - Auto-loop and manual loop can be switched between channels
 - The device name high and low alarm values can be modified
 - Chinese and English language

- **Can support wireless transmission (optional)**
 - Support LORA, WIFI, 4G wireless communication (optional)
 - Data can be uploaded to cloud platform or other cloud platforms such as EPA. Support SMS alert function. Real time data transmit remotely and be viewed on mobile app and computer
- **High quality case**
 - Support one-key mute/ unmute
 - Support remote firmware upgrade function
 - Support PC software for real-time data continuously monitoring 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℃ ~ 50℃
Working humidity:	≤95%RH, no condensation
Product weight:	4.7kg

