ZHC838 Environmental Sampling Controller

Overview:

This product is an environmental sampling controller and a computer room environment collection and control terminal. The environmental sampling controller is designed for real-time monitoring of the computer room environment, air conditioning monitoring and control (automatically turned on when incoming calls), intrusion, smoke, temperature and humidity, UPS and other equipment collection and control. Adopting mature signal sampling/control module and integration technology, providing general RS232/485 interface, TCP/IP network interface, switch input port, air conditioner remote control learning port, air conditioner infrared connection port, etc., used to collect various signals, suitable for multiple transmission method, using 1U standard chassis.

Features:

1. Communicate with the signal integrated converter through the 232 interface

2. Communicate with temperature and humidity sensor through DB9 interface

3. Communicate with smoke sensor through DB9 interface

4. Communicate with the air conditioning controller through the 485 interface

5. Communicate with uninterruptible power supply UPS through 232 interface

6. The air conditioner controller and the air conditioner have the same power supply to realize the function of powering on after a power failure

7. It has the functions of turning on the air conditioner after it is powered off, and remotely turning on and off the machine.

Technical Specifications:

1. Device interface: 10Base-T (RJ45), RS-232 (DB9 pin), RS-485 (DB9 pin), AC output connector (female), antenna interface (50Ω/SMA female)

2. Support protocol: TCP/UDP/IP, MODBUS

3. Network port rate: 10M/100M adaptive

4. Data word length: 7 or 8 bits

5. Stop bits: 1 to 2 bits

6. Parity check: odd, even, none

7. Equipment power supply: AC220V

8. Equipment power consumption: 10W

9. Use environment: $-30-70℃$

10. Equipment size: 19 inches, 1U (500mm×484mm×44mm)

11. Both sampling and control adopt industrial-grade communication modules and chips, with watchdog function