

ZHC1921

Ethernet

Modbus RTU



ZHC1921 is a network IO product that supports 6 channels of dry (wet) node detection, 4 channels of relay (COM, NO) output, 4 channels of analog (current 4~20mA) detection, and one serial port transparent transmission. It is compatible with Modbus RTU/TCP protocol. With "remote control" as the core function, it is highly easy to use, and users can easily and quickly integrate into their own systems to realize

Remote, LAN and local control of Ethernet and RS485.

Main advantage

- 4 relay outputs
- 6 DI (dry/wet node) input
- 2 PI (pulse) counting
- 4 analog (current) inputs
- ✓ TCP_Client/ MQTT_Client/ TCP_Server
- ✓ Modbus RTU/TCP
- ✓ Host, slave mode, host mode supports RS485 cascading multiple devices
- Cloud forwarding, cloud networking
- ✓ Local logic, inter-device logic
- Network registration package, heartbeat package
- ✓ Hardware watchdog
- Remote configuration, remote upgrade
- ✓ Host computer, web page
- Data trigger, regular report











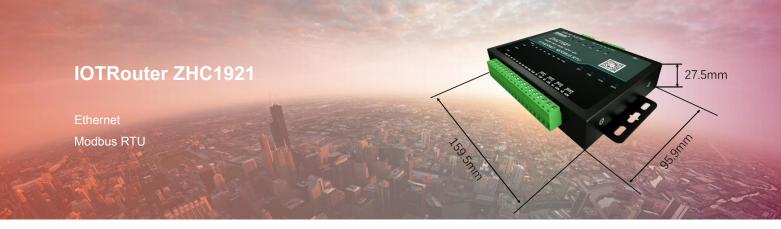












Network parameters

Network Type Ethernet

Number of network ports (10/100M) LAN *1

Ethernet signal RJ45 Network port type

Electromagnetic isolation protection 1.5KV electromagnetic isolation

Cross-direct connection automatic switching

External network transformer Not needed

Serial port

RS485*1 Number of ports

RS485: A, B standard

600 ~ 921600bps Baud rate

Data bit 8, 9

Stop bit 0.5, 1, 1.5, 2

Check Digit NONE EVEN ODD

DO

Number of interfaces 4 switching outputs NO*4, COM*4

standard

10 7 Mechanical durability Electrical durability 10 5

5A capacity

250VAC 30VDC

ΑI

Number of interfaces 4 analog inputs

AI*4, COM*2

examination range 4~20mA

DI

6 switch inputs Number of interfaces DI*6, COM*1 standard 5~50V->High Detection range (wet node)

0~2V->Low

Number of interfaces 2 pulse count PI*2, COM*1 standard examination range 10000Hz

power supply

9~36V Voltage

60mA(aver) @9V Current

30mA(aver) @36V

EMC

ESD IEC61000-4-2, Level 4

IEC61000-4-2, Level 3 surge

IEC61000-4-2, Level 3 Group pulse

