

PROIZVOD: AW27876

8-Ch Ethernet Relejni Modul (B)

NIŽE U ORIGINALU

8-Ch Ethernet Relejni Modul (B) sa digitalnim ulazima (3 D/I); I Relejnim izlazima 8 D/O, dodatno Modbus RTU/Modbus TCP, PoE Port, izolovan i sa zaštitnim kolima



Features At A Glance

This product is an industrial 8-ch relay module controlled via Ethernet port, with 8-ch digital input, adopts Modbus RTU/Modbus TCP protocols, supports PoE power supply, also comes with an ABS rail-mount case.

The Modbus POE ETH Relay (B) is very easy to use. Due to its fast communication, stability, reliability, and safety, it is an ideal choice for industrial control equipments and/or applications with high communication requirements.

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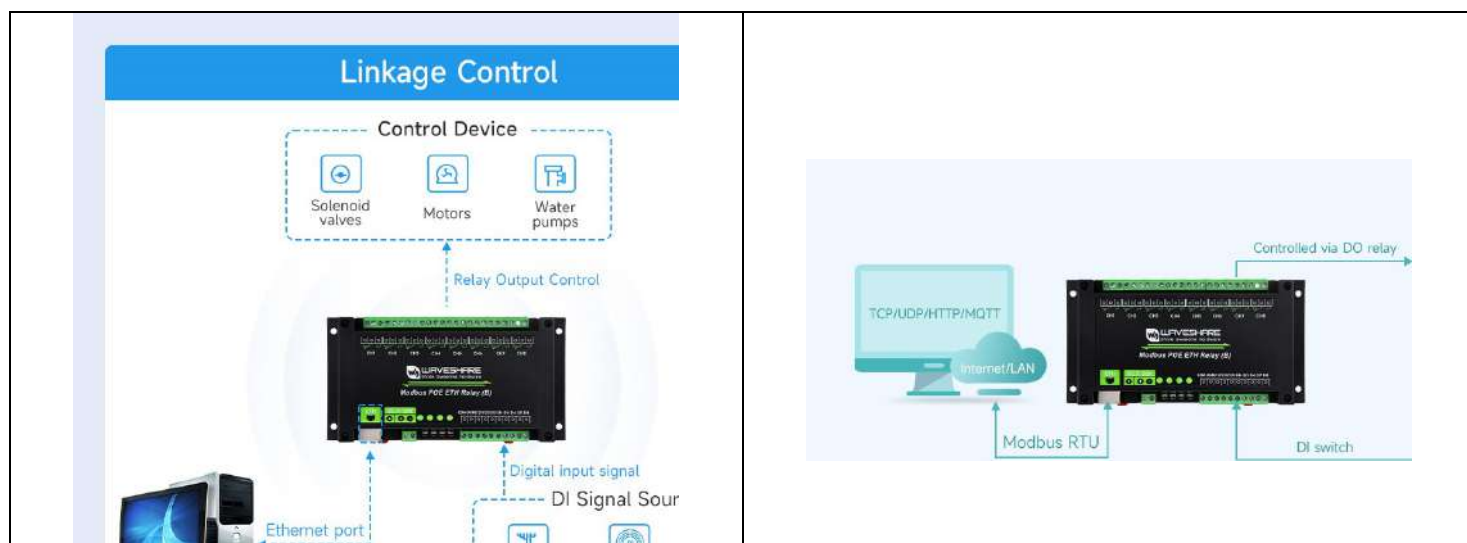
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- Features flash-on, flash-off function, by passing argument to the command, it is possible to turn on the relay for a while and then close it automatically
- Supports DC 7~36V wide range power input and PoE power supply
- Supports relay control through MQTT protocol, comes with Alibaba Cloud MQTT application demo

- Onboard Optocoupler isolation, prevent the relay from being interfered by high-voltage circuit
- Adopts dedicated relay driver chip, with built-in flyback diode protection, for stronger and more stable driving ability
- Supports passive and active digital input, with bi-directional optocoupler isolation, built in debouncing algorithm. The relay supports digital input linkage control or toggle control
- Reverse-proof circuit, prevent the circuit from being damaged accidentally by incorrect connection
- High quality relay, contact rating: $\leq 10A$ 250VAC/30VDC
- Rail-mounted ABS plastic enclosure, easy to install, safe to use
- 4 LEDs and Network indicators for indicating the MCU status and signal transceiving status

Primary Function

Supports Reading Digital Input By Sending Modbus RTU Protocol Commands Via Ethernet For Relay Output Control



Supports Multiple Communication Modes, Adopts Modbus Protocol

Supports TCP Server / TCP Client / UDP Mode / UDP Multicast / HTTP / MQTT

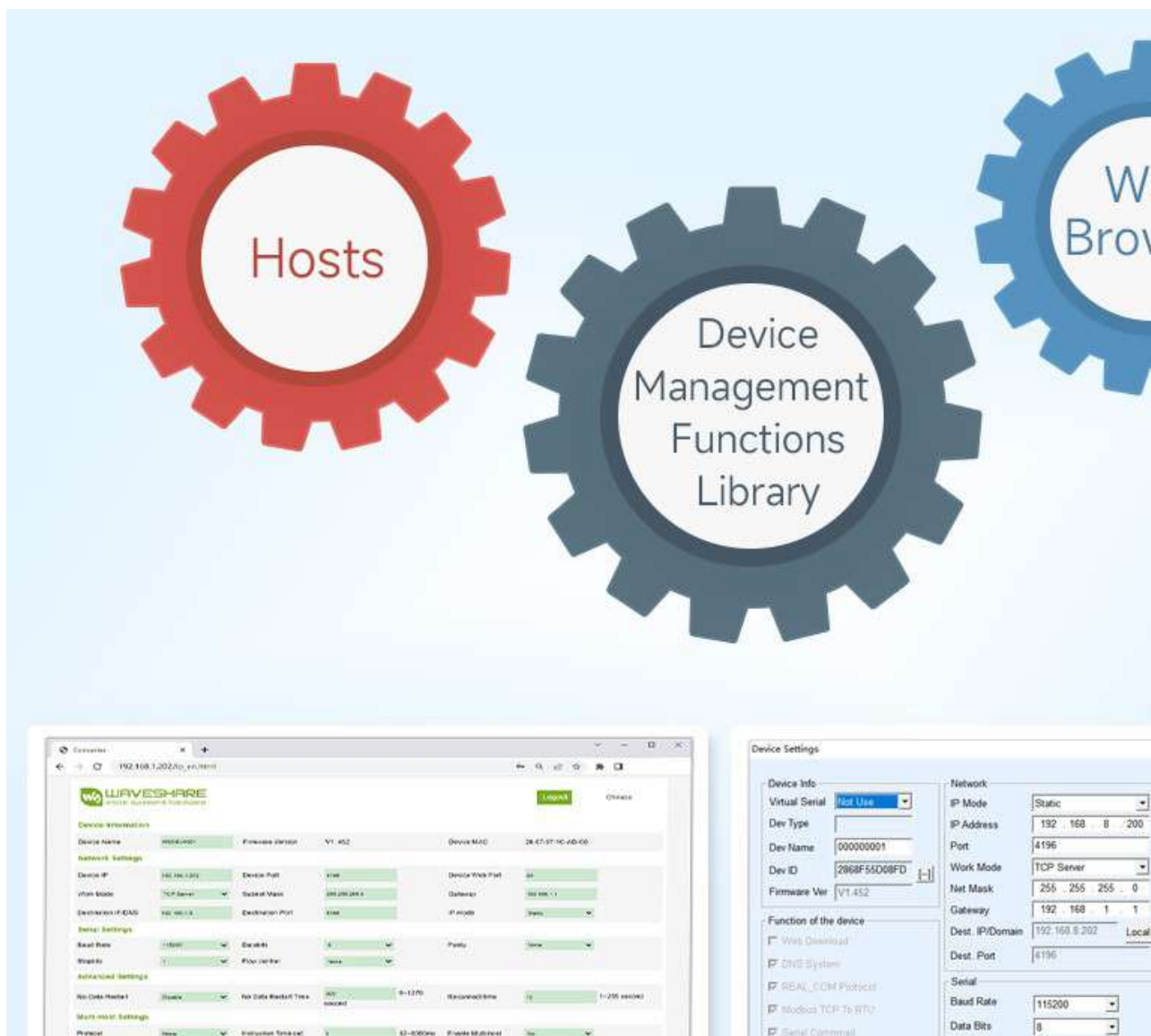
Supports Modbus RTU Protocol/Modbus TCP Protocol

Multi Configuration Methods

Supports Software And Web Browser Configuration, Obtaining Dynamic IP Via DHCP, Connecting To Domain Name Server Via DNS Protocol



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Multi Power Supply Options, Wide Range Power Input

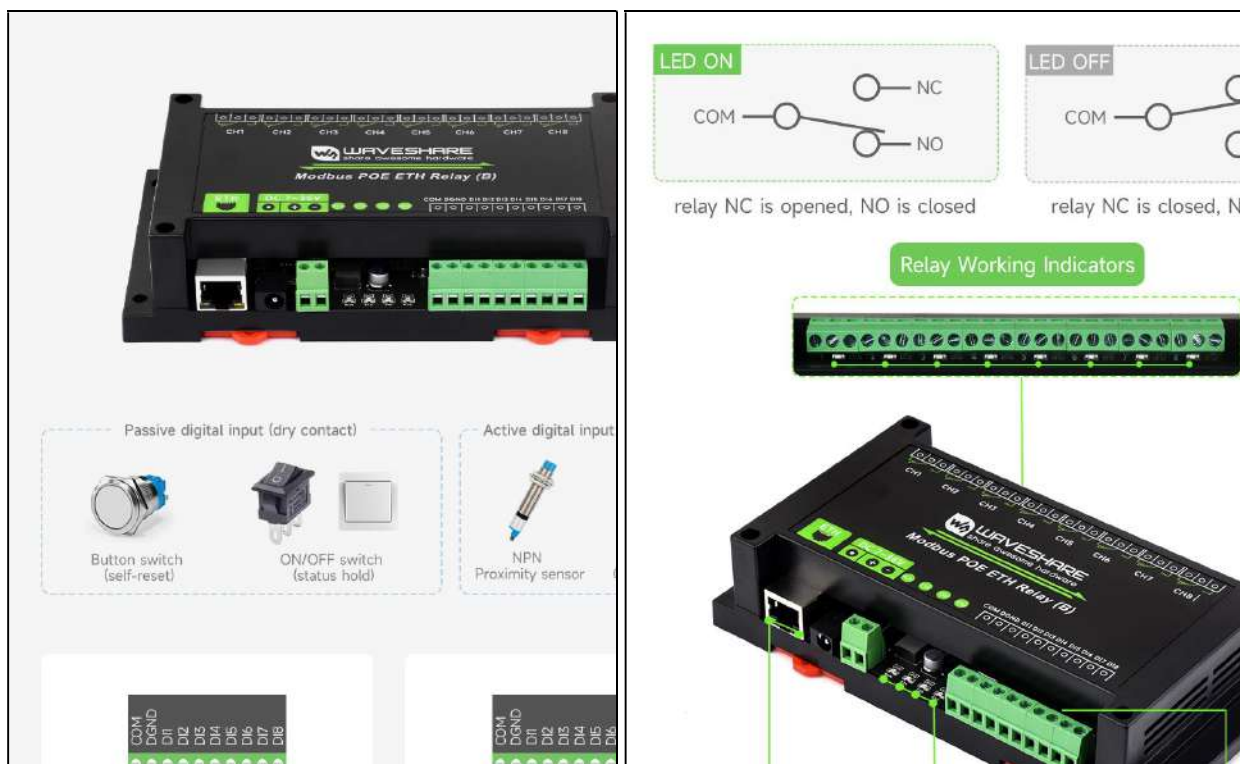
DC Power Port: Directly Uses A Power Plug For Power Supply; Screw Terminal: DC 7~36V Wide Range Power Input; PoE Port: IEEE 802.3af PoE Compliant



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* The external power supply adapter is NOT included by default, it is recommended to purchase 12V power supply if you need it.
Digital Input

Supports Passive (Dry Contact) And Active (Wet Contact) Digital Input, With Bi-Directional Optocoupler Isolation



Interfaces & Indicators

With Multiple LED Indicators, Easy To Monitor the Operating Status

RUN	Ethernet port indicator, blinking when Ethernet port normally working
STA	MCU indicator, blinking when the MCU normally working
TXD	TX indicator, lights up when sending data
RXD	RX indicator, lights up when receiving data
ETHERNET PORT GREEN INDICATOR	Lights up when the connection is established
ETHERNET PORT YELLOW INDICATOR	Data activity indicator, blinking when transmitting data

Multiple Modes for Various Automation Scenarios

Supports Multiple Relay Control Modes, Each Channel Supports Independent Control Mode Setting

Normal Mode

Command direct control



Flash ON / Flash OFF

Flash on: sending a command to turn on the output for a while and then turn it off automatically
Flash off: sending a command to turn off the output for a while and then turn it on automatically
Setting time interval by passing argument to the command

Linkage Control

The output status follows the digital input status



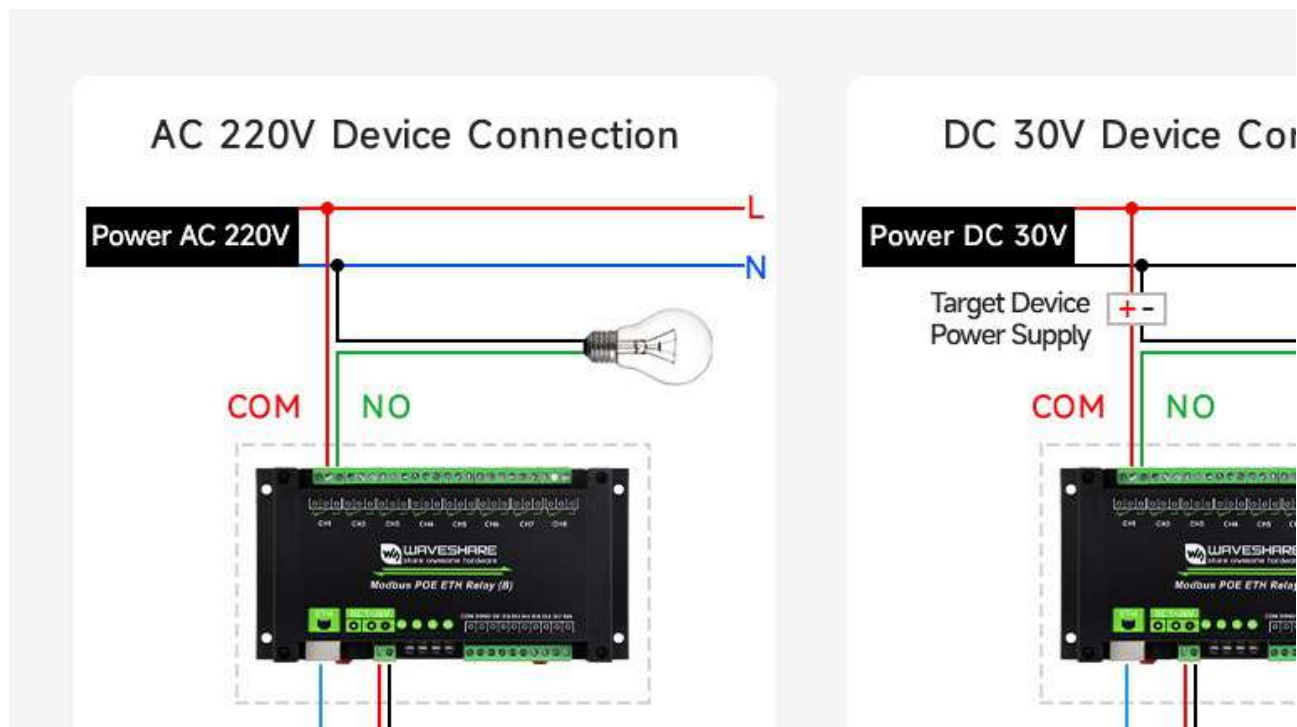
Toggle Mode

When inputs a pulse, the output status will toggle



Relay Connection

Contact Rating Of The Onboard Relay Up To 10A 250VAC/30VDC
Directly Controlling 220VAC Home Appliances, Or Devices Below 30VDC



Applications



Industrial Control

Valve control, pump station control, unattended industrial control system



Smart Home

Controlling appliances like air conditioner, access control, pump heater, etc.



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Outline Dimensions

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