

GW11XX 3IN1 Series 4/8-port RS-232/485/422 to 1/2-port 10/100Base-T(X) Modbus Gateway

Serial-to-Ethernet Modbus Gateways

Features

- Supports 1/2-port 10/100Base-T(X) and 4/8-channel RS-232/485/422 serial port optional
- The 2-port 10/100Base-T(X) Modbus gateway supports two IP addresses and two MAC addresses
- Supports 300~115200bps non-blocking communication
- Supports RTU Slave, RTU Master, ASCII Slave and ASCII Master working modes
- Supports Modbus TCP, Modbus RTU, Modbus ASCII, IP, ARP, DHCP and DNS protocols
- Slave mode support 16 TCP master connections
- Master mode support 32 slave TCP connection requests
- Supports response timeout and interval timeout settings
- Supports ID mapping function, to achieve the management of the host ID
- Supports WEB and Telnet configurations
- Supports IP address and MAC address filtering function
- Supports cross-gateway and cross-router communication
- Provide Windows configuration tools for easy to use, easy to bath install.
- IP30 protection grade, metal shell, wall mounted installation
- No fan, low consumption design
- Working temperature: -40~85°C



Introduction

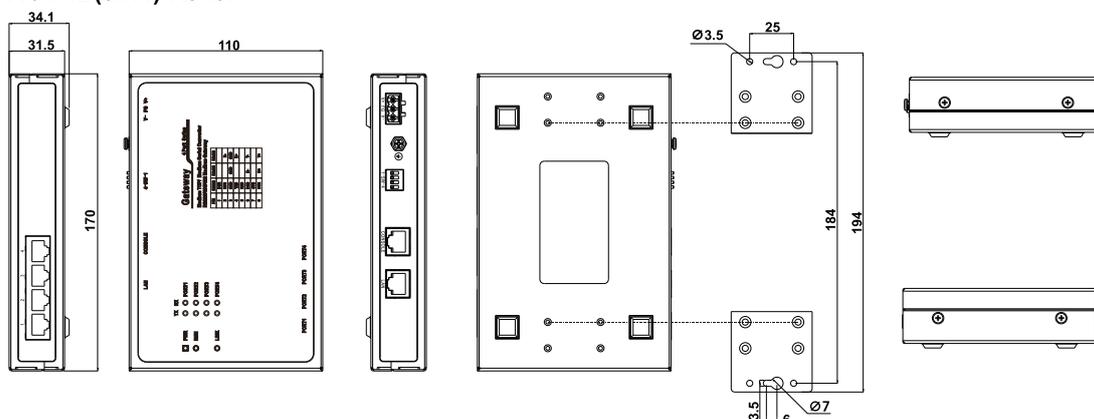
GW11XX 3IN1 series gateways are serial-to-Ethernet Modbus gateways that convert between Modbus TCP and Modbus RTU/ASCII protocols. They support 4/8-channel RS-232/485/422 serial ports (RJ45) and 1/2-port 10/100Base-T(X) Ethernet interface optional.

Modbus TCP, Modbus RTU and Modbus ASCII protocol are integrated in the products, users can easily realize the seamless integration of Modbus Ethernet devices and Modbus serial devices and even multi master and slave hybrid networks. At the same time, the user can be set up by Web or Telnet. The simple design can not only realize the fast application, but also guarantee the application of the entire real industrial environment.

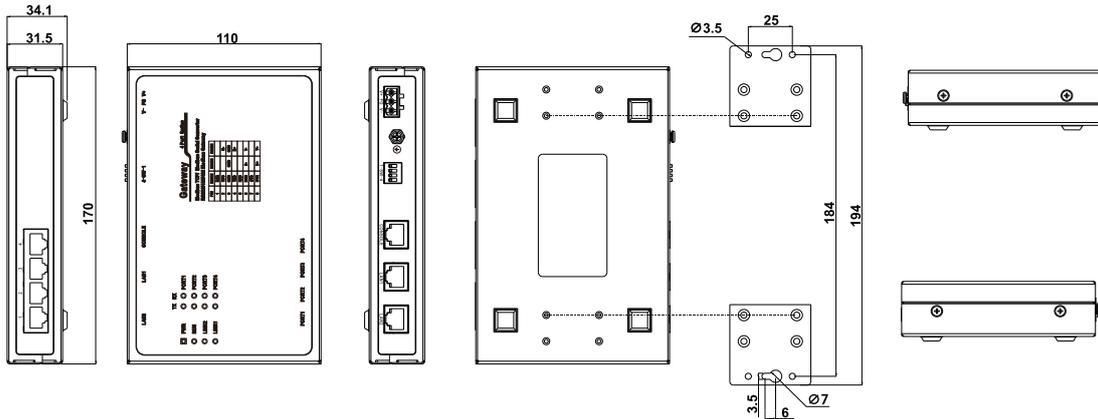
The products using EMC protection design. Power has over current, over voltage protection, and can work in rugged environment. The design support wall mounting installation, easy to use for your projects.

Dimension (Unit: mm)

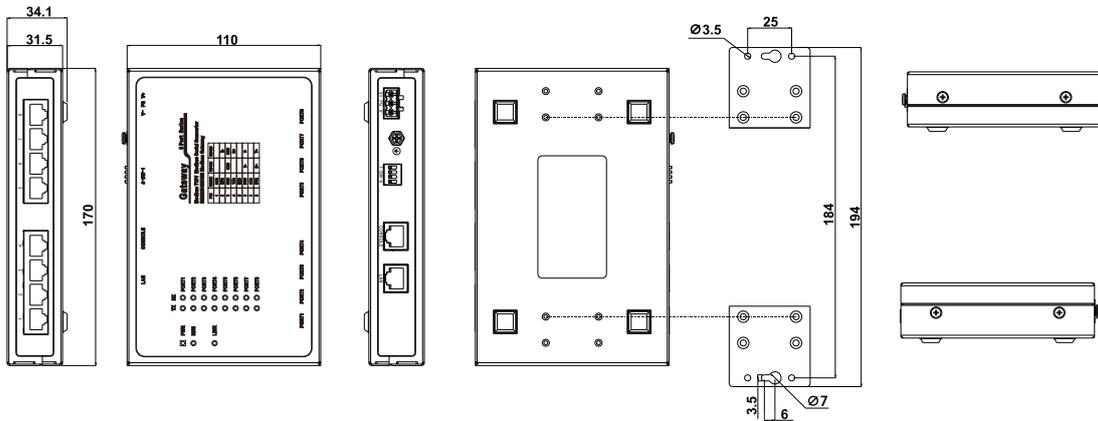
GW1104-4D(3IN1)-RJ45:



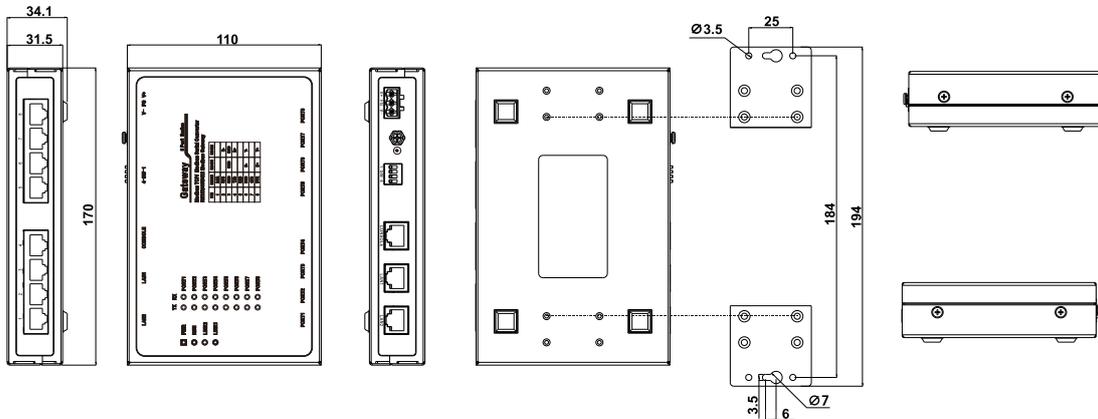
➤ **GW1114-4D(3IN1)-RJ45:**



➤ **GW1108-8D(3IN1)-RJ45:**



➤ **GW1118-8D(3IN1)-RJ45:**



Specification

Ethernet port

Standard: 10Base-T, 100Base-TX
 Protocol: Support Modbus TCP, Modbus RTU, Modbus ASCII, IP, APR, ICMP, DNS and DHCP
 Signal: Rx+, Rx-, Tx+, Tx-
 Speed: 10/100Mbps
 Working: Full duplex and half duplex
 Transfer distance: 100m
 Connector: RJ45

Serial port

Serial port number: RS-232/485/422
 RS-232 signal: DSR, RTS, GND, TXD, RXD, DCD, CTS, DTR
 RS-485 signal: D+, D-, GND
 RS-422 signal: T+, T-, R+, R-, GND
 Parity bit: None, Even, Odd, Space, Mark
 Data bit: 7bit, 8bit
 Stop bit: 1bit, 2bit
 Baud rate: 300bps ~ 115200bps

