

# WPC-832-2-Modbus-MQTT

# 2-Port Serial to Ethernet & Wi-Fi MQTT Publisher / Subscriber



## Features

- Support Modbus TCP to Modbus RTU/ASCII
- Support 32 Topics, register length adjustable
- Support to query 4 remote TCP devices
- Easy MQTT settings by web Browser configuration
- Easy installation with Windows IP utility
- On line F/W upgrade

## System

- CPU : MT7688AN MIPS CPU, 580 MHz
- RAM : 128M Bytes DDR2 RAM
- ROM : 32M Bytes Flash ROM
- OS : OpenWrt Linux OS

## Ethernet

- Port Type : RJ-45 Connector
- Speed : 10 /100 M bps ( Auto Detecting )
- Protocol: ARP, IP, ICMP, UDP, TCP, HTTP, DHCP,
- Protocol: DNS, NTP
- Mode : TCP Server / TCP Client / UDP
- Setup : HTTP Browser Setup (IE & Netscape), Console
- Security : Setup Password
- Protection : Built-in 1.5KV Magnetic Isolation

## Serial Ports \*2

- Port : RS-232
- Port : RS-422 / 485 ( Surge Protect )
- Speed: 300 bps ~ 921.6 K bps
- Parity: None , Odd , Even
- Data Bit : 5 , 6 , 7 , 8
- Stop Bit : 1 , 2
- RS-232 Pins : Rx , Tx , GND
- RS-422 : Rx+ , Rx- , Tx+ , Tx- ( Surge Protect )
- RS-485 : Data+ , Data- ( Surge Protect )
- 15KV ESD for all signals

## Other Features

- Led Lamp : SYS, WiFi, RX, TX, LAN
- Watch Dog Function

## Warranty

- Warranty period : 1 year.

## WiFi

- Standard : 802.11b/g/n
- Data Rate : 11/54/72.2 Mbps @ 20Mhz Band Width
- Modulation : DSSS; OFDM
- Frequency : 2.4GHz
- Tx Power 11b : Max. 22dBm
- Tx Power 11g/n : Max. 19dBm
- Rx Sensitivity : -76dBm@54Mbps; -89.5dBm@11Mbps
- Tx Rate : Max. 54Mbps with auto fallback
- Tx Distance : Up to 100m
- Security : WEP 64-bit / 128-bit data encryption, WPA / WPA2
- Antenna : 2 dBi ; RP-SMA connector
- Network Mode: Infrastructure; Soft AP (for Setup)
- Mode : TCP Server/ TCP Client/ UDP/ Virtual Com/ Pairing
- Setup : HTTP Browser Setup (IE, Chrome, Firefox)
- Security : Login Password

## Mechanical and Environment

- Operating Temperature : -20°C ~ 70°C
- Storage Temperature: -25°C ~ 80°C
- Dimensions : 110 \* 90 \* 26 mm ( W \* D \* H )
- Weight : 110 ± 5gm
- Housing: plastic.

## Power

- DC 9~32V, 200mA@12V, support DC Jack & Terminal Input
- PoE : Power over Ethernet 802.3 af (option )

