

Modbus RTU/ASCII to Wi-Fi/Ethernet (Modbus TCP)

EX9486CW-MTCP(Wi-Fi Modbus TCP)

EX9486CW-MTCP



Features

- Modbus RTU/ASCII to Wi-Fi/Ethernet (Modbus TCP)
- Modbus RTU/ASCII Slave to Modbus TCP Master
- Modbus TCP Slave to Modbus RTU/ASCII Master
- Modbus modes*4 Browser selectable
- Support 8 TCP Masters simultaneously
- Support serial Master access to 8 TCP Slaves
- Web Browser Configuration
- Easy Wireless setup by PC or Mobile
- Supports 802.11b/g/n

Specification

HARDWARE

CPU	MT7688AN MIPS CPU, 580 MHz
RAM	128M Bytes DDR2 RAM
ROM	32M Bytes Flash ROM

ETHERNET

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

OTHERS

Digital Input / Output	GPIO * 8 Pins
USB (Host * 1 port)	On PCB
RTC	Real Time Clock * 1
Watch Dog Function	
Led Lamp	SYS (PWR) , LAN , RX , TX
Dimensions	10 * 9 * 25 cm (W * D * H)
Weight	150 gm
RoHS	Compliant with RoHS
Certificate	CE/FCC Class A

SERIAL PORTS * 2

Port	RS-232 * 1, RS-422/485 * 1
Port	RS-422/485 (Surge Protect)
Speed	300 bps ~ 230.4 K bps
Parity	None, Odd, Even, Mark, Space
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	

WIFI PORT

2.4G WiFi IEEE 802.11 b/g/n
Support AP / Station

ENVIROMENT

Operating Temperature	-20°C ~ 70°C
Storage Temperature	-25°C ~ 80°C

SOFTWARE

OS Open Wrt Linux OS

POWER

Input DC 9 ~ 32V, 1000mA @ 12VDC ,
Support DC Jack & Terminal Input

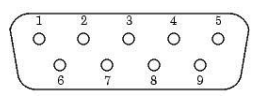
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Order Information

- Optional : Din-Rail mounting kits
 Power supply(Linear/ Switching)
 Accessories : CD(Utility; Manual; Warranty sheet)
 Relative products: EX9132CST-2/EX9132CST-DIO
 EX9133C-2/EX9133C-RS232/EX9133C-RS485,
 EX9133C-2-MTCP
 EX9486C-W/EX9486CW-MTCP

Port RS232/422/485 Selectable:
 RS232 Port Pin Assignment
 Male DB9

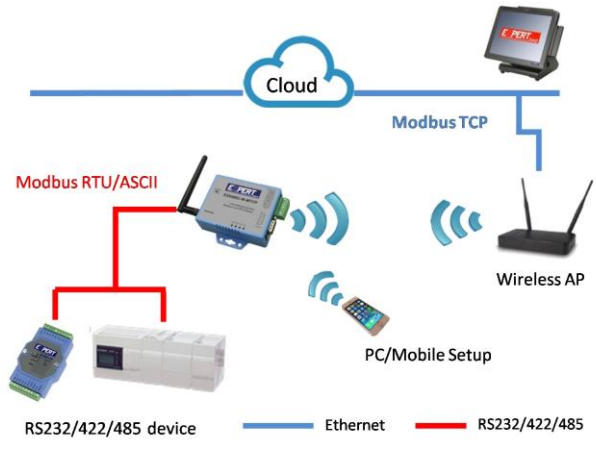


RS485/422 Port: 4-pin Terminal Block

D+	D-	X	X
T+	T-	R+	R-

Applications of ModbusTCP(master) to Modbus RTU/ASCII(slave)

Support 8 TCP Masters simultaneously



Applications of Modbus RTU/ASCII(master) to Modbus TCP(slave)

Serial Master access to 8 TCP Slaves

