

EB-412

4-Port Modbus RTU/ASCII To Modbus TCP Gateway



Feature

- Software : TCP to RTU Slave, RTU Master to TCP Slave , TCP to ASCII Slave, ASCII Master to TCP Slave
- Utility : Built-in Web server Setup, Easy Operation
- 3000V DC Isolation (option)
- Support 8 simultaneous TCP Master, 32 simultaneous Request for each TCP Master



Specifications

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	NTP, FTP
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 *4

Port	RS – 232, RS-422/485 (RS-232 RX/TX only)
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)
Protection	15KV ESD for all signals

Power

Input DC 9~32V, 200mA@12V, support DC Jack & Terminal Input

WiFi port (Optional)

Standard 2.4G IEEE 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 personal

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℃~70℃

Storage Temperature -25℃~80℃

Dimensions 195 x 120 x 35 mm (W x D x H), W+16mm x2 for din rail extension.

Weight 660 gm

Housing Metal

Other Features

Led Lamp SYS (PWR), WIFI, RX , TX, LAN

Watch Dog Function

Regulatory Approvals

EMC FCC Class A, CE Class A

RoHS Compliant with RoHS

Warranty

Warranty period 1 year

Ordering Information

EB-412-L-MB 4-Port Modbus RTU/ASCII To Modbus TCP Gateway

EB-412-W-MB 4-Port Modbus RTU/ASCII To Modbus TCP Gateway with WI-FI

Due to continuous improvement, all product specifications are subject to change without further notice.