



## Features

- As a Server support 4 TCP Clients connection.
- As a Client support 4 TCP Servers connection.
- Web Browser configuration
- Easy installation Windows 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: NTP, DNS
- 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 - 232/422/485 \* 2 Port (RS-232 RX/TX only)
- Port : RS - 422 / 485 ( Surge Protect )
- Speed: 300 bps ~ 921.6 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

## Power

- DC 9~32V, 1000mA@12V, support DC Jack & Terminal Input
- PoE : Power over Ethernet 802.3 af (option )

## Warranty

- Warranty period : 1 year.

## Mechanical and Environment

- Operating Temperature : -20°C ~70°C
- Storage Temperature: -25°C ~80°C
- Dimensions : 120 \* 110 \* 30 mm ( W \* D \* H )
- Weight : 430 ± 5gm
- Housing: metal.

## WiFi port

- 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 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

## Other Features

- \*\*Digital Input / Output : GPIO \* 8 Pins
- \*\*I2C Interface \* 1 port
- \*\*SD Interface : micro SD card ( for 16G storage )
- \*\*USB Host \* 1 port : for Memory Storage, CAMERA
- \*\*Buzzer
- LED Lamp : SYS, PWR, PoE(option), WiFi, RX, TX, LAN
- RTC : Real Time Clock
- Watch Dog Function