Serial to WIFI and Ethernet Converter

Specifications

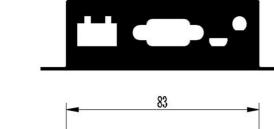
System Information	
Processor	MIPS solution (32bit 360MHz)
RAM / Flash	8M / 1M
Ethernet	
Port Number	2 (with exchange function)
Interface Standard	8 pin RJ45 (2 Ethernet : LAN/WAN optional)
Rate	10/100 Mbps, MDI/MDIX, auto switch
	between cross and direct connection
Protection	2KV electromagnetism isolation
	Shell insulation blocking
Network Protocol	IP, TCP, UDP, DHCP, DNS, HTTP, ARP, ICMP
	Web socket, Httpd client
Receive Buffer	64K byte
Max. TCP Connection	32
Wi-Fi	
Standard	802.11 b/g/n
Network Mode	AP / Station
Max TCP Connection	24
Frequency Range	2.412 GHz - 2.484 GHz
Transmit Power	802.11b:+ 20 dBm (Max)
	802.11g:+18 dBm (Max)
	802.11n:+15 dBm (Max)
Receive Sensitivity	802.11b:-89dbm
	802.11g:-81dbm
	802.11n:-71dbm
RF Model	DSSS / OFDM
Transmission Rate	802.11b: 11 Mbps
	802.11g: 54 Mbps
	802.11n: 54 Mbps
Transmission Range	Max 200m (open horizon, 3dbi antenna)
Wireless Network Security	WEP: 64-bit/128-bit data encryption
	WPA, WPA2, 802.11i: advanced mode
	and PSK mode
	Encryption: 128-bit TKIP, AES, TKIP/AES
Antenna Interface	SMA

■ ■ USR-W630

Serial RS232 RS485 to Wi-Fi And Ethernet Converter It is wireless networking server, which is used for RS232/RS485 serial equipment to Wi-Fi or Ethernet networking. And It has 2 channel RI45 port.

■ ■ RS232 RS485 to Wi-Fi

- Support exchanger and router function
- Support Hardware AP, HTTPD Client and WEB IO
- Support TCPB Function
- Support hardware flow control (RTS/CTS) RS232 interface, male mouth(needle) consistent with computer pin definition
- Support WebSocket and UsrLink
- RJ45 connection, support wired Ethernet transmission
- Reload button, do not worry incorrect settings
- Support RS232 RS485 Data Interface, RS232 RS485 automatic switching
- Rich status indicator light:Power/Ready/Link/NET1/NET2
- Design with positioning hole, convenient installation
- Highest support baud rate 460800 bps
- TCP Server/TCP Client/UDP Client/ UDP Server TCP Server mode can support up to 32 Clients
- Support mutual conversion between Modbus TCP and Modbus RTU
- Pin 9 of the DB9 can be connected to power input (solder jumper on the back of PCB), used for power the sensor or the serial port cable power Convert Server.
- Username/Password Verification
- Support Webpage Configuration







UNIT: MM

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Serial	2 (1*RS-232, 1*RS-485)
Port Number	
	can not work at the same time
Interface Standard Data Bits	RS-232: DB9 pin type RS-485: 2 wire (A+, B-, GND)
Stop Bit	5,6,7,8 1,2
Check Bit	None, Even, Odd, Space,Mark
Baud Rate	300 bps-460800 bps
Flow Control	RTS / CTS
Buffer	Send and receive 4K bytes respectively
Protection RS-485	Surge protection
	Lightning protection
	Over current protection
	Anti-static protection
RS-485 Pull-up and Pull-down Resistor	2.2 ΚΩ
Basic Parameter	
Size	103 x 105 x 28 mm
Operating Temp.	-25 - 85°C
Storage Temp.	-40 - 125°C
	5 - 95% RH (no condensation)
Input Voltage	DC 5 ~40 V
Working Current	170 ~ 350 mA @ 5V
Power	AP: 170mA @ 5V
	STA: 170mA @ 5V
	EPHY(1): 210mA @ 5V
	EPHY(2): 250mA @ 5V
	AP: 60mA @ 12V
	STA: 60mA @ 12V
	EPHY(1): 80mA @ 12V
	EPHY(2): 100mA @ 12V
Software	
Virtual Serial USR-VCOM	Windows 2000 or higher (32 bit/64 bit)
Configuration	Built-in web page
	Computer set-up software
	Serial AT command
Accessories	
	5V 1A high-quality power supply
	Female to female serial line
	Cable,3dbi antenna
More	
Certificate	CE, FCC, ROHS, TELEC
Warranty	2 years