WIFI MODULE--LOW POWER

■ ■ ■ USR-WIFI232-T

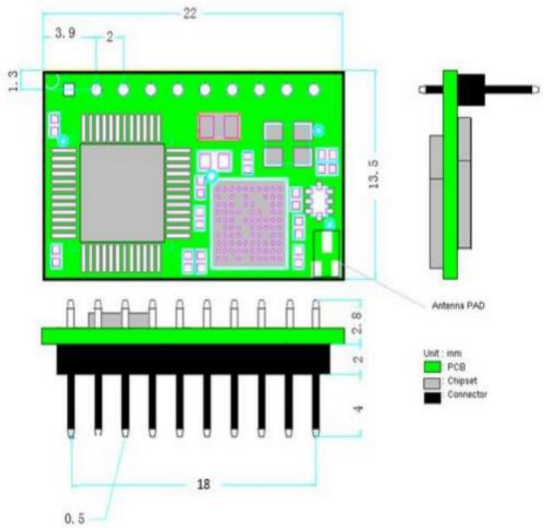
Serial device easy to Network

USR-WIFI232-T is a uart to wifi module,used for data transparent transmission.

USR-WIFI232-T wifi module can connect with any serial device for data transmission. It can send data from UART to WIFI in TCP client,TCP server and UDP mode.

■ ■ ■ UART to WIFI module

- Support IEEE802.11b/g/n Wireless Standards
- Based on Self-developed High Performance MCU
- Ultra-Low-Power Applications with Excellent Power Save
- Support UART/WPM/GPIO Data Communication Interface
- Support Work As STA/AP Mode
- Support SmartLink Function (APP program provide)
- Support UsrLink Function (Fast set SSID)
- Support Wireless Upgrade Function
- Support WPS Function
- Support Multi-TCP Link (5 Channel) Apllication
- Single +3.3V Power Supply
- Smallest Size : 22mm x 13.5mm x 6mm



unit of measurement(mm)

Specifications	
Wireless Parameters	
Certification	FCC/CE/ROHS
Wireless Standard	802.11 b/g/n
Frequency Range	2.412GHz-2.484GHz
Transmit Power	802.11b: +16 +/-2dBm (@11Mbps)
	802.11g: +14 +/-2dBm (@54Mbps)
	802.11n: +13 +/-2dBm (@HT20, MCS7)
Receive Sensitivity	802.11b: -93 dBm (@11Mbps ,CCK)
	802.11g: -85dBm (@54Mbps, OFDM)
	802.11n: -82dBm (@HT20, MCS7) External: I-PEX connector
Hardware Parameters	
Data Interface	UART/PWM/GPIO
Operating Voltage	2.8~3.6V
Operating Current	Continuous TX: ~200mA
	Normal Mode: Average: ~12mA,Peak: 200mA
	Standby: <200uA
Operating Temp.	-40℃ ~ 85℃ industrial
Size	22mm x 13.5mm x 6mm
External Interface	1x10,2mm Pin (0 or 90 degree)
Software Parameters	
Wireless Network Type:	STA/AP
Security Mechanism	WEP/WPA-PSK/WPA2-PSK
Encryption Type	WEP64/WEP128/TKIP/AES
Update Firmware	Local Wireless
Customization	Support custom webpage,provide SDK for secondary development (VIP client)
Network Protocol	IPv4, TCP/UDP/HTTP
User Configuration	AT+command, Webpage Android/iOS APP Smart Link configurating APP

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