

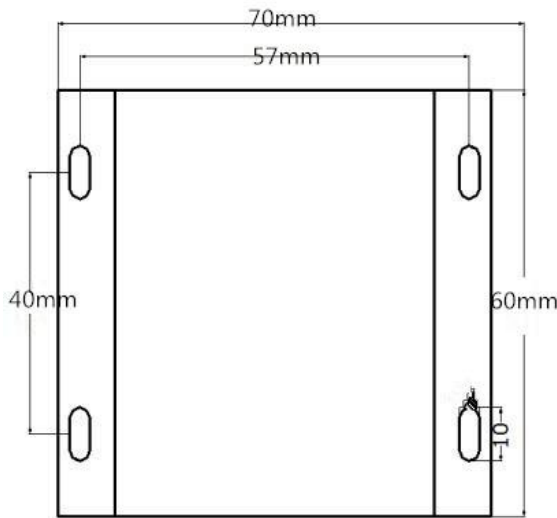
■ ■ ■ USR-WIFI232-200

**Serial device easy to Network**

USR-WIFI232-200 is lower power serial to wifi converter, which is a RS232 to WIFI converter for data bi-directional transmission. USR-WIFI232-200 embedded USR-WIFI232-2, have small size and support WPS and Smart link functions.

■ ■ ■ Serial to Wifi Converter

- Support IEEE802.11b/g/n Wireless Standards
- Support WIFI2.4 GHz, support WEP, WPA/WPA2 security
- Based on Self-developed High Performance MCU
- Ultra-Low-Power for Battery Applications with Excellent Power Save Scheme
- Support RS232 Data Communication Interface
- Support Work As STA/AP/AP+STA Mode
- Support SmartLink Function (APP program provide)
- Support Wireless Upgrade Function
- Support WPS Function
- Support Multi-TCP Link (5 Channel) Application
- Support external Antenna
- Single +5V Power Supply



**Specifications**

**System Information**

Processor	ARM
RAM / Flash	128KB / 2MB

**Network Parameter**

Network Protocol	IP, TCP, UDP, DHCP, DNS, HTTP, ARP, ICMP
Receive Buffer	1.4K byte
Max. TCP Connection	5

**WIFI**

Standard	802.11 b/g/n
Network Mode	AP / Station / AP+Station
Access Terminal Quantity in AP Mode	2
Frequency Range	2.412 GHz ~ 2.484 GHz
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)
RF Model	DSSS / OFDM
Transmission Rate	802.11b: 11 Mbps
	802.11g: 54 Mbps
	802.11n: 54 Mbps
Transmission Range	Max 269m(open horizon,3dbi antenna)
Antenna Interface	SMA

**Serial**

Port Number	1
Interface Standard	RS-232: DB9 pin type
Data Bits	8
Stop Bit	1, 2
Check Bit	None, Even, Odd
Baud Rate	RS-232: 600 bps ~ 460800 bps
Flow Control	Null
Buffer	send and receive 1000 bytes respectively

**Software**

Virtual Serial (USR-VCOM)	Windows 2000 or higher (32 bit/64 bit)
Configuration	built-in webpage,computer set-up software,serial command

**Basic Parameter**

Size	76 x 71 x 25 mm
Operating Temp.	-25 ~ 85°C
Storage Temp	-40 ~ 125°C, 5 ~ 95% RH (no condensation)
Input Voltage	DC 5 ~ 9 V
Working Current	300 mA (MAX) @ 5V
Power	<1W (AP: 60mA @ 5V, STA: 12mA @ 5V)

**More**

Warranty	2 years
Accessory	5V1A high-quality power supply,3dbi antenna

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