WIFI Module specification

Model	RL-UM02BL
Product Name	WLAN 11n USB module
Major Chipset	Realtek RTL8188CUS
Standard	802.11b/g/n, 802.3, 802.3u
Data Transfer Rate	1,2,5.5,6,11,12,18,22,24,30,36,48,54,60,90,120 and maximum of 150Mbps
Modulation Method	BPSK/ QPSK/ 16-QAM/ 64-QAM
Frequency Band	2.4GHz ISM Band
Spread Spectrum	IEEE 802.11b: DSSS (Direct Sequence Spread Spectrum) IEEE 802.11g/n:OFDM (Orthogonal Frequency Division Multiplexing)
RF Output Power	4dBm@11n,10dBm@11b,5dBm@11g
Power Tolerance	$\pm$1dB
Operation Mode	Ad hoc, Infrastructure
Receiver Sensitivity	11Mbps -85dBm@8%,54Mbps -72dBm@10%,130Mbps -65dBm@10%
Operation Range	Up to 180 meters in open space
OS Support	Windows XP /Vista /Mac /Linux
Security	WEP, TKIP, AES, WPA, WPA2
Interface	USB 2.0
Power Consumption	DC3.3V Maximum power dissipation in 130MA
Operating Temperature	-20 – 50° C ambient temperature
Storage Temperature	-10 ~ 70°C ambient temperature
Humidity	5 to 90 % maximum (non-condensing)
Dimension	25．0 x 12 x 2.0mm (LxWxH)