

WL-700N-MRT

802.11N Wireless USB Adapter



Ntensity™



FEATURES

- Complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, IEEE 802.11b standards
- Provides USBv2.0 port
- Provides max. 150Mbps receiving rate and 150Mbps sending rate
- Supports 20MHz/40MHz frequency width
- Auto-detects and changes network transmission rate
- Provides two work modes: Infrastructure and Ad-Hoc
- Supports Soft AP
- Supports PSP, WII and NDS connecting to Internet
- Supports 64/128-bit WEP, WPA/WPA2 encryption methods and 802.1x authentication standards
- Supports WPS (Wi-Fi Protected Setup) encryption method to free you from remembering long passwords
- Supports WMM to make your voice and video more smooth



DESCRIPTION

- ▶ WL-700N-MRT utilizes the very latest wireless networking technology—IEEE802.11n (Draft 2.0). Unlike ordinary wireless networking technologies that are confused by signal reflections, the 802.11n's MIMO (Multi Input, Multi Output) actually uses these reflections to increase 4 times range of 802.11g and reduce "dead spots" in the wireless coverage area. It complies highly with IEEE802.11g/IEEE802.11b standard, but when both ends of the wireless link are Wireless-N, the speed can be increased even 3 times of 802.11g by using twice as much radio band.
- ▶ WL-700N-MRT supports Wi-Fi Protected Setup (WPS) to free you from remembering long passwords. Besides, it can alternate its role as Soft AP (access point) to allow other wireless network to be connected with, and support PSP, WII, and NDS connecting to Internet and Xlink Kai on Station mode. Moreover, WMM (Wi-Fi Multimedia) support can make your voice and video more smooth.

SPECIFICATION

Main Chip Model:	REALTEK 8188SU	Max. Consumption	0.6W
Frequency Range:	2.412GHz~2.484GHz	Operating Temperature	0°C~40°C
Maximum Output Power:	18dbm	Storage Temperature	-40°C~70°C
Input Voltage Range (VAC)	5V	Operating Humidity	10%~ 90% RH Non-condensing
Output Voltage Range(VDC)	1.5V/3.3V	Storage Humidity	5% ~ 90% RH Non-condensing
Description of the LED indicators (Working normally)	Always ON when it works well; blinking when it is transmitting and receiving data		
speed	11b	11 Mbps/5.5 Mbps/2 Mbps/1 Mbps	
	11g	54 Mbps /48 Mbps /36 Mbps /24 Mbps/18 Mbps/12 Mbps/9 Mbps/6 Mbps	
	11n	40 M:130Mbps/117Mbps/104Mbps/78Mbps/52Mbps/39Mbps/26Mbps/13Mbps 20M:65Mbps/58.5Mbps/52Mbps/39Mbps/26Mbps/ 19.5Mbps/13Mbps/6.5Mbps	

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