PLANET
Networking & Communication

WRT-410

54/108Mbps Wireless Broadband Router

WRT-410 is a broadband router integrated with an 802.11g Access Point. IEEE 802.11g uses 2.4GHz frequency band, the same as IEEE 802.11b; but it provides almost 5 times throughput rate than 802.11b. With the latest innovative Super G technology integrated, the maximum data rate of WRT-410 is 108Mbps, which doubles the speed of standard 802.11g. WRT-410 is also backward compatible and interoperable with IEEE 802.11b compliant wireless devices. Except for 64/128bit WEP encryption, WRT-410 also implements WPA (Wi-Fi Protected Access) and 802.1x authentication. Cooperating with a RADIUS server can make your wireless LAN more secure then ever. Provided with one reversed-polarity SMA male connector, WRT-410 is easy to connect external antenna and booster to extend the wireless distance.

With the built-in AP on the LAN side, all wireless clients can share the same broadband Internet connection and access other Ethernet devices on the LAN through the router's built-in 4-port switch. Virtual server, DMZ and natural firewall functions provide additional security and flexibility for both wireless and wired LAN users.

▶▶ Key Feature

- ❒ 2.4GHz ISM band, unlicensed operation
- ❒ Strong network security with WPA (Wi-Fi Protected Access), 802.1x authentication, and 64/128-bit WEP encryption
- ❒ Dual-standard capability: 802.11g and 802.11b compliant
- ❒ Super G mode provides up to 108Mbps data rate
- ❒ Supports DHCP server
- ❒ Web Configuration provide a user friendly interface for the user to configure through web browser
- ❒ Support MAC Filter
- ❒ Build-in 4 -port switch
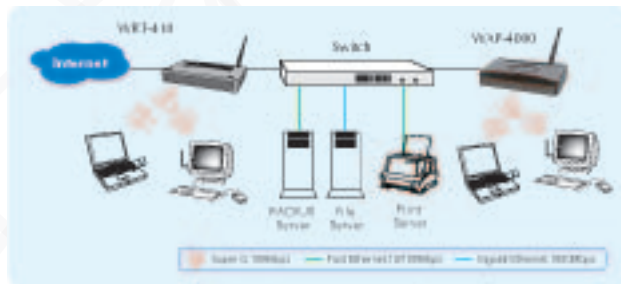- ❒ Provides Setup Wizard for the user to configure easily in the first time

Product	54/108Mbps Wireless Broadband Router		
Model	WRT-410		
Standard	IEEE 802.11b, IEEE 802.11g		
Signal Type	DSSS (Direct Sequence Spread Spectrum)		
Modulation	BPSK / QPSK / CCK / OFDM		
Port	WAN: 10/100Base-TX (RJ-45) * 1		
	LAN: 10/100Base-TX (RJ-45) * 4		
Antenna	One Detachable Dipole Antenna		
Antenna Gain	2dBi		
Output Power	17dBm		
Sensitivity	802.11b	11 Mbps (CCK): -82 dBm	5.5 Mbps (QPSK): - 86 dBm
		1, 2 Mbps (BPSK): - 90 dBm	
		(typically @PER < 8% packet size 1024 and @25°C + 5°C)	
	802.11g	54 Mbps: -72 dBm	48 Mbps: - 72 dBm
		36 Mbps: -76 dBm	24 Mbps: -79 dBm
		18 Mbps: -82 dBm	12 Mbps: -86 dBm
		9 Mbps: -89 dBm	6 Mbps: -90 dBm
		(typically @PER < 8% packet size 1024 and @25°C + 5°C)	
Data Encryption	64/128-bit WEP encryption		
Frequency band	2.4GHz - 2.484GHz		
Channel	11 Channels (FCC / US, Canada)	13 Channels (ETSI / Europe)	
	14 Channels (TELEC / Japan)		
Data Rate	Super G mode	Up to 108Mbps	
	802.11g	Up to 54Mbps (6/9/12/18/24/36/48/54)	
	802.11b	Up to 11Mbps (1/2/5.5/11)	
Environment	Operating temperature: 0 ~ 55°C		
	Operating humidity: 5 ~ 95%(non-condensing)		
	Storage temperature: -20 ~ 70°C		
	Storage humidity: 0 ~ 95%(non-condensing)		
Dimension	200 x 115 x 31mm (W x D x H)		
Power Supply	5V, 2.5A		
Regulatory Compliance	FCC, CE		

❏ *Secured WLAN with Internet Connection*

To get the benefit of high-speed wireless networking to all home or office users, the WRT-410 is an ideal solution. Locate the WRT-410 at a central point in the office or home and connect it to an ADSL/cable modem. A Notebook or a remote desktop can easily connect to the Internet by installing a WL-3560 or WL-8310 54/108Mbps wireless adapter. Furthermore, the WPA mechanism of WRT-410 can effectively prevent your information from eavesdropping by unauthorized users.

➤ **WRT-410**   802.11g Wireless Broadband Router