

WR54 Wireless Router

Features

- ◇ Complies with IEEE 802.11g, IEEE 802.11b, IEEE 802.3, IEEE 802.3u standards
- ◇ Supports Flow Statistics
- ◇ Supports firmware upgrade
- ◇ Supports Web management
- ◇ Supports UPnP, Dynamic DNS, Static Routing
- ◇ 1 10/100M Auto-Negotiation RJ45 WAN port, 4 10/100M Auto-Negotiation RJ45 LAN ports, supporting Auto MDI/MDIX
- ◇ Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/3/2/1Mbps data transfer rates
- ◇ Provides WEP,WPA,WPA2,WPA2 Mixed authentication, TKIP/AES encryption security
- ◇ Supporting PPPoE, Dynamic IP, Static IP, PPTP Internet access
- ◇ Supports Virtual Server, Special Application and DMZ host
- ◇ Connecting Internet on demand and disconnecting from the Internet when idle for PPPoE
- ◇ Built-in NAT and DHCP server supporting static IP address distributing
- ◇ Built-in firewall supporting IP address filtering, Port filtering, and MAC address filtering
- ◇ Provides 64/128/152-bit WEP encryption security and wireless LAN ACL (Access Control List)
- ◇ Supports ICMP-FLOOD, UDP-FLOOD, and TCP-SYN-FLOOD filter
- Ignores Ping packets from WAN or LAN ports



Description

A wireless router is a device that performs the functions of a router but also includes the functions of a wireless access point. It is commonly used to allow access to the Internet or a computer network without the need for a cabled connection. It can function in a wired LAN (local area network), a wireless only LAN or a mixed wired/wireless network. Most current wireless routers have the following characteristics:

1. LAN ports, which function in the same manner as the ports of a network switch
2. A WAN port, to connect to a wider area network. The routing functions are filtered using this port. If it is not used, many functions of the router will be bypassed.
3. Wireless antennae. These allow connections from other wireless devices (NICs (network interface cards), wireless repeaters, wireless access points, and wireless bridges

Parameter

Item	Description
Product	Wireless 802.11b/g access point router
Flash	2 MB

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RAM	8 MB
Antenna	Non-detachable 3dBi Antenna x 1
Wireless Features	Support IEEE 802.11g, 802.11b wireless access point
	Superior wireless coverage and high performance, up to 54Mbps for wireless data rates
	Support WDS, AP, AP client mode
Maximum coverage distance	100 m indoors;300 m outdoors
Modulation Types Supported	OFDM: BPSK, QPSK, 16QAM, 64QAM (11g)
	DSSS: DBPSK, DQPSK, CCK(11b)
Data Rates Supported	IEEE 802.11b: 1, 2, 5.5 and 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
Quality of Service (QoS)	Wi-Fi alliance WMM (Wi-Fi Multimedia Enhancement) support
Management Features	Firmware upgrade via HTTP
	WAN and LAN side connection statistics
	Configuration of static routes and routing table
	Configuration of NAT / NAPT
	Selection of bridge or router mode
	PPP user ID and password
Physical Interfaces	4 x RJ-45 10/100Mbps LAN Ports 1 x RJ-45 WAN Port 1 x power jack 1 x detachable antenna
Router Features	DHCP server and client
	NAPT (Network Address and Port Translation)
	NAT (Network Address Translation)
	ICMP (Internet Control Message Protocol)
	IGMP (Internet Group Management Protocol)
	DDNS (Dynamic Domain Name Service)
Security Features	Password protected configuration access
	User authentication (PAP / CHAP) with PPP
	Support 64/128-Bit WEP encryption, WPA-PSK, WPA2-PSK, WPS and 802.1x
Ethernet Features	Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
	All Ethernet ports support auto-crossover (MDI/MDI-X)
Power	AC100~240V/9VDC, 1A Single Range Switching Power Adapter
Temperature	0°C to 40°C(operating) -20°C to +70°C(storage)
Humidity	10% to 90% non-condensing (operating) 5% to 95% non-condensing (storage)
Dimension	200x115x30mm



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Applications

- ◇ SOHO Network
- ◇ WLAN
- ◇ LAN