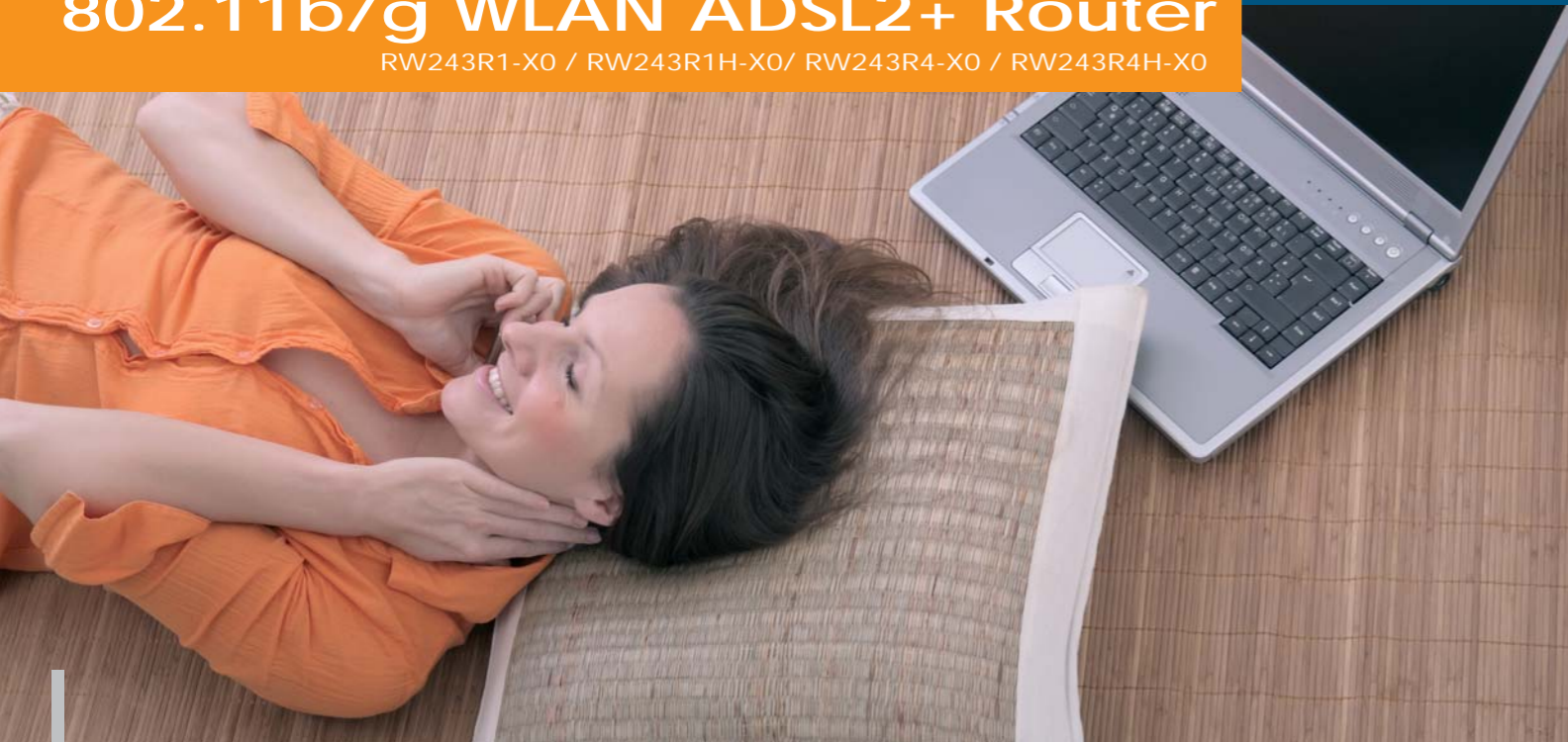


802.11b/g WLAN ADSL2+ Router

RW243R1-X0 / RW243R1H-X0/ RW243R4-X0 / RW243R4H-X0



RW243R1/R1H and RW243R4/R4H routers are high-speed ADSL2+ Ethernet router that is specifically designed to connect to the Internet and to directly connect to your local area network (LAN) via high-speed 10/100 Mbps Ethernet and/or Universal Serial Bus (USB) connection and/or Wireless 802.11b/g. The ADSL2+ modem is compatible with the latest ADSL standards, including ADSL2 and ADSL2+, and supports up to 24 Mbps downstream and 1.5 Mbps upstream to deliver true broadband speed and throughput.



RW243R1
RW243R1H
RW243R4
RW243R4H
RW243R1H
RW243R4H



RW243R4/R4H-X0

802.11b/g WLAN ADSL2+ Router

ADSL Standard

- ITU-T G.992.1(G.dmt)
- ANSI T1.413 Issue 2
- G.992.2 (G.lite)
- G.994.1 (G.hs)
- Auto-negotiating rate adaptation
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)

Software Features

- RFC-1483/2684 LLC/VC-Mux bridged/routed mode
- RFC-1577 Classical IP over ATM
- RFC-2516 PPPoE
- RFC-2364 PPPoA
- ITU-T 1.610 F4/F5 OAM send and receive loop-back
- 802.1d Spanning-Tree Protocol
- DHCP Client/Server/Relay
- NAT
- RIP v1/v2
- DNS Relay Agent
- DMZ support
- IGMP Proxy/Snooping
- Stateful Packet Inspection
- Protection against Denial of Service attacks
- IP Packet Filtering
- QoS
- Dynamic DNS
- UPnP support

Management

- Web-based Configuration
- Menu-driven Command-line Interpreter
- Telnet Remote Management
- SNMP v1/v2/Trap
- Firmware upgrade through FTP, TFTP and HTTP
- Configuration backup/restore
- Diagnostic Tool
- TR069 supported (option)

Wireless Standard

IEEE 802.11B/G compliance

Data rate

- 802.11g: 54, 48, 36, 24, 18, 12, 9, 6Mbps
- 802.11b: 11, 5.5, 2, 1Mbps

Operating Frequency / Channel

- USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz
- Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz
- Japan 14 channels: 2.412GHz ~ 2.484GHz

RF Output Power

- 17dBm @ 11Mbps, typical +/-1dBi
- 14dBm @ 54Mbps, typical +/-1dBi

Receiver Sensitivity

- -80dBm @ 11Mbps
- -68dBm @ 54Mbps

Security

- 64/128-bits WEP Encryption
- WPA
- WPA2
- WPS

Ethernet LAN Protocols /Interfaces

- Support Ethernet Interface 10/100 Mbps auto selection which compliant with IEEE 802.3x standards.
- Ethernet port supports Automatic MDI/MDI-X configuration transceiver.

USB Protocols /Interfaces (RW243R4H only)

- Support USB 2.0 Host port for Samba and file sharing application

Hardware interface

- 1 Power jack
- 1 Power switch for power on /off
- 1 Reset button for reset to factory default function
- 1 RJ11 phone jacks for ADSL connection
- Ethernet jack for LAN port connection
- USB port (RW243R4H only)
- Un-detachable antenna (2dbi)
- Wifi ON/OFF button
- WPS button



RW243R1/R1H-X0



RW243R4/R4H-X0

	Ethernet port	USB 2.0 Host port	Wireless 802.11b/g
RW243R1	1	N	Y
RW243R1H	1	Y	Y
RW243R4	4	N	Y
RW243R4H	4	Y	Y