TP-LINK®

54M Wireless ADSL2+ Modem Router
TD-W8901G/TD-W8901GB

3-in-1: ADSL2+ modem,
4-port Ethernet router
and wireless G access point

Latest ADSL standards for superior
performance: up to 24Mbps
downstream and 3.5Mbps upstream

Various QoS policies
enable various application,
meeting people's different needs

Description:

The TP-LINK ADSL2/2+ Modem with 54M Wireless Router (TD-W8901G/TD-W8901GB) is a 3-in-1 device that combines the function of a high-speed DSL modem, wireless G access point, and 4-port Ethernet router. It supports the latest ADSL2/2+ standards to provide higher performance (up to 24Mbps downstream and 3.5Mbps upstream) and longer reach from your Internet Service Provider's (ISP) Digital Subscriber Line Access Multiplexer (DSLAM).With the TD-W8901G/TD-W8901GB, you can create a wireless network to connect 802.11g/802.11b devices as well as a wired network to connect up to four 10/100 Ethernet devices.

The TD-W8901G/TD-W8901GB includes a built-in QoS engine that helps prioritize Internet traffic to enable smooth Internet

phone calls (VoIP) and lag-free online gaming. To prevent unauthorized wireless access into your network, the TD-W8901G/TD-W8901GB supports the latest encryption including WEP, WPA, and WPA2. In addition, this device includes Dual Active Firewalls (SPI and NAT) to help protect your network from potential attacks from across the Internet.

The TD-W8901G/TD-W8901GB also supports TR-069 which automatically updates the firmware and other settings when they become available from your ISP. Whether it is for a home or for a small office user, the ADSL2/2+ Modem with 54M Wireless Router (TDW8901G/TD-W8901GB) is the ideal all-in-one broadband and wireless networking solution.

Specifications：

Interfaces	1 RJ11 port, 4 ethernet ports, support 802.3,802.3u
Data Rates	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps（With Annex M enabled）
ADSL Features	Full-rate ANSI T1.413 Issue 2 ITU-T G.992.1 (G.dmt) ITU-T G.992.2 (G.lite) ITU-T G.994.1 (G.hs) ITU-T G.992.3 (G.dmt.bis) ITU-T G.992.4 (G.lite.bis) ITU-T G.992.5 Supports Annex A/B/I/J/L/M Max 6 kilometers
ATM Features	UNI 3.1/4.0，ATM Adaptation Layer Type 5-AAL5 Multiprotocol encapsulation over ATM (RFC 1483/RFC 2684) UBR, CBR, VBR-rt, VBR-nrt Supports 8PVCs OAM F4/F5 Loop-back, AIS and RDI OAM cells
PPP Features	PPP over ATM (RFC 2364) PPP over Ethernet (RFC 2516)
Switching Features	IGMP snooping IGMP multicast Port VLAN Tag VLAN IEEE 802.1d transparent learning bridging
Routing Features	Clasical IP and ARP over ATM (RFC 1577/2225), MER, RIP V1/V2 Static routing, IP, TCP, UDP, ARP PPP Encapsulation：PAP, CHAP, MS-CHAP NAT, NAPT, DNS, DDNS, DHCP Server UPnP, Virtual Server, DMZ SIP, H323 ALG
Wireless Features	Complies with IEEE 802.11g, IEEE802.11b, 2.4GHz~2.4835GHz Supports 54/48/36/24/18/12/9/6Mbps or 11/5.5/3/2/1Mbps data transfer rates. Provides WPA/WPA2 and WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security Provides 64/128-bit WEP encryption security and wireless LAN ACL (Access Control List) Output Power: 17dBm, Antenna Gain: 2dBi
Firewall	Stateful Packet Inspection (SPI), NAT and Packet Filter
VPN Pass Through	IPSec/PPTP/L2TP Pass-through
QoS	IP Type of service(ToS) DSCP 802.1p
Device Management	HTTP, TELNET, Console Administration and operation software (firmware) upgradable locally by WEB, TFTP, FTP, Console SNMP V1/V2 CWMP（TR-069）
Led	Power ADSL Internet WLAN LAN(1-4)
Operating Temperature	0℃~40℃ (32°F~104°F)
Storage Temperature	-40℃~70℃ (-40°F~158°F)
Operating Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~90% non-condensing
Dimensions(L x W x H)	6.9*4.7*1.1 in.(174*120*28.8 mm)

Features：

- 3-in-1: ADSL2+ modem，4-port Ethernet router and wireless G access point
- Easily share ADSL connection with all office or home computers，wired or wirelessly
- Dual Active Firewalls: SPI and NAT
- QoS prioritization based on IP Type of service(ToS), DSCP or 802.1p
- Supports DHCP, Universal Plug-and-Play (UPnP), and includes a user-friendly Setup Wizard which takes you through configuring your network, step by step
- Administer and Upgrade the Router Remotely over the Internet

Package:

- 54M Wireless ADSL2+ Modem Router TD-W8901G
- One DC power Adapter
- Quick Installation Guide
- One RJ45 cable
- Two RJ11 cables
- One ADSL splitter
- One Resource CD

Related Products:

- 54M Wireless Cardbus Adapter TL-WN510G
- 54M Wireless USB Adapter TL-WN321G
- 54M Wireless PCI Adapter TL-WN551G

Diagram:

Internet

TD-W8901G/TD-W8901GB
54M Wireless ADSL2+ Modem Router

TL-WN321G/WN322G
Wireless USB Adapter

TL-WN550G/WN551G
Wireless PCI Adapter

TL-WN510G
Wireless Cardbus Adapter

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