TP-LINK®

54Mbps Wireless G ADSL2+ Modem Router
TD-W8901G

⊙ Features：

- All-in-One: ADSL2+ modem, NAT router,4-port switch and wireless G access point in one device provides one-stop networking

- Easy Setup Assistant with multi-language support provides quick & hassle-free installation

- Quality of Service (QoS) enables smooth VoIP, video streaming and lag-free online gaming

- Bulit-in NAT and SPI firewall, support IP address filtering, domain name filtering and MAC address filtering, protects end-user devices from potential attacks across the internet

- WPA-PSK/WPA2-PSK encryptions provide your network with active defense against security threats

- 4000V Lightning Protection helps your device to avoid he damage of tough thunderstorms

- Port VLAN binds specific LAN ports to PVCs for enjoyable IPTV experience*

- Complying with IEEE 802.11g/b, IEEE 802.3/3u

⊙ Description：

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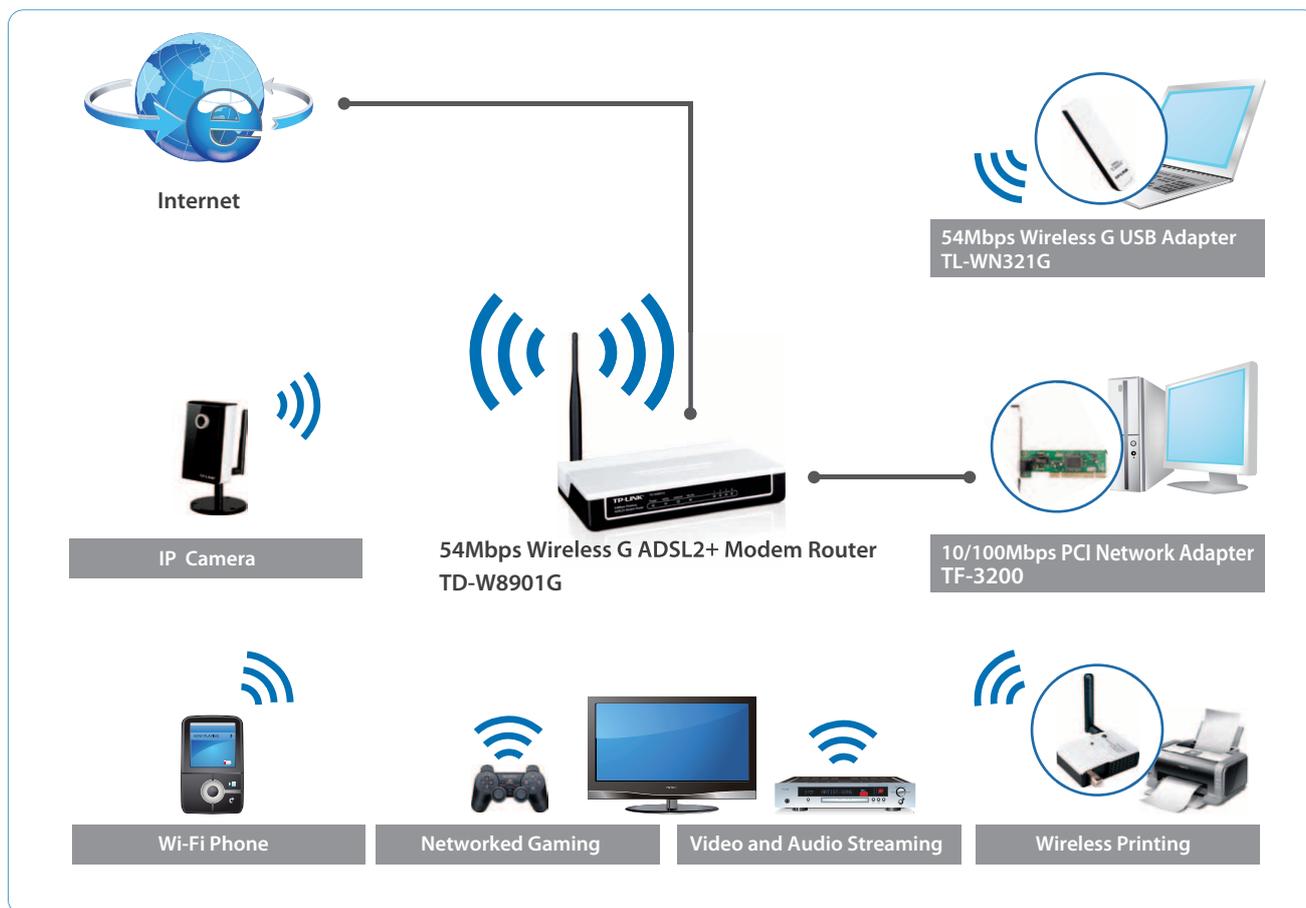
The TD-W8901G also supports TR-069 which automatically updates the firmware and other settings when they become available from your ISP. Whether it is for a home or for a small office user, the ADSL2/2+ Modem with 54M Wireless Router TDW8901G is the ideal all-in-one broadband and wireless networking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

* IPTV application may require subscribing to IPTV services from an ISP

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◎ Specifications：

Interfaces	1 RJ11 DSL port, 4 RJ45 LAN 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, TM 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: 3dBi
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)	6.5*4.3*1.1 in.(165*108*28mm)

◉ Diagram:

Internet

54Mbps Wireless G USB Adapter TL-WN321G

IP Camera

54Mbps Wireless G ADSL2+ Modem Router TD-W8901G

10/100Mbps PCI Network Adapter TF-3200

Wi-Fi Phone

Networked Gaming

Video and Audio Streaming

Wireless Printing

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:

- 54Mbps Wireless G USB Adapter
  TL-WN321G
- 10/100Mbps PCI Network Adapter
  TF-3200

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