TP-LINK®

150Mbps Wireless N VoIP ADSL2+ Modem Router

TD-VG3511

⊙ Features：

- High speed DSL modem, NAT router and wireless access point in one device providing a one-stop networking solution

- Wireless speed up to 150Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like online gaming and video streaming

- Two phone ports on the back panel for cost-effective VoIP phone calls

- Various call features such as caller ID, call waiting, call holding, call forwarding, 3-way conference calls and voicemail

- 1 USB 2.0 port supports Storage Sharing (Samba or FTP), Media Server, Print Server[1] and multi accounts

- Ethernet WAN (EWAN) offers another broadband connectivity option for connecting to Cable, VDSL or Fiber modems

- IP based Bandwidth Control makes it easier for you to manage the bandwidth of devices that connected to the modem router

- Wi-Fi On/Off Button allows users to simply turn their wireless radio on or off

- Easy one-touch WPA wireless security encryption with the WPS button

- Easy Setup Assistant[2] with multi-language support provides a quick & hassle free installation

- SPI and NAT firewall protects end-user devices from potential attacks from the Internet

- Interface Grouping binds specific LAN ports to PVCs for an enjoyable IPTV[3] experience

⊙ Description：

TP-LINK's TD-VG3511 150Mbps Wireless N VoIP ADSL2+ Modem Router is the ultimate in home or office connectivity devices offering a plethora of functionality in one robust product. The device provides users with the ability to access and share an internet connection, using a wired or 150Mbps wireless connection. With its VoIP functions, users can save on phone costs using VoIP telephony services with caller ID, call waiting, call holding, call forwarding, 3-way conference calls and voice mail functionality. Additionally, using the device's USB sharing port, users can share printers, files and media across the network or around the world with FTP functions as well as add USB storage to enable voicemail functions.

[1] The USB Printer Setup Wizard supports Windows 7 32bit, Vista 32bit, XP 32/64bit, Windows 2003, 2000 currently.
For the printer compatibility information, please visit www.tp-link.com.
[2] The Easy Setup Assistant utility supports Windows 2000/XP/Vista and Windows 7 operating system at present.
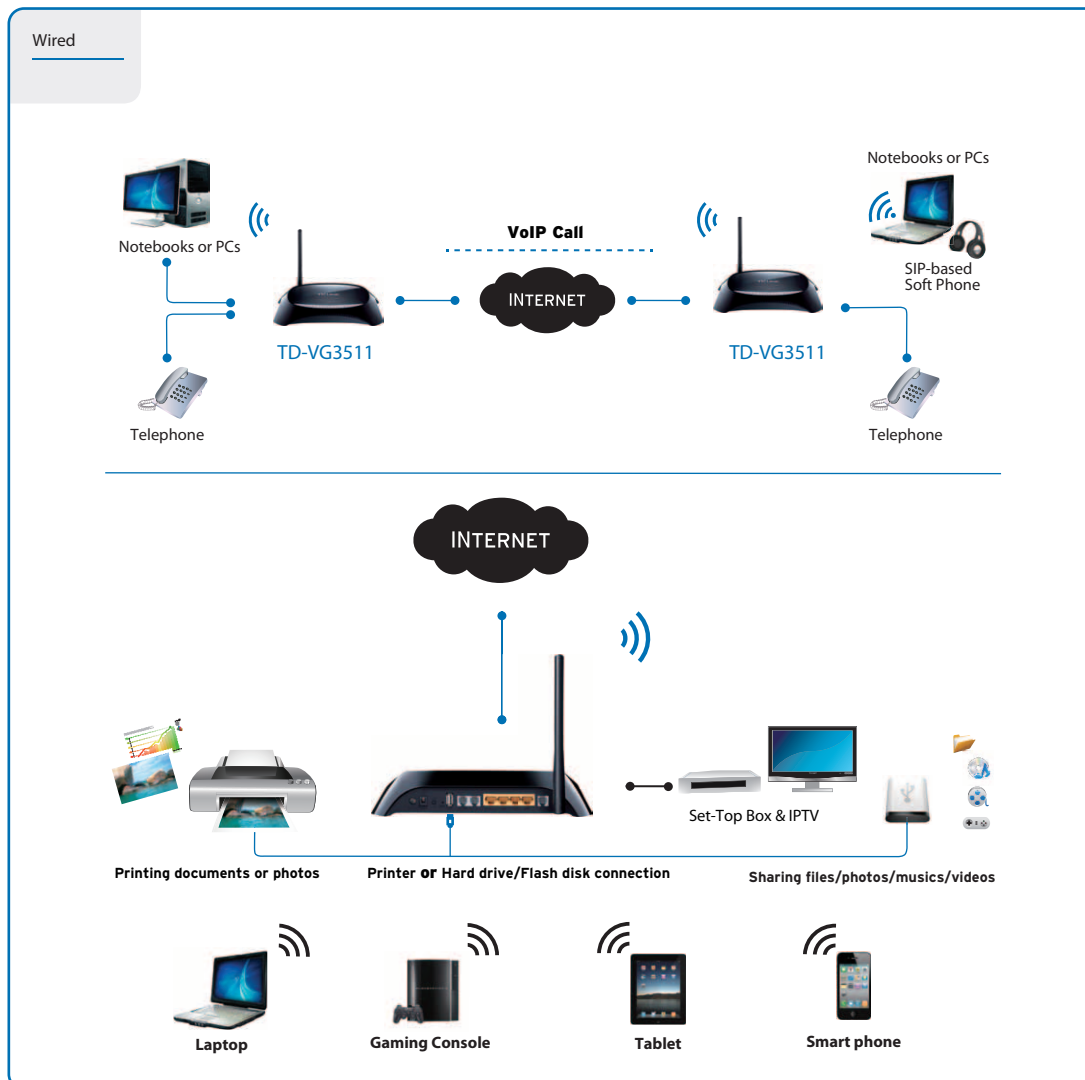[3] IPTV applications may require subscribing to IPTV services from an ISP.

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⊙ Specifications：

HARDWARE FEATURES	
Interface	4 10/100Mbps RJ45 Ports 3 RJ11 Port 1 USB 2.0 Port
Button	1 Power On/Off Button 1 Wi-Fi On/Off Button 1 RESET Button
External Power Supply	12VDC/1A
Dimensions (Wx Dx H)	256× 177× 51 mm (10.1× 7.0× 2.0 in.)
IEEE Standards	IEEE 802.3, 802.3u
ADSL Standards	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.995.1
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis), ITU-T G.992.4 (G.lite.bis)
ADSL2+ Standards	ITU-T G.992.5
VoIP Standards	SIP (RFC3261), ITU-T G.729/G.722/G.711a/G.711μ
Antenna Type	Omni directional, Detachable, Reverse SMA
Antenna Gain	1 x 5dBi
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11b, 802.11g, 802.11n
Frequency	2.400-2.4835GHz
EIRP	<20dBm(EIRP)
Wireless Security	Support 64/128 bit WEP, WPA-PSK/WPA2-PSK, Wireless MAC Filtering
SOFTWARE FEATURES	
Quality of Service	Bandwidth Control
Port Forwarding	Virtual server, DMZ, ACL(Access Control List)
VPN Pass-Through	PPTP, L2TP, IPSec Pass-through
ATM/PPP Protocols	ATM Forum UNI3.1/4.0 PPP over ATM (RFC 2364) PPP over Ethernet (RFC2516) IPoA (RFC1577/2225) PVC - Up to 8 PVCs

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◉ Specifications：

Advanced Features	Ethernet WAN (EWAN) Parental Control Traffic Shaping(ATM QoS) UBR, CBR, VBR-rt, VBR-nrt; Dynamic Host Configuration Protocol (DHCP), DHCP relay; Network Address Translation (NAT); PVC/Ethernet Port Grouping Static Routing, RIP v1/v2 (optional); DNS Relay, DDNS, IGMP snooping V1/2 IGMP Multicast, UPnP
VoIP Features	Two RJ-11 FXS ports for connecting to regular telephones Call forwarding, Call waiting, Voice activity detection (VAD), 3-way conference call, etc. USB Voicemail
Security	NAT Firewall, SPI Firewall, MAC / IP / Packet / URL Filtering
USB Sharing	Storage Sharing FTP Server Media Server Print Server
Management	Web Based Configuration(HTTP), Remote management, Telnet management, Command Line Interface, SSL for TR-069, SNMP V1/V2C, SNMP over EOC, Web Based Firmware Upgrade, CWMP(TR-069), Diagnostic Tools
OTHERS	
Certification	CE, FCC, RoHS
System Requirements	Microsoft® Windows 8/7, Vista, XP, 2000, MAC® OS, NetWare®, UNIX® or Linux
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉) Storage Temperature: -40℃~70℃ (-40℉~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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⦿ Diagram:

Wired

Notebooks or PCs

Notebooks or PCs

VoIP Call

INTERNET

TD-VG3511

TD-VG3511

SIP-based Soft Phone

Telephone

Telephone

INTERNET

Printing documents or photos

Printer **or** Hard drive/Flash disk connection

Set-Top Box & IPTV

Sharing files/photos/musics/videos

Laptop

Gaming Console

Tablet

Smart phone

Package:

- 150Mbps Wireless N VoIP ADSL2+ Modem Router
  TD-VG3511
- External Splitter
- RJ-11 Telephone Cable
- RJ-45 Ethernet Cable
- Telephony Feature Guide
- Quick Installation Guide
- Resource CD
- Power Adapter

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