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# Wireless ADSL2+ with VoIP Gateway

Model: TVW6200



## Overview

TVW6200 is a 802.11b/g wireless router with embedded VoIP functionalities, compatible with high-speed ADSL2 and ADSL2+ interfaces over existing copper lines. It supports 4 10/100 Mbps Ethernet ports, 2 FXS ports and one ADSL line to access the internet. It also enables end users to use their existing analog telephones with VoIP phone service. It is an ideal solution for home or SOHO users to enjoy broadband multimedia services such as interactive gaming, video streaming, and real-time audio easier and faster than ever before.

## Key Features & Benefits

- **High Performance**

The built-in ADSL2/ADSL2+ Ethernet router gives unrivaled asymmetric high-speed data transport at up to 24 Mbps downstream. TVW6200 offers higher data transfer rates and better bandwidth than traditional ADSL gateways.

- **Seamless Roaming**

Compatible with IEEE 802.11g, TVW6200 gives you the freedom to roam seamlessly and deliver up to 54 Mbps wireless connections.

- **Money Saving**

Flat rate VOIP phone services reduces your phone bills greatly for unlimited local and long distance calls. TVW6200 makes international calls at amazingly low rates.

- **Robust Security**

The TVW6200 supports advanced authentication and encryption (WPA/WPA2-PSK) to protect your data from illegal access. With SPI firewall, it further protects your network against various malicious threats like DoS attacks, hackers, and network intruders.

- **Hard QoS**

The TVW6200 is optimized for time-sensitive voice & video application. WMM (Wi-Fi Multimedia) delivers Quality-of-Service for wireless networks, while IP QoS prioritizes outbound internet traffic.

- **Simple Management**

The human-touched web interface of TVW6200 brings the best user experiences to system administrators.

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## Product Specifications

### Interface

- WAN: 1 ADSL2/ADSL2+ RJ-11 port
- LAN: 4 10/100 Mbps RJ-45 ports
- Phone: 2 FXS RJ-11 ports/ 1 FXO RJ-11 port
- 1 USB2.0 host port

### ADSL Compliance

- ANSI T1.413 Issue 2
- ITU-T G.992.1 G.DMT/ ITU-T G.992.2 G.Lite
- ITU-T G.992.3/G.992.4 (ADSL2)
- ITU-T G.992.5 (ADSL2+)

### ATM Features

- 8 PVCs support
- PPP over ATM (RFC2364)
- PPP over Ethernet (RFC2516)
- IP over ATM (RFC1577)
- Multiple protocol over AAL5 (RFC1483/2684)
- Class-of-Service: UBR,CBR,VBR
- VC and LLC encapsulation
- OAM F4/F5 support

### Wireless Features

- 802.11b/g compliance speed up to 54 Mbps

### VoIP Features

- SIP compliance
- DTMF Tone Detection
- T.38 FAX Relay (G.711)
- PSTN lifeline support
- Echo Cancellation (G.168) /Silence Suppression

### QoS Features

- 3 strict priority queues
- Support Wi-Fi Multimedia (WMM) and IEEE 802.11e

### Security Features

- VPN pass-through (IPSec/L2TP/PPTP)
- NAT firewall
- Mac/Packet Filtering
- Stateful Packet Inspection (SPI)
- DoS attack protection
- WPA/WPA2/WPA-PSK& 64/128-bit WEP encryption
- 802.1x port-based security Authentication

### Network Management

- Web-based configuration
- Telnet remote management
- Firmware upgrade via FTP and TFTP
- Configuration backup and restore
- SNMP support

### Physical Specifications

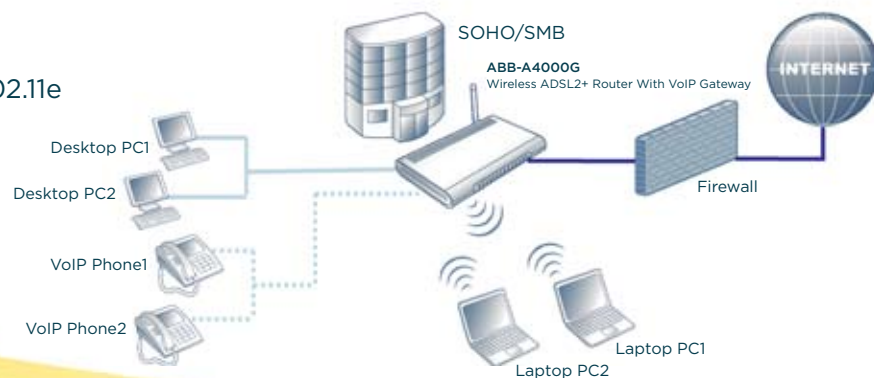
- Dimensions: 155.5(W) x 230.5(D) x 31.5(H) mm
- Weigh: 500 g
- Antenna: 2dBi gain
- Power: 12V/1.25A

### Environment Conditions

- Operating temperature: 0°C ~ 40°C
- Humidity: 5-95% (non-condensing)

### Certifications

- CE
- FCC Class B
- RoHS



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