



let's make it **easy**

# ADSL2+ with **VoIP Gateway**

Model: TVM6200



## Overview

TVM6200 is an Ethernet 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. The TVM6200 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. TVM6200 offers higher data transfer rates and better bandwidth than traditional ADSL gateways.

### • Money Saving

Flat rate VOIP phone services reduce your phone bills greatly for unlimited local and long distance calls. The TVM6200 makes international calls at amazingly low rates.

### • Simple Management

The human-touched web interface of TVM6200 brings the best user experiences to system administrators.

### • Robust Security

A true firewall secures your network against hackers such as Stateful Packet Inspection (SPI) and Denial of Service (DoS) attack prevention averts potential threats by scanning incoming traffic and Network Address Translation (NAT) shields your networked devices from intruders.

### • Hard QoS

The TVM6200 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.

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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

- ATM Forum UNI 3.1/4.0
- 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

### VoIP Features

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

### Security Features

- VPN pass-through (IPSec/L2TP/PPTP)
- NAT firewall
- Mac/Package Filtering
- Stateful Packet Inspection (SPI)
- User Authentication PAP/CHAP
- DoS attack protection

### QoS Features

- 3 strict priority queues
  - Support Wi-Fi Multimedia (WMM) and IEEE 802.11e
- ### Network Management
- Web-based configuration
  - Telnet remote management
  - Firmware upgrade via FTP and TFTP
  - Configuration backup and restore
  - SNMP support

### Physical Specifications

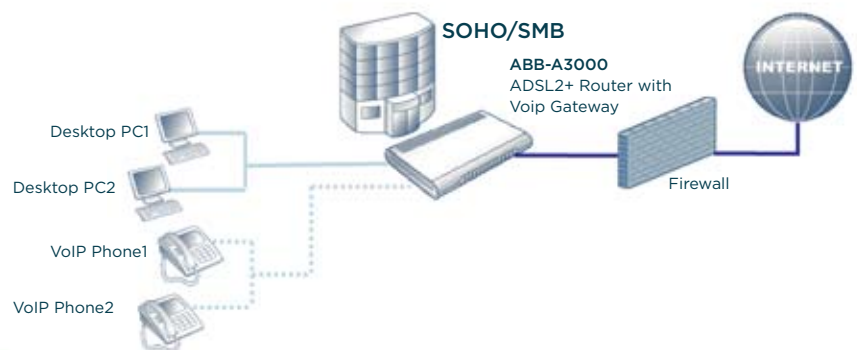
- Dimensions: 155.5(W) x 230.5(D) x 31.5(H) mm
- Weigh: 500 g
- Power: 12V/1.25A

### Environment Conditions

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

### Certifications

- CE
- FCC Class B
- RoHS



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