

# Wireless-G VoIP Gateway with 2 ports for VoIP and 1 PSTN backup

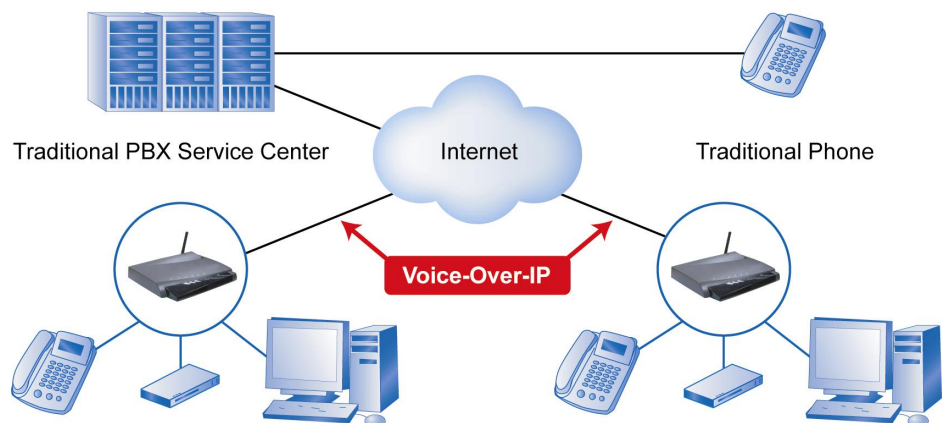


The Gemtek Wireless-G Voice-over-IP Gateway is really four devices in one box. First, there's the Wireless Access Point, which lets you connect both screaming Wireless-G and Wireless-B devices to the network. There's also a built-in 3-port full-duplex 10/100 Switch to connect your wired-Ethernet devices together. Connect four PCs directly, or attach more hubs and switches to create as big a network as you need. The Router function lets your whole network share a high-speed cable or DSL Internet connection.

The fourth function is the phone adapter which enables high-quality Voice-over-IP feature through your high-speed connection even while you're surfing the Internet. There are two standard telephone jacks, each operating independently -- like having two phone lines. It also with a PSTN backup jack.

To protect your data and privacy, the Wireless-G VoIP Gateway can encode all wireless transmissions with up to 128-bit encryption, and supports both Wired Equivalent Privacy (WEP) and the industrial-strength wireless security of Wi-Fi Protected Access (WPA). The Router can serve as a DHCP Server, has a powerful SPI firewall to protect your PCs against intruders and most known Internet attacks, supports VPN pass-through, and can be configured to filter internal users' access to the Internet. Configuration is a snap with the web browser-based configuration utility.

- **Enables feature-rich telephone service over your cable or DSL Internet connection**
- **Two standard telephone jacks for your phones or fax machines, with independent phone numbers**
- **PSTN backup supports**
- **High quality, clear sounding voice service simultaneous with Internet use**
- **Compatible with all common telephone features: Caller ID, Call Waiting, Voicemail, etc.**



# General Specifications

- **All-in-one Internet-sharing Router, 3-port Switch, and 54Mbps Wireless-G Access Point**

## Features

- Two voice ports for analog phones or fax machines with two independent telephone numbers
- One PSTN backup port
- 4 RJ-45 ports for 10/100 Base-T Ethernet connection
- Supports Session Initiation Protocol (SIP)
- Supports Dynamic Host Configuration Protocol
- Built-in web server for Web-based configuration
- Supports multiple voice compression G.711, G.723, and G.729
- Supports DTMF tone detection and generation
- Password protected access and configuration
- Supports auto-provisioning with remote firmware upgrade
- Supports FSK Caller ID, DTMF Caller ID
- Support echo cancellation and Voice Activity Detection (VAD)

## Standards

IEEE 802.3, IEEE 802.3u

## Ports

One 10/100 RJ-45 WAN port  
Three Standard RJ-11 Phone Ports  
One Power Port  
Three 10/100 RJ-45 LAN port

## LEDs

Power, Ethernet, Phone1, Phone2  
Internet, Wireless-G

## Voice Protocol

Session Initiation Protocol (SIP v2)

## Voice Codecs

G.711, G.723.1, G.729  
(G.723.1 & G.729 needs royalty)

## Security Features

Password-Protected Administration