

# Vigor2500V

## ADSL VoIP Router

- ◆ ADSL router for sharing your Internet connection
- ◆ Robust firewall to help protect your computers
- ◆ Make / Receive Voice calls over your ADSL connection using a regular telephone handset
- ◆ Integration with your existing phone line (POTS) with automatic failover during power cuts
- ◆ Free Voice-over-IP phone calls to other VoIP users
- ◆ Priority to VoIP calls
- ◆ Compatible with Windows & MacOS

The Vigor2500V is a user-friendly ADSL firewall/router with a built-in VoIP(Voice over IP) telephone port. The phone port also provides life line for automatic failover to your regular phone line in the event of power or Internet failure.

The Vigor2500V's VoIP facilities can provide a cost-saving alternative to having an additional fixed-line. By using the DrayTEL PSTN gateway (ITSP) you can also make calls to any regular phone line too, including mobiles, as well as receive calls from anyone - the call is carried to your phone via your internet connection so your regular phone line remains free for other people/calls.

Vigor2500V lets you make the jump from dial-up to ADSL broadband but also provides the value added features of VoIP to help you make the most from your ADSL line.

The Vigor2500V's firewall provides the ideal balance of "ease of use" and security to help protect your network.

VoIP calls over your ADSL broadband connection can be made to any other compatible device, anywhere on the Internet and anywhere in the world, free of charge. Through an Internet Telephony Service Provider (ITSP) such as DrayTEL, you can also make calls to any traditional phone line (landline or mobiles), as well as receive calls from anyone, via an ITSP who provides a gateway.

The visual design, with its natural style, pleasing lines and brushed silver finish provide good looks to fit into any environment.

VoIP	G.168 Line Echo-cancellation	
	Gain control	
	Jitter buffer (250ms)	
	Voice Processing	G.711 A/u law
		G.729 A/B
		VAD/CNG
	Tone Generation and Detection	DTMF, Dial, Busy, Ring Back
Protocol	SIP, RTP / RTCP	

### LAN

- 4-port 10/100 Base-TX Ethernet switch
- DHCP server for IP assignment (up to 253 users)
- DNS cache and proxy

### Flexible URL Content Filtering

- Block URL (web-site) by user-defined keywords
- Configuring services blocking by specified IP address
- Block automatic download of Java applets and ActiveX controls
- Block web site cookies and proxy
- Block http downloads of file types: executable/compressed/multi-media
- Scheduling when blocking will be enforced

### Application Support

- Windows Messenger, Yahoo Messenger, MSN Messenger V6.0, NetMeeting, ICQ2001b/2002a, online gaming, and other multimedia applications
- The UPnP protocol enables router control and enhances access for UPnP-ready multimedia applications

### Router Management

- Web-based User Interface
- Command Line Interface (Telnet)
- Telnet Remote Access Support
- Built-in Diagnostic Function
- Quick Start Wizard
- Syslog Monitoring
- Attack Alert by E-mail



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## Firewall Facilities

- Stateful Packet Inspection  
tracks packets and denies unsolicited incoming data
- Selectable DoS/DDoS protection
- User-configurable packet filter
- NAT/PAT with Port Forwarding/Redirection & DMZ for applications
- Supports ALGs (Application Layer Gateways) for applications
- Virtual server via port redirection or open ports feature
- E-mail alerting mechanism

## ADSL

- Compatible with ADSL lines up to 8Mbps
- Support PPPoE, PPPoA, MPoA protocols
- Quick Start Wizard -automatically detects VPI/VCI/Protocol of ADSL Internet

## VoIP (Voice over IP)

- Connect a regular telephone to make and receive voice calls using your existing broadband connection, leaving your regular line free
- Make and receive calls using your regular phone line (POTS) or via VoIP using the same telephone handset
- Auto-Fallback - Phone switches to PSTN during power cut
- SIP, RTP/RTCP protocols compliance

## E-mail Detection

- LED flashes to indicate E-mail is waiting on your mail server (POP3)

