Vigor2510V/Vi VPN ADSL Router

- Highly integrated ADSL router
- Robust firewall to help protect your network
- VPN facilities to ensure secured data and voice communications
- Free Voice-over-IP phone calls
- QoS to assure priority for VoIP traffic
- ISDN backup for data transmission and loop through for voice (VIgor2510Vi only)

The Vigor2510V/Vi are highly integrated ADSL routers with VPN capability targeting SOHO(Small Office and Home Office) and residential broadband access requirement. These integrated network access devices not only offer rich functionality with up to 8Mbps bandwidth in downstream but also a built-in VoIP port to provide a cost-saving alternative for calls. The integrated economical design makes the ideal balance of ease of use and secure network management.

Besides powerful firewall protection against malicious Denial of Service(DoS) attacks, the Vigor2510V/Vi are designed with more advanced security feature such as Stateful Packet Inspection(SPI) to offer network reliability by detecting attacks and prohibits malicious penetrating packets from entering internal network. Furthermore, embedded with VPN support for confidential remote access, the Vigor2510V/Vi are equipped with powerful DES, 3DES encryption engine and automated key management via IKE to easily create multiple VPN tunnels.

Combining the Internet telephony service from ITSP such as DrayTEL, the Vigor2510V/Vi charter VoIP calls to be made to any legacy phone numbers, even including mobile and long distance numbers. By making the most of your ADSL line, the call will be carried to the destination via Internet so you can save on the telephone bill. When encountering Internet failures, the automatic failover mechanism of Vigor2510V/Vi will intelligently redirect calls via legacy telephone line. Also the Vigor2510V/Vi will bypass all calls to telephone line during power cuts to ensure an outgoing life line.

ISDN Data Application

- Compatible with Euro ISDN
- Uses ISDN for shared Internet access (dial-on-demand)
- Support for 64Kb/s and 128Kb/s (Multilink-PPP)
- Automatic ISDN backup
- Bandwidth-on-demand (automatically switches between 64Kb/s and 128Kb/s)
- Direct ISDN Dial-up LAN-to-LAN connectivity (to another ISDN site) and VPN
- Remote 'teleworker' direct dial-in access to your LAN (from a remote ISDN line)
- Remote activation of Internet dial-up

Virtual Private Network (VPN) Facilities

- Up to 2 simultaneous VPN tunnels
- Dial-in or dial-out, LAN-to-LAN or Teleworker-to-LAN
- Protocol support for PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption support for AES, MPPE, and DES/3DES
- Authentication support for MD5 and SHA-1
- IKE key management
- Interoperable with other leading 3rd party vendor VPN devices or software
- VPN Pass Through Supported

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

ISDN Loop Through (Vigor2510Vi only)

- The B channel of ISDN can receive/send phone call in case of ADSL failure, VoIP unreachable or manual configuration

E-mail Detection

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

Firewall Facilities

- SPI (Stateful Packet Inspection)
  tracks packets and denies unsolicited incoming data
- Selectable DoS/DDoS protection
- Flexible URL content filtering
- User-configurable packet filtering
- NAT/PAT
  - Virtual server via port redirection or open ports
  - DMZ host
- Supports ALGs (Application Layer Gateways) for applications
- E-mail alerting mechanism

ADSL VIGOROUS BROADBAND ACCESS

DrayTek

Vigor2510V/Vi VPN ADSL Router

Flexible URL Content Filtering

- Block URL (web-site) by user-defined keywords
- Preclude web surfing from using directly 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
- Support time schedule to control the restrictions and regular Internet access

Router Management

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

Application Support

- IM/P2P, online gaming, and other multimedia applications
- Support UPnP protocol

ADSL

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

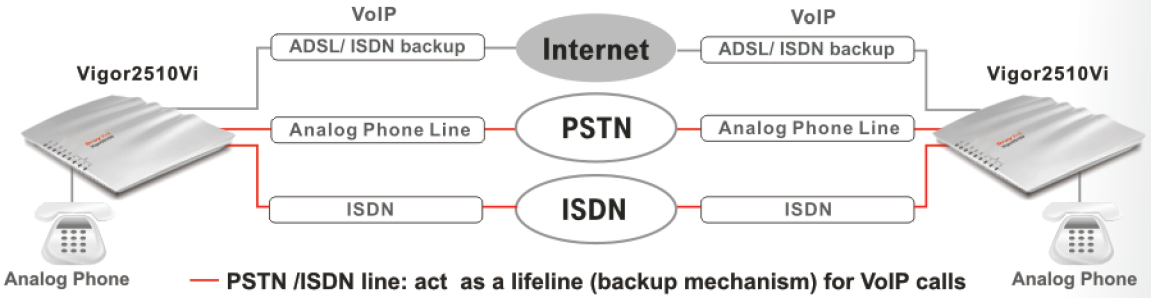
LAN

- 4-port 10/100 Base-TX Ethernet switch
- DHCP server for IP assignment (up to 253 users)
- DNS cache and proxy
- Supports port-basd Virtual LAN(VLAN)
- Routing supported: RIPv2, Static Route

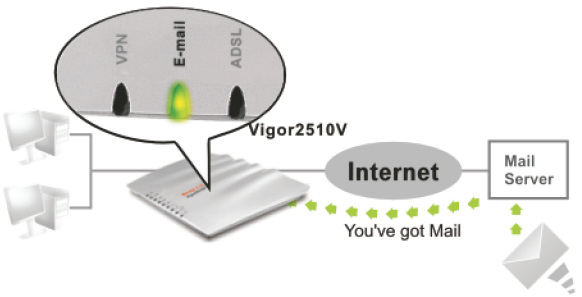
Specifications

WAN:	One ADSL port with a RJ-11 connector
LAN:	4-port 10/100 Base-TX Switch
Phone:	1-FXS VoIP Port for analog phone set
Line:	Analog Phone line
Max. Power Consumption	DC 15V, 10 Watt
Dimension (mm)	L220* W160* H36

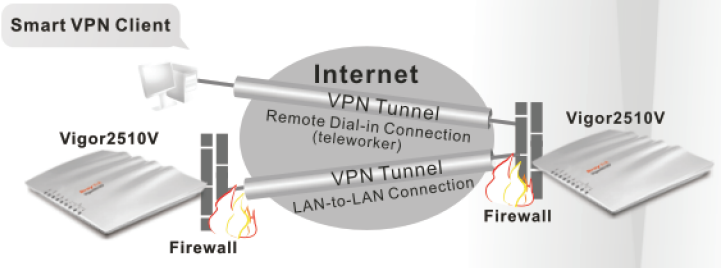
VoIP	G.168 Line Echo-cancellation	
	Gain control	
	Jitter buffer (250ms)	
	Voice Processing	G.711 A/u law
		G.729 A/B
		VAD/CNG
	Tone Generation and Detection	DTMF, Dial, Busy, Ring Back
	Protocol	SIP, RTP / RTCP



VoIP



E-mail Detection



VPN

www.draytek.com E-mail:info@draytek.com Tel:+886 3 597 2727 Fax:+886 3 597 2121

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