Vigor2100V/VG

Broadband Router/Firewall with Voice-over-IP phone port

- ◆ Easy Internet-Sharing of your broadband* connection   *Ethernet connection. e.g. cable/DSL modem
- ◆ Robust firewall to help protect your network from external attacks
- ◆ Built-in VoIP facilities enable to deploy cost-effective IP telephone infrastructure
- ◆ Plug in a telephone to use your broadband line for regular phone calls
- ◆ Integration with your existing phone line (POTS) with automatic failover during power cuts
- ◆ QoS assured priority for VoIP Internet traffic
- ◆ 802.11g Compliant Wireless LAN access with security features (Vigor2100VG only)
- ◆ Compatible with Windows & MacOS

The Vigor2100VG is a user-friendly broadband router with a built-in VoIP(Voice over IP) telephone port and 802.11g Wireless LAN access point.

The POTS life-line facility provides for automatic failover to your regular phone line in the event of power or Internet failure, as well as letting you use the same phone to access either your regular phone line or VoIP facility when required.

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

The Vigor2100VG'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 or calls.

The Vigor2100VG's firewall provides the ideal balance of ease of use and security to help protect your network.

The Vigor2100VG series router has an email detection feature for notifying users that your POP3 mail server is holding email by lighting an "email" LED on the front panel of the router without having to turn on your PC or check your email software. This facility can check up to 5 POP3 email accounts.

The Vigor2100VG lets you make the jump from dial-up to broadband but also provides the value added features of VoIP to help you make the most from your broadband line. VoIP calls over your cable/xDSL broadband connection can be made to any other compatible device, anywhere on the Internet and anywhere in the world, free of charge. By using 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.

LAN

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

Wireless Access Point (Vigor2100VG only)

- ■ Supports 802.11g (54Mbps data rate)
- ■ Backward compatible with 802.11b
- ■ Station List
- ■ Wireless security:
- • 64/128 bits WEP wireless encryption
- • WPA/PSK encryption
- • Client MAC-address locking
- • SSID stealth

Application Support

- ■ Supports VPN pass-through
- ■ MSN Messenger V6.2, online gaming, and other multimedia applications
- ■ 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
- ■ Syslog Monitoring

VoIP	G.168 Line Echo-cancellation	
	Gain control	
	Jitter buffer (125 ms)	
	Voice Processing	G.711 A/u law
		G.723.1/G.726
		G.729 A/B
		VAD/CNG
	Tone Generation and Detection	DTMF, Dial, Busy, Ring Back
	Protocol	SIP, RTP/ RTCP
WAN (Internet) interface		10/100BaseT RJ45

DrayTek

Vigor2100V/VG
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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

WAN/Internet

- One 10/100M Base-TX port with a RJ-45 connector
- Quick Start Wizard for Internet access
- DHCP client for cable service
- Static IP address assignment for fixed IP networks
- PPPoE client

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 Detection

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

Mr.Hans/Germany
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+049-44-xxxxx

PSTN lifeline

PSTN

Vigor2100VG

Mobile

Mobile

Vigor2100V

ITSP

Spain office
in Madrid
+034-91-xxxxxxx

or

DECT

ADSL

Internet

ADSL

Before you can set up the router for SIP you need to open an account with a SIP registrar (e.g.IPTEL, DrayTEL)

with ITSP Application

Vigor2100V

Internet

Mail Server

You've got Mail

E-mail Detection

Vigor2100V

Internet

Firewall

SPI/ DDoS protection/ URL content filtering

Firewall

Line

Phone

LAN

WAN (Ethernet)

Land line jack
(Analog phone line)

Analog Phone

ADSL /Cable Modem

Internet

Hardware Connection

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