Vigor2710 Series
ADSL2/2+ Firewall Router

DrayTek

- Built-in ADSL2+ modem for Internet access
- 4-port 10/100BaseT Ethernet switch for LAN connection
- Object-based firewall protecting your network
- VPN facilities for branch-office or Teleworker access
- USB 2.0 for flash drive (NAS) or printer connection
- Latest 802.11n standard WiFi (n models)
- Twin Voice-over-IP (VoIP) phone ports (V models)

Firewall

VoIP

WiFi

Web content Filtering

NAS

The DrayTek Vigor2710Vn is an ADSL2+ router combined with 802.11n WiFi Access Point, Voice-over-IP facilities providing twin phone ports and comprehensive web content control (Web Content Filtering).

The VoIP facility enables you to connect two separate phones and use them to make and receive calls across the Internet for free, or to/from regular phone destinations worldwide at low cost using an ITSP (such as DrayTEL). It's like having two extra phone lines for no extra line rental. The Vigor2710Vn integrates your regular analogue phone line too so that with the same phones you can also make or receive calls from your regular line.

Advanced features include network security (Firewall), remote data access (VPN dial-out) and secure wireless communication, making the he Vigor2710 series the ideal ADSL access devices for SoHo users.

The Vigor2710 series features advanced Stateful Packet Inspection (SPI) to detect malicious packets, such as Denial of Service (DoS) attacks, and prevent these from jeopardizing the internal home or office network thus ensuring network security and reliability.

Content Security Management (CSM) allows control of access to websites; for instance, those with adult or objectionable content can be blocked by parents to ensure safe browsing by children in the home. Time schedules can also be set so that you can allow access at certain times or limit access to certain PCs only. Peer-to-peer applications that consume large bandwidth and sessions can also be blocked.

The Vigor2710 series supports secure remote data access by being able to dial out to your corporate HQ using secure tunnel VPNs. VPN functionality supports all major VPN protocols: PPTP, IPSEC, L2TP and L2TP over IPSEC, including advanced DES, 3DES encryption engine and IKE automated key management, etc. Two outgoing VPN tunnels are supported simultaneously.

The USB port allows connection of a USB printer for all LAN users to share or you can connect a USB memory key so files can be shared locally among the users as or accessed remotely from anywhere on the Internet.

The WLAN model of the Vigor2710 series, Vigor2710n and Vigor2710Vn support the extended benefits 802.11n including reliable data transmission, secure access methods including WEP/WPA/WPA2/MAC Access Control and easy setup. Features such as WLAN isolation, VLAN , Wireless Rate Control, etc. allow easy but powerful control over the WLAN.

	VoIP	WLAN
Vigor2710 Vn	●	●
Vigor2710 n		●
Vigor2710		

WiFi CERTIFIED b g n

ADSL2+ · Firewall · VPN · MIMO Wireless · VoIP

ADSL Compliant
- ANSI T1.413 Issue2
- ITU-T G.992.1 G.dmt
- ITU-T G.992.3 ADSL2 G.dmt.bis
- ITU-T G.992.5 ADSL2+
- Annex L (READSL)
- Annex M

ATM Protocol
- RFC2684 MPoA (MP over AAL5)
- RFC2516 PPPoE (PPP over Ethernet)
- RFC2364 PPPoA (PPP over AAL5)
- PPPoE Pass-though from LAN/WLAN
- Transparent Bridge for MPoA

Firewall
- NAT, DMZ Host,
- Port-redirection and Open Port
- Object-based Firewall
- MAC Address Filter
- SPI (Stateful Packet Inspection)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control

Content Security Management
- IM/P2P Applications Blocking
- URL Keyword Filter (White/Blacklist)
- GlobalView Web Content Filter (Subject to subscription)

VPN
- Up to 2 Outgoing (dial-out) VPN Tunnels
- PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption: AES, MPPE and DES/3DES
- Authentication: MD5, SHA-1
- IKE Authentication: Pre-shared Key and
- Digital Signature (X.509)
- DHCP over IPSec
- Dead Peer Detection (DPD)
- VPN Pass-through

Network Feature
- IGMP Proxy/Snooping
- DHCP Server
- Dynamic DNS Client
- NTP Client
- Call/CSM Scheduling
- DNS Cache/Proxy
- UPnP

Network Management
- Web-based User Interface
    HTTP/HTTPS
- CLI (Command Line Interface)
    Telent/SSH)
- Admin/User Admin Access
- Configuration Backup/Restore
- Built-in Diagnostic Functions
- Firmware Upgrade
    via TFTP/FTP/WUI/TR-069
- Syslog logging
- SNMP Management MIB-II
- TR-069

Wireless AP ('n' models only)
- IEEE802.11n Compliant
- Access Point Discovery
- Wireless Distribution System (WDS)
- Wireless LAN Isolation
- MAC Address Access Control
- Wireless Protection System (WPS)
- WiFi Multimedia (WMM)
- Wireless Client List
- Wireless Rate Control
- 64/128-bit WEP
- WPA /WPA2
- Hidden SSID
- Multiple SSID
- WiFi Certificate

Hardware Interfaces
- 4 x 10/100M LAN Switch, RJ-45
- 1 x ADSL2/2+ Port, RJ-11
- 2 x FXS, RJ-11 (Vn model)
- 1 x Line, RJ-11 (Vn model)
- 3 x Detachable Antennas (n models)
- 1 x Factory Reset Button
- 1 x Wireless on/off Button (n models)
- 1 x WPS Button (n models)
- 1 x USB Host 2.0 (for Printer/File Sharing)

VoIP ('V' model only)
- Protocols: SIP, RTP/RTCP
- 6 Simultaneous SIP Registrars (Trunks)
- Automatic Gain Control
- Jitter Buffer (180ms)
- Codec:
  - G.711 A/u Law • G.723.1 • G.726
  - G.729 A/B • VAD/CNG
  - G.168 Line Echo-cancellation
- DTMF Relay:
  - In Band • Out Band (RFC-2833) • SIP Info
- FAX/Modem Support:
  - G.711 Pass-through • T.38 for FAX*
- Supplementary Services:
  - Call Hold/Retrieve • Call Waiting
  - Call Transfer
  - Call Forwarding (Always, Busy or No Answer)
  - DND (Do Not Disturb)
  - MWI (Message Waiting Indicator; RFC-3842)
  - Hotline
  - Three-way Conference Call*
  - Intercom
- QoS
  - Guaranteed Bandwidth for VoIP

USB
- Printer Sharing
- File Sharing:
  - Network Attached Storage (NAS) facility
  - Uses regular USB memory key or drive
  - Support for FAT32/FAT16 file System
  - Accessible by FTP or standard Windows, Mac, Linux operating systems
  - Samba access for Windows File Sharing
  - User account control for NAS access
  - Accessible locally (LAN) or remotely (from anywhere on the Internet by FTP)

* Firmware upgradable

Vigor 2710 Series Connectivity

WLAN
Internet
PSTN
4 x LAN
1 x USB
Printer//File System
2 x Phone
Fax / Analogue Phone