

## Routers - Draytek 2710N

integrated ADSL2/2+ wireless N router with VPN

The Vigor2710n is a highly integrated ADSL2/2+ router 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 24Mbps bandwidth in downstream but also a built-in secured wireless access point. The integrated economical design makes the ideal balance of ease of use and secure network management.

Vigor2710n complies with IEEE802.11n standards. The wireless LAN isolation, Mac address control, and WEP/WPA/WPA2 encryption let you easily set up Wireless network for your home.

You can attach USB storage device to USB port of Vigor2710n to share files. Or, you can use USB printer by connecting it to USB port.

Besides powerful firewall protection against malicious Denial of Service(DoS) attacks, the Vigor2710n is 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.

The easy-to-use CSM (Content Security Management) can prevent family from the connection to Web sites that contain illegal or objectionable content. The use of bandwidth/session consuming Peer-to-Peer (P2P) applications can be properly managed by embedded CSM.

Furthermore, embedded with VPN support for confidential remote access, the Vigor2710n is equipped with powerful DES, 3DES encryption engine and automated key management via IKE to easily create 2 simultaneous VPN tunnels.

The Vigor2710n is a highly integrated ADSL2/2+ router 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 24Mbps bandwidth in downstream but also a built-in secured wireless access point. The integrated economical design makes the ideal balance of ease of use and secure network management. Vigor2710n complies with IEEE802.11n standards. The wireless LAN isolation, Mac address control, and WEP/WPA/WPA2 encryption let you easily set up Wireless network for your home. You can attach USB storage device to USB port of Vigor2710n to share files. Or, you can use USB printer by connecting it to USB port. Besides powerful firewall protection against malicious Denial of Service(DoS) attacks, the Vigor2710n is 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. The easy-to-use CSM (Content Security Management) can prevent family from the connection to Web sites that contain illegal or objectionable content. The use of bandwidth/session consuming Peer-to-Peer (P2P) applications can be properly managed by embedded CSM. Furthermore, embedded with VPN support for confidential remote access, the Vigor2710n is equipped with powerful DES, 3DES encryption engine and automated key management via IKE to easily create 2 simultaneous VPN tunnels.

Features:

### 1. ADSL Compliant ANSI T1.413 Issue 2

ITU-T G.992.1 G.dmt  
 ITU-T G.992.3 ADSL2 G.dmt.bis  
 ITU-T G.992.5 ADSL2+  
 Annex L (READS)  
 Annex M

### 2. ATM Protocol RFC2684 MPoA (Multiple Protocol over AAL5)

RFC2516 PPPoE (PPP over Ethernet)  
 RFC2364 PPPoA (PPP over AAL5)  
 PPPoE Pass-through from LAN/WLAN  
 Transparent Bridge for MPoA

### 3. Wireless Access Point IEEE802.11n Compliant

Wireless Client List  
 Access Point Discovery  
 WDS (Wireless Distribution System)  
 Wireless LAN Isolation  
 Wireless Rate Control  
 64/128-bit WEP  
 WPA/WPA2

MAC Address Access Control  
WPS  
Hidden SSID  
WMM (Wi-Fi Multimedia)

4. VPN (Specific regional variants only) Up to 2 Concurrent VPN Tunnels  
Protocol : PPP, 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)  
LAN-to-LAN, Teleworker-to-LAN  
DHCP over IPSec  
Dead Peer Detection (DPD)  
VPN Pass-through

5. Firewall Multi-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

6. Content Security Management IM / P2P Applications Blocking  
URL Keyword Filter (Whitelist and Blacklist)  
GlobalView Web Content Filter ( Powered by ) \*

7. Bandwidth Management QoS : (Specific regional variants only)  
Guarantee Bandwidth for VoIP  
Class-based Bandwidth Guarantee by User-defined Traffic Categories  
DiffServ Code Point Classifying  
4-level Priority for Each Direction (Inbound/Outbound)  
Bandwidth Borrowed  
Bandwidth / Session Limitation

8. Network Feature IGMP Proxy / Snooping  
DHCP Client / Relay / Server  
Dynamic DNS  
NTP Client  
Call Scheduling  
RADIUS Client  
DNS Cache / Proxy  
UPnP  
Routing Protocol :  
Static Routing  
RIP V2

9. USB 3.5G USB Modem as 2nd WAN (Specific regional variants only)  
Printer Sharing  
File System : (throughput with above 2Mbps)  
Support FAT32/FAT16 File System  
Support FTP Function for File Sharing  
Support samba for Windows File Sharing

10. Network Management Web-based User Interface (HTTP / HTTPS)  
Quick Start Wizard  
CLI (Command Line Interface, Telnet / SSH)  
Administration Access Control  
Configuration Backup / Restore  
Built-in Diagnostic Function  
Firmware Upgrade via TFTP/FTP/WUI/TR-069  
Logging via Syslog  
SNMP Management MIB-II

Management Session Timeout  
TR-069  
2 Level Management