

# DrayTek

## High Speed VDSL2 Router

### Vigor2760 Series

The Vigor2760 series VDSL2/ADSL2+ routers are designed for VDSL2 broadband network and can also support ADSL2/2+ fixed line. There are three models: **Vigor2760**, **Vigor2760n** (with IEEE 802.11n WLAN), and **Vigor2760Vn** (with VoIP and IEEE 802.11n WLAN). With IPv6 Ready for future network and higher-speed WAN throughput, the high-definition multi-media streaming is available for home entertainment and digital learning. The embedded VoIP and VPN connections can allow family members to utilize ultimate broadband performance to realize home office. The MAC access control, multiple-SSID, authentication management on WLAN creates much secure wireless network. The users of your connected PCs can use Web Portal Log-in and Bulletin Board to remind each other. The content security management (CSM) prevents your family or home office from unwanted web sites/access.

	VoIP	WLAN
Vigor2760Vn	•	•
Vigor2760n		•
Vigor2760		



#### WAN/LAN Interface

- IPv6 & IPv4 support
- USB WAN for 3.5G/4G mobile broadband
- 4-Port Gigabit Ethernet Switch



Support USB  
Mobile Modem

Ready

#### Home & Business

- Configurable NAS facility via USB 2.0 port
- Built-in DLNA server
- Bulletin Board & Notifications via Web Portal Log-in (Wired and Wireless LAN)
- Commtouch GlobalView Web Content Filter-Productivity & Security



NAS



DLNA Server

#### WLAN

- 802.11n Wireless LAN
- Wi-Fi Multimedia (WMM)
- Enhanced Security
- Flexible & Extendable WLAN



WLAN



802.11n



WMM

#### Firewall & VPN

- Web Content Filter for parent control & productivity
- VPN connections for tele-workers



WCF



VPN

### Vigor2760 Series

#### ADSL2/2+ & VDSL2

Multimode VDSL2/ADSL2/2+ over basic telephone service

- Compliant with ITU-T VDSL2 G.993.2
- Compliant with G.997.1
- Band Plan: 998, 997
- Annex A, Annex B
- VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a
- VDSL2 PTM
- UPBO, DPBO Supported
- USO Supported
- Compatible with POTS, PSTN
- Capability Fall back to ADSL2/2+ Standards
- Multi-VLAN
- Multi-PVC

#### IP Version

- IPv4
- IPv6\*

#### Switch

- Multiple Subnets
- 802.1q Bridge
- IGMP Snooping

#### WAN Protocol

- DHCP Client
- Static IP
- PPPoE
- PPPoA
- 3.5G Connection and Backup

#### Content Security Management

- IM/P2P Applications Filter
- URL Content Filter
- GlobalView Web Content Filter (Powered by **com@touch**)

#### Firewall

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

#### VPN

- 2 VPN Tunnels
- VPN Passthrough
- IPsec Encryption: AES, 3DES, DES
- IPsec Authentication: MD5, SHA-1
- IPsec DPD (Dead Peer Detection)
- IPsec Aggressive Mode
- IKE Authentication: Pre-shared Key, X.509
- PPTP MPPE
- L2TP over IPsec
- DHCP over IPsec\*

#### Network Feature

- DHCP Server/Client
- DHCP Option\*
- UPnP 30 sessions (at least)
- IGMP V2/V3
- DNS Cache/Proxy
- Dynamic DNS
- NTP Client
- Static Routing
- RADIUS Client
- RIP v1/v2

#### Network Management

- Web-based User Interface (HTTP/HTTPS)
- Quick Start Wizard
- CLI (Command Line Interface, Telnet/SSH)
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via WUI
- Multi-level User Management
- Administration Access Control
- Logging via Syslog
- Management Session Time out
- SNMP Management MIB-II
- Data Flow Monitor
- TR-069

#### Wireless AP (n model)

- Support 2T2R 2.4GHz, Single Band
- IEEE802.11n Compliant
- 64/128-bit WEP, WPA/WPA2
- Hidden SSID
- MAC Address Access Control
- WPS
- Wireless Client List
- Access Point Discovery
- WDS (Wireless Distribution System)
- Multiple SSID
- WMM

#### Bandwidth Management

- Layer 3 QoS by IP, Port, Protocol
- Bandwidth/Session Limitation

#### USB

- Printer Sharing
- File System:
  - FAT32/FAT16/NTFS File System
  - FTP Function for File Sharing
- 3G as Back Up
- NAS Facility (Add a USB Memory Sticks or USB Hard Drives for Shared LAN Multimedia Storage/Access)
- The Above Mentioned NAS Also Support a Built-in DLNA Server\*

#### VoIP (V model)

- Protocol: SIP, RTP/RTCP
- 6 SIP Registrars
- G.168 Line Echo-cancellation
- VoIP Status
- PSTN Loop Through
- Codec Features :
  - G.711 A/ $\mu$  law
  - G.723.1
  - G.726
  - G.729 A/B
  - VAD/CNG
- DTMF Relay :
  - In Band
  - Out Band (RFC-2833)
  - SIP Info
- FAX/Modem Support :
  - G.711 Pass-through
  - T.38 for fax Sending/Receiving
- Supplemental Services :
  - Call Hold/Retrieve
  - Call Waiting
  - CLIR (Calling Line Identification Restriction)
  - Call Forwarding (Always, Busy and No Answer)
  - Call Barring (Incoming / Outgoing)
  - Hotline
  - DND (Do Not Disturb)
  - Call Transfer
  - MWI (Message Waiting Indicator) (RFC-3842)\*

#### Hardware Interface

- 4 x 10/100/1000Base-Tx LAN Switch, RJ-45
- 1 x ADSL2/2+ / VDSL2 WAN Port, RJ-11 for Annex A/RJ-45 for Annex B
- 2 x FXS + 1 x FXO, RJ-11 (V Model)
- 2 x Detachable Antennas (n Model)
- 2 x USB Host 2.0 (for Printer, File System and 3.5G Backup)
- 1 x Factory Reset Button
- 1 x Wireless on/off/WPS Button (n Model)
- 1 x Power on/off Button

\*Firmware Upgradable

