DrayTek

Vigor2832 Series
ADSL2/2+ Security Firewall

- Integrated multimode ADSL2/2+ modem
- Gigabit Ethernet WAN for load-balancing/fail-over connectivity
- Gigabit Ethernet LAN for network virtualization with up to 4 virtual network on one device
- Dual USB2.0 for 4G LTE Dongles and file sharing
- 802.11n Wireless LAN with WPA2/802.1x and up to 4 Wireless SSIDs (n model)
- VPN site connectivity with 32 simultaneous PPTP/L2TP/IPsec VPN
- LAN-to-LAN tunnels and 10 simultaneous SSL VPN LAN-to-LAN tunnels

The professional VPN router DrayTek Vigor2832 series provides companies with secure Interenet access. The integrated ADSL2+ modem connects directly to standard ADSL line without additional device. With Gigabit Etherenet and 4G LTE USB WAN, the Vigor2832 series provides a flexible load balancing and failover mechanism for the non-stop Interenet connectivities. In addition, Vigor2832n integrated IEEE 802.11b/g/n to provide wireless network for clients. An extensive range of VPN functions enable branch offices and mobile workers to access the company network securely and at high speed. The four ports of the Gigabit Ethernet LAN ensure maximum peformance and are also providing up to four virtual network on one device for security and flexibility. The Vigor2832 series supplies everything that a small office network needs, such as object-oriented firewall, bandwidth management per IP by session or download/upload speed, and web content filter.

Flexible and Reliability Internet Connectivities for the Future
In addition to the ADSL interface, Vigor2832 series have additional Giga Ethernet WAN interface to connect to a second ISP, moreover, users can let the USB port as the 3rd WAN interface via 4G LTE mobile broadband. In the connection uptime, these three WAN interfaces can do load-balancing to facilitate bandwidth usage. Moreover, they can do failover backup during downtime. If users have different ISPs to provide internet connection to each WAN interface, they can be complete worry-free even one or two ISPs' service are temporary outage. Besides, its 4-port Gigabit LAN switch can smooth large data transmission of bandwidth consumed applications for today business needs.

Secure and Cost-effective Communication
The Vigor2832 series is ideal for connecting to offices or setting up multi-national branch networks. The router's VPN gateway supports 32 simultaneous IPSec channels. By adopting hardware-based VPN encryption of AES/DES/3DS, the router increases the performance of VPN greatly.

By adopting hardware-based VPN encryption of AES/DES/3DS, the router increases the performance of VPN greatly. Secure wireless LAN with the Vigor2832 series is assured by its support of a wide range of security standards such as IEEE 802.1i (WPA2), 802.1X and WEP encryption. Thanks to multi-SSID, the wireless LAN supports multiple networks that are securely separated from one another. Optionally available, the Vigor2832 series Web Content Filter(WCF) protects up to 32 users effectively while surfing the World Wide Web. Flexible bandwidth management guarantees the availability of all applications as these can be prioritized with a comprehensive range of Quality-of-Service feature.

Networking Management
VigorACS SI, the DrayTek management system, is a TR-069 software program for Vigor router series. It caters for the configuration of the device, remote maintenance and network monitoring. The VigorACS SI is used to configure the Vigor2832 series and other DrayTek devices on the network. The extensive range of features and the configuration wizards make the router quick to set up. Other functions in VigorACS SI include the firewall setup, automatic backup of configurations, quick VPN setup, and the intuitive folder structure with convenient search function.

Connectivity

ADSL2/2+
- DHCP Client
- Static IP
- PPPoE/PPPoA/MPoA
- 802.1p/q Multi-VLAN Tagging

Ethernet WAN
- IPv4 - DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1q Multi-VLAN Tagging
- IPv6 - Tunnel Mode: TSPC, AICCU, 6rd, Static 6in4
  Dual Stack: PPP, DHCPv6 Client, Static IPv6
- WAN Connection Failover
- WAN Budget
- Load Balance/Route Policy

Ethernet LAN
- IPv4/IPv6 DHCP Server
- Static Routing/RIP
- Multiple Subnets
- Port/Tag-based VLAN

USB
- 3G/4G-LTE as WAN
- Printer Server/File Sharing

Security

- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI (Stateful Packet Inspection) (Flow Track)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Time Schedule Control
- Firewall v3
- User Management

Management

System Maintenance
- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/FTP/HTTP/TR-069
- CWMP Support (TR-069/TR-104)
- LAN Port Monitoring

Network Management
- Bandwidth Management by Session/Bandwidth
- User Management by Time/Data Quota
- LAN DNS and DNS Forwarding
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level Priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor (Up to 30 nodes)

WLAN (n Model)

- IEEE802.11n 2.0 Compliant
- Multiple SSIDs
- Encryption (64/128-bit WEP,WPA/WPA2,802.1x)
- Hidden SSID
- Wireless Rate Control
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)
- SSID VLAN Grouping with LAN Port

VPN

- Up to 32 VPN Tunnels (Including 10 SSL VPN Tunnels)
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec
- Encryption : MPPE and Hardware-based AES/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
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP
- VPN Trunk: VPN Backup and Load Balance

Hardware Interface

- 1 x ADSL2/2+ Port (WAN-1), RJ-11 for Annex A/RJ-45 for Annex B
- 1 x 1000Base-TX, RJ-45 (WAN-2)
- 4 x 10/100/1000Base-TX LAN, RJ-45
- 2 x Detachable Antennas (n Model)
- 2 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless On/Off/ WPS Button (n Model)

＊ Firmware Upgradeable

	WLAN
Vigor2832n	•
Vigor2832	

Security & Firewall
Multi-WAN Load Balancing/Failover

Firewall

Content Security Management
- **Block P2P (Peer-to-Peer) file sharing programs(e. g. Kazaa, WinMX etc.)**
- **Block Instant Messaging programs (e. g. IRC, MSN / Yahoo Messenger)**

Main Office

Web Server FTP Server ERP Server Mail Server

USB WAN
3G/4G modem

WAN2 Cable/DSL modem

WAN1 DSL Line

Internet

L2TP VPN

IPsec VPN

Supplier

Branch Office