

# DrayTek

## Vigor2926 Series

### Dual-WAN Security Router

- Gigabit Ethernet Broadband Firewall Router
- USB ports for 3G/4G USB mobile, FTP server, network printer and Temperature Sensor
- Web Content Filter support keywords, URL and HTTP/HTTPS content filtering
- 50 VPN Tunnels (including 25 SSL VPN tunnels)
- Capable VPN Backup & Load Balance
- External Device Management for VigorAP series/VigorSwitch series
- Integrated FDD LTE modem and backward compatible to 4G connection (L models)



Vigor2926 Series is the Dual Gigabit Ethernet WANs broadband security firewall router.

The 2 USB ports are for 3.5G/4G LTE mobile broadband access. With the multi-WAN accesses, Vigor2926 series routers provides flexible and reliable broadband connectivity for the small business office. The VPN backup and VPN load balancing assures business continuity via multi-WAN connection to the Internet. The bandwidth management, Quality of Service, VLAN for flexible workgroup management, User Management for authentication, Route Policy, Central VPN Management, Central AP Management and Firewall serve your daily office network to bring in more business opportunities.

#### Flexible LAN Management

The 4-port Gigabit Ethernet switch on the LAN side provides high-speed connectivity for the servers and PCs on the local network, and the Virtual LAN (VLAN) features allow you to separate the LAN clients into different logical domains thus to increase the security and network efficiency. Vigor2926 Series support 802.1Q standard and can build a Tag-based VLAN system with an 802.1Q-support switch, Port-based VLAN is also supported that each LAN port can be configured as a member of different VLAN and be isolated from each other without the use of VLAN tag.

#### Comprehensive Firewall

Vigor2926 has built-in Denial-of-Service defense and comprehensive firewall filters, including packet filtering, web content filtering, and application filtering. These not only protect the network security but also prevent network resource being wasted on non-business related applications.

#### Enterprise-Level VPN

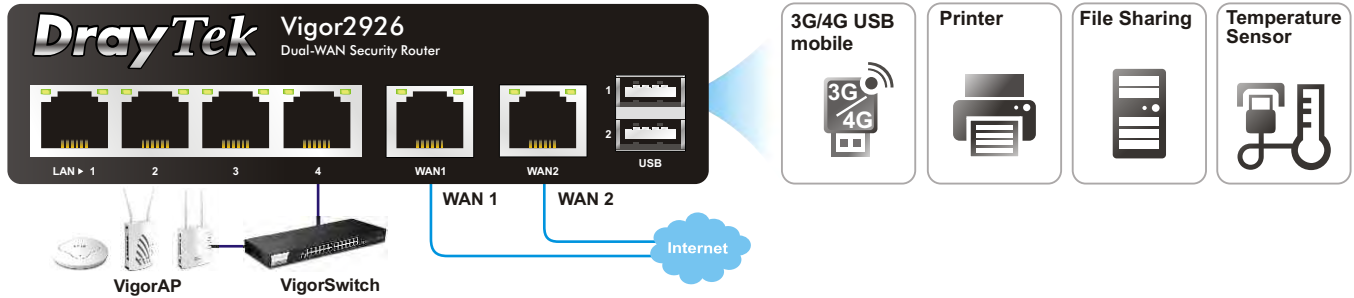
Vigor2926 Series support both LAN-to-LAN and Host-to-LAN VPN with all industry standard tunneling protocols, including PPTP, L2TP, IPsec, GRE, and also SSL VPN. With a dedicated VPN coprocessor for hardware encryption, up to 50 channels can run simultaneously while maintaining the best performance. VPN Trunking for load balancing or failover is also supported to improve the stability and speed of the VPN connections.

#### Centralized Management

Vigor2926 can be the central management portal for all the Vigor devices on the same network, including VigorAPs and Vigor Switches, which allows the administrator to manage all the devices through a single portal. The router itself supports TR-069 protocol and can be remotely managed and monitored through the TR-069-based VigorACS system, thus to reduce the need for on-site technicians.

#### Flexible Network Management

Like all DrayTek routers, Vigor2926 Series routers support comprehensive network management functions. For example, you can set username/password and directory/file access privilege for individual users as required. There are also routing/network tables, system log, debugging utilities, etc. Other management features include SNMP, TR-069 and TR-104. TR-069 can be utilized with DrayTek's VigorACS SI management software to remotely monitor and manage the Vigor2926 series.



## Connectivity

### 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 Fail-over
- WAN Budgets
- Load Balance/Route Policy

### Ethernet LAN

- IPv4/IPv6 DHCP Server
- Static Routing/RIP
- Multiple Subnet
- Port/Tag-based VLAN

### USB

- 3.5G/4G-LTE(PPP, DHCP) as WAN
- Printer Server/File Sharing/Temperature Sensor

## WLAN (Wireless models)

- Multiple SSID
- Encryption (64/128-bit WEP,WPA/WPA2, 802.1x)
- Hidden SSID
- Wireless Rate Control by SSID
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)

## VoIP (V model)

- Protocol: SIP, RTP/RTCP
- 12 SIP Registrars
- G.168 Line Echo-cancellation
- Jitter Buffer
- Voice codec (G.711/G.723.1/G.726/G.729 A/B/VAD/CNG)
- DTMF Tone (Inband /Outband with RFC-2833 /SIP Info)
- FAX/Modem Support Tone Detection and G.711 Pass-through
- Supplemental Services :
  - Call Hold/Retrieve/Waiting/Transfer
  - Call Forwarding (Always/Busy/No Answer)
  - Call Barring (Incoming/Outgoing)
  - DND (Do Not Disturb)
  - MWI (Message Waiting Indicator)(RFC-3842)
  - Hotline
- Secure Phone (ZRTP + SRTP)
- PSTN Loop-through When Power Failure
- Dial Plan (Phone Book, Digit Map, Call Barring, Regional)

## 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
- Bind IP to MAC Address
- Time Schedule Control
- Content Security ( IM/P2P, URL, Keywords, Cookies,...)

## VPN

- Up to 50 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
- Supports 25 SSL VPN Tunnels
- VPN Trunk: VPN Backup and Load Balance

## LTE Modem (L models)

- LTE Connection Status on Dashboard
- Support Sending Short Message Service (SMS) Feature
- Support SMS Quota Limitation
- Show the SMS Information in SMS Inbox

## 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/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 Proxy/Cache
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor
- Central AP Management
- Central VPN Management
- Support Switch Management

## Hardware Interface

- 2 x 1000Base-TX, RJ-45 (WAN1/WAN2)
- 4 x 10/100/1000Base-Tx LAN Switch, RJ-45 (Configurable Physical DMZ on Port4)
- 2 x Detachable Wi-Fi Antennas (n model)
- 4 x Detachable Wi-Fi Antennas (ac model)
- 2 x Detachable LTE Antennas (L model)
- LTE SIM Card Slot (L model)
- 2 x USB Host 2.0
- 1 x USB Host 2.0 (L model)
- 1 x Factory Reset Button
- 1 x Wireless On/Off/ WPS Button
- 2 x FXS and 1 x Life Line Port, RJ11 (V Model)

	WLAN			
	LTE	2.4 GHz	5 GHz	VoIP
Vigor2926 Vac		•	•	•
Vigor2926 Lac	•	•	•	
Vigor2926 Ln	•			
Vigor2926 L	•			
Vigor2926 ac		•	•	
Vigor2926 n		•		
Vigor2926				