# DrayTek

# Vigor2915 Series

### Dual-WAN Security Router

- Dual-WAN for load-balancing or redundancy
- 1 USB port for 3G/4G WAN, printer, or network storage
- 16 concurrent VPN tunnels, including up to 8 SSL VPN
- Bandwidth management & QoS for the best VoIP quality
- SPI Firewall with Content Filtering by Apps, URL keyword, and web category

The Vigor2915 Series is an integrated network management solution designed for small businesses. The Dual-WAN provides link redundancy to ensure reliable Internet access, and it is also a robust VPN server for up to 16 concurrent tunnels. The firewall and content filtering features allow management of the incoming and outgoing network traffic, and it also offers bandwidth management functions that optimize the bandwidth allocation and make the best use of the subscribed bandwidth.

## DUAL-WAN LOAD-BALANCING

Vigor2915ac can have up to 2 active WAN links for load balancing. There is a fixed Ethernet WAN port as the primary interface and the secondary can be either the Ethernet port number 4, the USB port (requires a 3G/4G modem), or the Wi-Fi. The secondary interface can be configured as failover only, and it will be activated automatically in the event of primary link failure or heavy traffic.

## VPN FOR SECURE REMOTE ACCESS

Vigor2915 Series is also a robust VPN server providing Site-to-Site and Remote Access VPN connections. It supports all the standard protocols, including PPTP, IPsec, IKEv2, GRE over IPsec, SSL VPN, and OpenVPN. The Dual-WAN also allows a redundant VPN tunnel, so that if the main VPN fails due to the disconnection of the primary WAN, the router can automatically build a backup VPN  over the alternative WAN.

## FIREWALL & SECURITY

Vigor2915 Series supports Stateful Packet Inspection (SPI) Firewall with Layer 3 filtering. Rules can be created to filter outgoing traffic based on its application, URL keywords, and categories, this helps to protect the local network from insecure websites, and also prevent time and network resource wasting on inappropriate network activities.

## BANDWIDTH MANAGEMENT & TRAFFIC PRIORITIZATION

Vigor2915 Series features Bandwidth Limit and Session Limit to restrict the maximum bandwidth or session number that a host can use, thus to ensure fair allocation of router and bandwidth resources. Quality of Service (QoS) allows you to reserve a certain amount of bandwidth for the critical clients or time-sensitive applications, such as audio and video. Vigor2915 Series also offers a simple option to prioritize the VoIP traffic that helps to optimize the call quality easily.

## 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

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

**USB**
- 3G/4G Modem as WAN
- Printer Server/File Sharing/ Temperature Sensor

## 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)
- LAN Port Monitoring

**Network Management**
- Bandwidth Management by Session/ Bandwidth
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level Priority)
- Guarantee Bandwidth for VoIP
- Central AP Management
- Switch Management

## VPN

- 16 VPN Tunnels (Including 8 SSL VPN Tunnels)
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec, SSL, OpenVPN
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1, SHA-256
- 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

## Wireless (ac model)

- Multiple SSID
- Security (Open, 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)
- SSID VLAN Grouping with LAN Port (Port-based VLAN)

## 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 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,...)

## Hardware Interface

- WAN1: 1 x 10/100/1000Base-TX RJ-45
  1 x 100/1000Mbps SFP Slot (F model)
- WAN2: 1 x 10/100/1000Base-TX RJ-45
  (can be Configured as LAN)
- LAN: 3 x 10/100/1000Base-TX RJ-45
- 2 x Detachable Antennas (ac model)
- 1 x USB Host 2.0
- 1 x Factory Reset Button
- 1 x Wireless ON/OFF / WPS Button (ac Model)

| | WLAN | | | |
| | 2.4 GHz | 5 GHz | Fiber | Power Supply |
|---|---|---|---|---|
| Vigor2915 | | | | 12V/1A, 12W |
| Vigor2915ac | ● | ● | | 12V/1A, 12W |
| Vigor2915F | | | ● | 12V/1A, 12W |
| Vigor2915Fac | ● | ● | ● | 12V/1A, 12W |