Draytek Vigor 2926ac Dual-WAN Router Firewall (V2926AC-K)



Product Name: Draytek Vigor 2926ac Dual-WAN Router Firewall (V2926AC-K)
Manufacturer: -
Model Number: V2926AC-K

Please Note: This product has been discontinued. It's replacement is the V2927AC-K.

Draytek Vigor 2926ac Dual-WAN Router Firewall (V2926AC-K)
The Draytek Vigor 2926ac is a dual-Ethernet WAN firewall for load-balancing or failover. It is also a fully featured firewall, VPN concentrator and content filtering device. Supporting simultaneous operation of the 5Ghz band and the 2.4Ghz band, ensures you have the flexibilty and speeds needed for your devices.
Draytek Vigor 2926ac Key Features

ï¿½ Dual-Band wireless features
ï¿½ 802.11ac Wave 2
ï¿½ 4x4 MU-Mimo (5Ghz)
ï¿½ Wireless LAN beam-forming
ï¿½ IPv4/IPv6 dual-stack
ï¿½ Centrally managed by VigorACS

Robust and Comprehensive FirewallThe firewall feature of the Vigor 2926ac protects against attacks including DoS (Denial of Service), IP-based, and access by unauthorised remote systems. The DrayTek object-based firewall allows even more setup flexibility than ever, enabling you to create combinations of users, rules and restrictions to suit multi-departmental organisations.WAN Load Balancing and BackupThe Vigor 2926ac features WAN connectivity via its two WAN Ethernet ports and two USB ports for connection of a compatible 3G or 4G modem. The ethernet ports can connect to DSL modems, a cable modem, or any other Ethernet-based Internet feed.

Draytek Vigor 2926ac - Technical Specifications
Physical Interfaces

ï¿½ LAN Ports (Switch)-5 X Gigabit Ethernet (1000Mb/s) Ports (Configurable Physical DMZ on Port4)LAN Port 5 Switchable with WAN2 (req. f/w 3.8.8 or later)
ï¿½ WAN Ports:-WAN1 : Gigabit Ethernet (1000Mb/s) Ethernet-WAN2 : Gigabit Ethernet (1000Mb/s) Ethernet for load balance and WAN failover Switchable with LAN Port 5-WAN3 : USB 2.0 Port for 3G/4G Modem, thermometer or Printer-WAN4 : USB 2.0 Port for 3G/4G Modem or Printer-Wireless WAN - Wireless interface can provide WAN connectivity

Performance

ï¿½ Firewall: Up to 400Mb/s max
ï¿½ IPSec VPN: Up to 60Mb/s max

Load Balance/Failover Features

ï¿½ Outbound Policy-Based Load-Balance to direct traffic via:-NAT or Routing-WAN Interface-LAN Interface-Specific LAN Gateway-VPN Tunnel
ï¿½ IP-Based or Session-Based Load Balance modes
ï¿½ WAN Connection Fail-over
ï¿½ BoD (Bandwidth on Demand)
ï¿½ Configurable Load-Balance pool, specify WAN interfaces to load balance
ï¿½ WAN Budget

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Wireless Features

ï¿½ 2.4GHz 802.11n and 5GHz 802.11ac
ï¿½ Backward Compatibility for 802.11a/b/g/n
ï¿½ 802.11ac (5Ghz)
ï¿½ 4x4 MU-Mimo (5Ghz)
ï¿½ Up to 4 Spatial Streams
ï¿½ TX Beam Forming
ï¿½ 1733Mb/s (5Ghz) + 300Mb/s (2.4Ghz) Total Link Rate
ï¿½ Dual-band (2.4/5Ghz) simultaneous wireless
ï¿½ 256QAM
ï¿½ Extended DFS frequency range
ï¿½ TX Beam Forming
ï¿½ Multiple SSID : Create up to 4 virtual wireless LANs (independent or joined)
ï¿½ Packet Aggregation and Channel Bonding
ï¿½ Optional Higher Gain or directional aerials available
ï¿½ Active Client list in Web Interface
ï¿½ Wireless LAN Isolation (from VLAN groups and wired Ethernet interfaces)
ï¿½ 64/128-bit WEP Encryption
ï¿½ WPA/WPA2 Encryption
ï¿½ Switchable Hidden SSID
ï¿½ Restricted access list for clients (by MAC address)
ï¿½ Time Scheduling (WLAN radio can be disabled at certain times of day)
ï¿½ Time Scheduling for individual SSIDs
ï¿½ Access Point Discovery
ï¿½ WDS (Wireless Distribution system) for WLAN Bridging and Repeating
ï¿½ 802.1x Radius Authentication
ï¿½ Wireless VLAN
ï¿½ Wireless Rate-Control
ï¿½ Automatic Power Management
ï¿½ 802.11e WMM (Wi-Fi Multimedia)
ï¿½ Station Control, limit wireless client access time per day
ï¿½ Airtime Fairness
ï¿½ Band Steering
ï¿½ Wireless WAN mode for WAN2, switchable with Ethernet (Wireless models only)

WAN Protocols (Ethernet)

ï¿½ DHCP Client
ï¿½ Static IP
ï¿½ PPPoE
ï¿½ PPTP
ï¿½ BPA

Firewall & Security Features

ï¿½ CSM (Content Security Management):

ï¿½ URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs

ï¿½ Block Web sites by category (e.g. Adult, Gambling etc. Subject to subscription)
ï¿½ Prevent accessing of web sites by using their direct IP address (thus URLs only)
ï¿½ Blocking automatic download of Java applets and ActiveX controls
ï¿½ Blocking of web site cookies

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ï¿½ Block http downloads of file types :-Binary Executable : .EXE / .COM / .BAT / .SCR / .PIF-Compressed : .ZIP / .SIT / .ARC / .CAB/. ARJ / .RAR-Multimedia : .MOV / .MP3 / .MPEG / .MPG / .WMV / .WAV / .RAM / .RA / .RM / .AVI / .AU
ï¿½ Time Schedules for enabling/disabling the restrictions
ï¿½ Block popular P2P (Peer-to-Peer) file sharing programs
ï¿½ Block Instant Messaging programs (e.g. IRC, Skype/Yahoo Messenger etc.)

ï¿½ DNS Filter: Use DNS to enforce categorisation
ï¿½ Web Portal
ï¿½ Multi-NAT (32 WAN IPs per WAN1 & WAN2)
ï¿½ DMZ Host
ï¿½ DMZ Port (via LAN port P1, switchable)
ï¿½ 40 Port Redirection rules
ï¿½ 40 Open Port rules (10 port ranges per rule)
ï¿½ Policy-Based Firewall
ï¿½ MAC Address Filter
ï¿½ SPI (Stateful Packet Inspection) with new FlowTrack Mechanism
ï¿½ DoS / DDoS Protection
ï¿½ IP Address Anti-spoofing
ï¿½ E-Mail Alert and Logging via Syslog
ï¿½ Bind IP to MAC Address
ï¿½ User Management:

ï¿½ Up to 200 Profiles

ï¿½ Supports external authentication via LDAP or RADIUS
ï¿½ Per User Bandwidth and Time Quota
ï¿½ Schedule Control to delete or disable account automatically

Bandwidth Management

ï¿½ Quality of Service (QoS - For devices in the NAT subnets according to source or destination IP)-Guaranteed Bandwidth for VoIP-Class-based Bandwidth Guarantee by User-Defined Traffic Categories-Layer 2&3 (802.1p & TOS/DCSP)-DiffServ Code Point Classifying-4-level Priority for each Direction (Inbound / Outbound)-Bandwidth Borrowed-App QoS: Classify traffic by Application
ï¿½ Temporary (5 minute) Quick Blocking of any LAN Client
ï¿½ Bandwidth Limit (Shared or individual limit)
ï¿½ Smart Bandwidth Limitation (Triggered by Traffic / Session)
ï¿½ Session Limit

Network/Router Management

ï¿½ Web-Based User Interface (HTTP / HTTPS)
ï¿½ CLI (Command Line Interface) / Telnet / SSH
ï¿½ Web Console: Access CLI through Web Interface
ï¿½ Administration Access Control
ï¿½ Brute Force Protection
ï¿½ Configuration Backup / Restore
ï¿½ Configuration Import from Vigor 2920 and Vigor 2925
ï¿½ Built-in Diagnostic Function

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ï¿½ Firmware Upgrade via Web Interface, TFTP, FTP
ï¿½ Logging via Syslog
ï¿½ Supports SmartMonitor (up to 50 IPs monitored)
ï¿½ SNMP v3 Management with MIB-II
ï¿½ TR-069
ï¿½ TR-104
ï¿½ Access Point Management: Centrally Manage up to 20 DrayTek VigorAPs
ï¿½ Switch Management: Centrallly Manage up to 10 DrayTek VigorSwitches

VPN Facilities

ï¿½ Up to 50 Concurrent VPN Tunnels (incoming or outgoing)
ï¿½ Tunnelling Protocols:-PPTP-IPSec-L2TP-L2TP over IPSec-DrayTek SSL-GRE
ï¿½ IPSec Main and Agressive modes
ï¿½ IKE Phase 1 DiffieHelman Groups 1,2,5 & 14
ï¿½ IKE Phase 2 DiffieHelman Groups 1,2,5 & 14 (will match phase 1 selection)
ï¿½ IKEv2 & IKEv2
ï¿½ Encryption : MPPE, DES / 3DES (168bits) and Hardware-Based AES (128/192/256bits)
ï¿½ Authentication : Hardware-Based MD5, SHA-1 and SHA-256
ï¿½ IKE Authentication : Pre-shared Key or X.509 Digital Signature
ï¿½ SSL VPN for teleworkers - Up to 25 simultaneous users. Proxy or tunnel
ï¿½ LAN-to-LAN & Teleworker-to-LAN connectivity
ï¿½ DHCP over IPSec
ï¿½ NAT-Traversal (NAT-T)
ï¿½ Dead Peer Detection (DPD)
ï¿½ VPN Pass-Through
ï¿½ MOTP (Mobile One Time Password) for two factor authentication (2FA)
ï¿½ Virtual IP Mapping, map a remote IP subnet/range to another range to resolve IP subnet/range conflicts
ï¿½ Port forwarding (Port Redirection, Open Ports) to remote clients connected via an IPsec LAN to LAN VPN

Network Features

ï¿½ Port-Based VLAN (Inclusive/Exclusive Groups)
ï¿½ 802.1q VLAN Tagging
ï¿½ Port Mirroring
ï¿½ 802.1X Port Authentication
ï¿½ Multi Subnet DHCP Servers with DHCP Relay
ï¿½ LAN Clients : Up to 1022 per subnet (for subnets 1-3)
ï¿½ Custom DHCP Option support
ï¿½ Dynamic DNS
ï¿½ DNSSEC support
ï¿½ DNS Transparent Proxy
ï¿½ DNS Caching
ï¿½ LAN DNS (supports CNAME)
ï¿½ NTP Client (Synchronise Router Time)
ï¿½ Call Scheduling (Enable/Trigger Internet Access by Time)
ï¿½ RADIUS Client
ï¿½ LDAP Client
ï¿½ TACACS+ Client
ï¿½ High Availability
ï¿½ Internal RADIUS Server
ï¿½ Microsoft™ UPnP Support
ï¿½ Maximum MTU 1534

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ï¿½ Routing Protocols: -Static Routing (30 routes)-RIP V2-RIPng for IPv6 -BGP

Operating Requirements

ï¿½ Rack Mountable (Optional Vigor RM1 mounting bracket required)
ï¿½ Wall Mountable
ï¿½ Temperature Operating : 0°C ~ 45°C
ï¿½ Storage : -25°C ~ 70°C
ï¿½ Humidity 10% ~ 90% (non-condensing)
ï¿½ Power Consumption: 18 Watt Max.
ï¿½ Dimensions: L240.96 * W165.07 * H43.96 (mm)
ï¿½ Operating Power: DC 12V (via external PSU, supplied)
ï¿½ Power Requirements : 220-240VAC

Price: £244.30