



Product Name: DrayTek Vigor 2952 Dual WAN Security Firewall Manufacturer: -Model Number: V2952-K

Please Note: This product has been discontinued. Please see the Draytek Vigor 2962 as an alternative.

Draytek Vigor 2952 Dual WAN High Performance Router Firewall The Draytek Vigor 2952 is a router/firewall with two Gigabit Ethernet WAN ports, providing load balancing or failover for up to two WAN connections. WAN1 can be selected as either RJ-45 or SFP format (SFP is for fibre modules). There are four LAN RJ-45 ports (Gigabit). The Vigor 2952 runs DrayTek's own DrayOS operating system, providing familiarity for users of other existing DrayTek products. Draytek Vigor 2952 Key Features

ï¿1/2 Supports two Gigabit Ethernet WAN Ports with selectable SFP Socket for WAN1

- � USB 3G/4G/LTE USB modem can also be added
- ï¿1/2 Wireless Management of up to 30 DrayTek APs
- ï¿1/2 IPv6/IPv4 Dual-Stack
- ï¿1/2 DrayOS Operating System
- ï¿1/2 High performance up to 500Mb/s firewall throughput
- i¿1/2 DrayTek Firewall with huge flexibility
- ï¿1/2 High Availability (Hardware failover)

Draytek Vigor 2952 - Technical Specifications LAN Ports:

ï¿1/2 4 X RJ-45 Gigabit Ethernet (1000Mb/s) - LAN

WAN Ports:

- ï¿⅓ WAN1 Selectable:
- ï¿1⁄2 RJ-45 Gigabit Ethernet (1000Mb/s) or

ï¿1/2 SFP Gigabit Slot for Fibre or other module

 WAN2 : RJ-45 Gigabit Ethernet (1000Mb/s) WAN3 : USB3.0 Port for 3G/4G Cellular Modem or NAS feature

Performance:

 � Firewall: Up to 500Mb/s

 � IPSec VPN: Up to 200Mb/s

 � NAT Sessions : 100,000

Load Balance/Failover Features:

i¿½ Outbound Policy-Based Load-Balance i¿½ WAN Connection Fail-over i¿½ BoD (Bandwidth on Demand)



WAN Protocols (Ethernet):

 � DHCP Client

 � Static IP

 � IPv4 / IPv6

 � PPPoE

 � PPTP

 � L2TP

IPv6 Features:

� Operation on all of the WAN ports
� Default-Deny Firewalling
� Static IP, DHCPv6 or PPP
� Connectivity to ISPs provided direct/native IPv6
� Built-in tunnelling to IPv6 brokers:

� TSPC � AICCU � 6in4 � 6rd

i¿1/2 Default stateful firewall for all IPv6 LAN Clients/Devices

� DHCPv6 & amp; RADVD for client configuration

ï¿1/2 IP Filtering Rules

ï¿1/2 QoS for IPv6 with DiffServ

i¿1/2 Router Management over IPv6 (Telnet/HTTP) with IPv6 Access List

ï¿¹/₂ Dual-Stack (Concurrent) operation with IPv4)

Firewall & amp; Security Features:

ï¿1/2 CSM (Content Security Management):

ïزئ URL Keyword Filtering - Whitelist or Blacklist specific sites or keywords in URLs

ïزائ Block Web sites by category (e.g. Adult, Gambling etc. Subject to subscription)

i¿1/2 Prevent accessing of web sites by using their direct IP address (thus URLs only)

ï¿1/2 Blocking automatic download of Java applets and ActiveX controls

ï¿1/2 Blocking of web site cookies

 $\ddot{\imath}_{2}^{1/2}$ Block http downloads of file types :

ï¿1/2 Binary Executable : .EXE / .COM / .BAT / .SCR / .PIF

� Compressed : .ZIP / .SIT / .ARC / .CAB/. ARJ / .RAR

ï¿1/2 Multimedia : .MOV / .MP3 / .MPEG / .MPG / .WMV / .WAV / .RAM / .RA / .RM / .AVI / .AU

 $\ddot{i}_{\dot{c}}$ Time Schedules for enabling/disabling the restrictions

ï¿¹/₂ Block P2P (Peer-to-Peer) popular file sharing programs

ï¿1/2 Block Instant Messaging programs (e.g. IRC, MSN/Yahoo Messenger etc.)

ï¿⅓ Multi-NAT, DMZ Host

ï¿1/2 Port Redirection and Open Port Configuration

ï¿1/2 Policy-Based Firewall

ï¿1/2 MAC Address Filter



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¿ $^{1\!\!/}_{2}$ SPI (Stateful Packet Inspection) with new FlowTrack Mechanism

ï¿1/2 DoS / DDoS Protection

ï¿1/₂ IP Address Anti-spoofing

ï¿1/2 E-Mail Alert and Logging via Syslog

ï¿1/₂ Bind IP to MAC Address

Bandwidth Management:

� QoS

ï¿1/2 Guaranteed Bandwidth for VoIP

تزائد Class-based Bandwidth Guarantee by User-Defined Traffic Categories

ï¿¹/₂ Layer 2&3 (802.1p & TOS/DCSP)

� DiffServ Code Point Classifying

i¿1/2 4-level Priority for each Direction (Inbound / Outbound)

ï¿1/2 Bandwidth Borrowed

� Temporary (5 minute) Quick Blocking of any LAN Client

ï¿1/2 Bandwidth / Session Limitation

Network/Router Management:

ï¿1/2 Web-Based User Interface (HTTP / HTTPS)

ï¿1/2 CLI (Command Line Interface) / Telnet / SSH

ï¿1/2 Administration Access Control

ï¿1/2 Configuration Backup / Restore

ïزائ Built-in Diagnostic Function

ï¿1/2 Firmware Upgrade via TFTP / FTP

ï¿1/2 Logging via Syslog

ï¿1/2 SNMP v3 Management with MIB-II

� TR-069

� TR-104

VPN Facilities

ï¿¹/₂ Up to 100 Concurrent VPN Tunnels (incoming or outgoing)

ï¿1/2 Tunnelling Protocols: PPTP, IPSec, L2TP, L2TP over IPSec

ï¿1/2 IPSec Main and Aggressive modes

ï¿1/2 IKE Phase 1 DiffieHelman Groups 1,2,5 & amp; 14

ïزائ IKE Phase 2 DiffieHelman Groups 1,2,5 & amp; 14 (will match phase 1 selection)

ï¿1/2 Encryption : MPPE, DES and Hardware-Based AES (128/192/256bits) / DES / 3DES (168bits)

ï¿¹/₂ Authentication : Hardware-Based MD5, SHA-1 and SHA-256

ïزئ IKE Authentication : Pre-shared Key or X.509 Digital Signature

i;1/2 SSL VPN for teleworkers - Up to 50 user. Proxy or tunnel.

تزيار LAN-to-LAN & amp; Teleworker-to-LAN connectivity

ï¿⅓ DHCP over IPSec

� NAT-Traversal(NAT-T)

ï¿1/2 Dead Peer Detection (DPD)

ï¿¹/₂ VPN Pass-Through (PPTP, L2TP, IPSec)

ï¿¹∕₂ MOTP (Mobile One Time Password)

SSL VPN:

ï¿1/2 SSL Application support for RDP, VNC & amp; Samba

i¿1/2 Encryption/Authentication : RC4 (128bits), AES (128bits), DES/3DES

ï¿1/2 X.509 Digital Signature



Network Features:

� DHCP Client / Relay / Server
� DHCP Option 66 support
� Dynamic DNS
� NTP Client (Synchronise Router Time)
� Call Scheduling (Enable/Trigger Internet Access by Time)
� RADIUS Client
� UPnP Support

Routing Protocols:

i¿1/2 Static Routing i¿1/2 RIP V2

Certificate Management

� Trusted CA � Local Certificate � CA Server

Operating Requirements:

� Rack Mountable (brackets included)
� Temperature Operating : 0°C ~ 45°C
� Storage : -25°C ~ 70°C
� Humidity 10% ~ 90% (non-condensing)
� Power Consumption: Watt Max.
� Dimensions: (mm)
� Operating Power: 220-240VAC directly to unit
� Warranty : Two (2) Years RTB

Please see product User Guide here. Price: £337.50