

# Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

Product Name: Draytek Vigor 2865-K VDSL/ADSL Router/Firewall



Manufacturer: Draytek Model Number: V2865-K

Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

The DrayTek Vigor 2865-K is a DSL Router with VPN for Small Business and Remote Working. DrayTek Vigor 2865-K ADSL Router Key Features

าั¿½ VDSL2 (Superfast Fibre) and Gigabit Ethernet WAN Router

ī సై Multi-WAN Gigabit Performance Router with Load-Balancing & Damp; Failover

า๊¿½ Up to 950Mbps Firewall Throughput for Ethernet WAN

آذِ2 5+1 Gigabit RJ-45 LAN Ports

� Up to 800Mbps VPN Throughput with IPsec acceleration

าั¿1/2 32 LAN-to-LAN & Tunnels Remote Teleworker VPN Tunnels

12/2 16 DrayTek SSL VPN or OpenVPN Tunnels

The DrayTek Vigor 2865 features Multi-WAN Firewall VPN, ideal for Superfast VDSL Broadband and Ethernet-based FTTP Fibre Broadband. Other highlights include Gigabit throughput, Quality of Service, VPN client/server, comprehensive Firewall and Content Filtering controls. The Vigor 2865 series provides a reliable, fl exible, and secure networking solution, that's ideal for Home Offi ces, Small Business and Satellite Offices.

DrayTek Vigor 2865-K ADSL Router - Technical Specifications

Physical Interfaces:

� WAN1: VDSL2 / VDSL2 35b / ADSL2+, RJ-11

าั¿½ WAN2/LAN Switchable Port: 1x Gigabit Ethernet (1G/100M/10M), RJ-45

ī¿½ LAN Ports: 5x Gigabit Ethernet (1G/100M/10M), RJ-45

፲¿½ 2x USB 2.0 Ports for 3G/4G Modem, thermometer or Printeror 1x USB 2.0 Port

('L' models)

تزن 2x PSTN RJ-11 Telephone Ports (' Vac' model)

וֹנ' $^{1}$  Wireless On / Off / WPS button

� Recessed Factory Reset button

#### Performance:

## � NAT Performance:

ï¿1/2 100 Mb/s Max Sync Rate with VDSL2

าั¿1/2 300 Mb/s Max Sync Rate with VDSL2 35b

11/2 950 Mb/s NAT Throughput for Ethernet WAN with Hardware Acceleration

i¿½ 1.3Gb/s Total Mult-WAN NAT Throughput

าั¿½ 800 Mb/s NAT Throughput per WAN without Hardware Acceleration

12.1/2 60,000 NAT Sessions

17:1/2 8000 Hardware Accelerated NAT Sessions

## � VPN Performance:

ï¿⅓ 300 Mb/s IPsec (AES256) VPN Performance

12/2 800 Mb/s Hardware Accelerated IPsec VPN Performance - New!

ï¿1/2 130 Mb/s SSL VPN Performance

ï¿1/2 Max. 32 Concurrent VPN Tunnels

Ti21/2 Max. 16 Concurrent SSL VPN / OpenVPN Tunnels



# Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

#### WAN Interfaces:

ï¿1/2 WAN1: VDSL2 / VDSL2 35b / ADSL2+

� WAN2: Gigabit Ethernet

## Internet Connection:

� Load Balancing: IP-based, Session-based

ï¿1/2 Hardware Acceleration

� 802.1p/q Multi-VLAN Tagging

� Multi-VLAN/PVC

� 2.4GHz & 5GHz Simultaneous Wireless WAN (with 'ac' models)

ī స్ట్రీ WAN Active on Demand: Link Failure, Traffic Threshold

آذِيً Connection Detection: PPP, ARP Detect, Ping Detect

� WAN Data Budget

� Dynamic DNS

រ៉េ្ស DrayDDNS – with automated LetsEncrypt Certificates

آذِرُ Full Feature-set Hardware Acceleration:

าั¿1/2 Hardware Accelerated Quality of Service

� Multi-WAN Data Budget

ï¿1/2 Traffic Graph & Data Flow Monitor

� Bandwidth Limit

آزار IPv4 Connection Types: PPPoA, PPPoE, MPoA, DHCP, Static IP, PPTP/L2TP (Ethernet

WAN only)

ï¿1/2 IPv6 Connection Types:

Title Ethernet: PPP, DHCPv6, Static IPv6, TSPC, AICCU, 6rd, 6in4 Static Tunnel

آذًا 4G/LTE Modem & amp; USB 4G/LTE Modem: TSPC, AICCU

# VDSL & amp; ADSL Features

ï¿1/2 BT Infinity Option 1 & Dption 2 Compatible

� Compliant with Openreach SIN 498

آذِ Auto Detection of VDSL and ADSL line modes

ï¿1/2 Support for G.INP & amp; Vectoring

� VDSL Standards:

ï¿⅓ ITU-T G.993.1 VDSL

� ITU-T G.993.2, G.997.1 VDSL2

ï¿1/2 Band Plan: G.998, G.997

ï¿1/2 Annex A, Annex B, Annex C

ϊ¿½ VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 35b

ï¿1/2 OLR, UPBO, DPBO Supported

ï¿1/2 US0 Supported

ï¿1/2 Loop Diagnostic Mode

� DSL Forum WT-114



# Draytek Vigor 2865-K VDSL/ADSL Router/Firewall

## آزٰ ADSL Standards:

� ANSI T1.413 Issue2 � ITU-T G.992.1 G.dmt (ADSL) � ITU-T G.992.2 G.lite � ITU-T G.992.3 ADSL2 � ITU-T G.992.5 ADSL2+

## ï¿1/2 ATM Protocols:

� RFC-2684/RFC-1483 Multiple Protocol over AAL5
 � RFC-2516 PPP over Ethernet
 � RFC-2364 PPP over AAL5
 � Support for RFC4638 for MTU up to 1500

## Operating Requirements:

រ៉េ្រ Rack Mountable (Optional Vigor RM1 mounting bracket required)

12.1/2 Wall or Shelf Mountable with included fittings

� Temperature Operating: 0 °C ~ 45 °C

 $\ddot{i}$  Storage: -25 °C ~ 70 °C

� Humidity 10% ~ 90% (non-condensing)

تزار Operating Power: DC 12V (via external PSU, supplied)

ï¿1/2 Power Requirements : 220-240VAC

� Weight: 620g ('ac' model)

ï¿⅓ Dimensions:

� 241mm Width � 165mm Depth � 44mm Height

# **Box Contents**

� Vigor 2865 series router
� Quick Start Guide
� Screws & Dlugs for wall mounting
� 2m Cat-5e RJ-45 Network Cable
� DC 12V Power Supply with UK Plug

Price: £218.40