

Vigor 167

DrayTek

VDSL2 35b & ADSL2+ Modem

Premium. Reliable. Affordable

Datasheet



Product Overview

The Vigor 167 is VDSL2 35b and ADSL2+ modem to Ethernet bridge, connecting VDSL or ADSL to your Ethernet-based Router or Firewall. It provides proven compatibility with UK VDSL2 and ADSL2+ networks.

The Vigor 167 is an ideal modem to connect your DrayTek Vigor router, or any Router and Firewall, to a DSL line.

Key Features & Benefits

Add DSL connectivity to any Router

Ideal Partner device for DrayTek dual-WAN products or any other vendor's Ethernet WAN firewall. Reports DSL Line Status on DrayTek Vigor routers.

Benefits: Connect any Router or Firewall to VDSL & ADSL

No Setup Needed

Works as a modem with most ISPs, straight out of the box. Pre-Configured to work with most UK ISPs. Just set the username and password on your router.

Benefits: Quick and easy to install.

Two Gigabit LAN Ports

Connect two devices to the Vigor 167 with 2 Gigabit (10/100/1000Mbps) LAN ports. No need to disconnect Ethernet WAN to check connectivity.

Benefits: More convenient cabling for diagnostics.

Wall or Shelf Mountable

Can be installed securely on a wall or shelf with screw fixings to hold it in place. Mounting kit included

Benefits: Convenient and tidy installation.

UK Product Code	EAN	Product Name	Product Description
V167-K	4710484743848	Vigor 167 (UK/IE)	Vigor 167 VDSL Modem

Compatible with VigorACS Centralised Management Platform



Key Specification

- VDSL2 (Superfast Fibre FTTC) & ADSL2+ to Ethernet Modem
- Bridges DSL to your Router or Firewall
- Pre-Configured to work with most ISPs
- Compatible with IPTV and ISP Video on Demand services (YouView, Sky Q)
- 2 Gigabit LAN Ports
- Optional VigorCare Available

Technical Specification (UK Hardware Spec.)

Physical Interfaces

- 2 x Gigabit Ethernet (1000Mb/s) Ports
- WAN1 : VDSL2/ADSL2+ - RJ-11
- Recessed Factory Reset button

Performance

- Max VDSL2 35b Sync Rate: 300Mb/s
- Max VDSL2 17a Sync Rate: 100Mb/s
- Max ADSL2+ Sync Rate: 20Mb/s
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WAN Features

- Transparent Bridge for MPoA
- Pre-Configured with OpenReach network VLAN tag 101
- WAN1 Service & Customer (double-tag) VLAN support

DSL Compatibility

- BT Infinity Option 1 & Option 2 Compatible
- Compliant with Openreach SIN 498
- Auto Detection of VDSL and ADSL line modes
- Support for G.INP & Vectoring

VDSL Standards:

- ITU-T G.993.1 VDSL
- ITU-T G.993.2, G.997.1 VDSL2
- Band Plan: G.998, G.997
- Annex A, Annex B, Annex Q
- VDSL2 Profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 35b (not G.fast)
- OLR, UPBO, DPBO Supported
- US0 Supported
- Loop Diagnostic Mode
- DSL Forum WT-114

ADSL Standards:

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

ATM Protocols:

- RFC-2684/RFC-1483 Multiple Protocol over AAL5
- RFC-2516 PPP over Ethernet
- RFC-2364 PPP over AAL5

Network Features

- DSL Status Display with DrayTek Vigor routers

Management Features

- Static Route
- Syslog
- NTP Client (LAN only)
- Built-in Diagnostic Function (ping, traceroute)

Operating Requirements

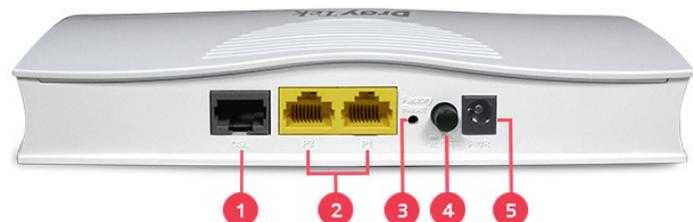
- Wall or Shelf Mountable
- Operating Temperature: 0 °C ~ 45 °C
- Storage Temperature: -25 °C ~ 70 °C
- Humidity 10% ~ 90% (non-condensing)
- Power Consumption: 4.4 Watts maximum
- Dimensions:
 - o207mm Width
 - o131mm Depth
 - o42mm Height
- Weight: 270g
- Operating Power: DC 12V (via external PSU, supplied)
- Power Requirements: 100-240VAC

Box Contents

- Vigor 167 Modem
- Quick Start Guide
- RJ-11 DSL Cable
- Cat-5e RJ-45 Network Cable
- Screws & wall plugs for wall mounting
- DC 12V Power Supply with UK Plug

Warranty

- Two (2) Years RTB
- Optional VigorCare Enhanced Warranty Available
- VigorCare A3 3 Year Subscription: VCARE-A3
- VigorCare A5 5 Year Subscription: VCARE-A5



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|---|-------------------------------|---|---------------------|
| 1 | 1x RJ-11 for VDSL2 35b/ADSL2+ | 4 | Power On/Off Switch |
| 2 | LAN Port: 2x GbE RJ-45 | 5 | Power Input |
| 3 | Reset Button | | |