



## Vigor 130

### VDSL2/ADSL Modem

BT SIN 498 MCT Approved

- ADSL & VDSL2 (FTTC/BT Infinity) Ethernet Modem
- BT SIN 498 [MCT Approved](#)
- Bridge (pass) a single IP address or a whole public subnet
- Ideal Partner device for DrayTek dual-WAN products or any other vendor's Ethernet WAN firewall
- IPv6 and IPv4 Compatible
- Ethernet Connection for client device (router, PC etc.)
- ADSL & VDSL Parameters pre-set for UK ISPs (adjustable)
- Support for MTU1508 (Jumbo Frames)
- VDSL Vectoring
- PPPoA/PPPoE Bridging compatible with ISPs running IPv6
- Normally no setup/configuration of the Vigor 130 required
- View DSL Line Statistics from Vigor router web interface

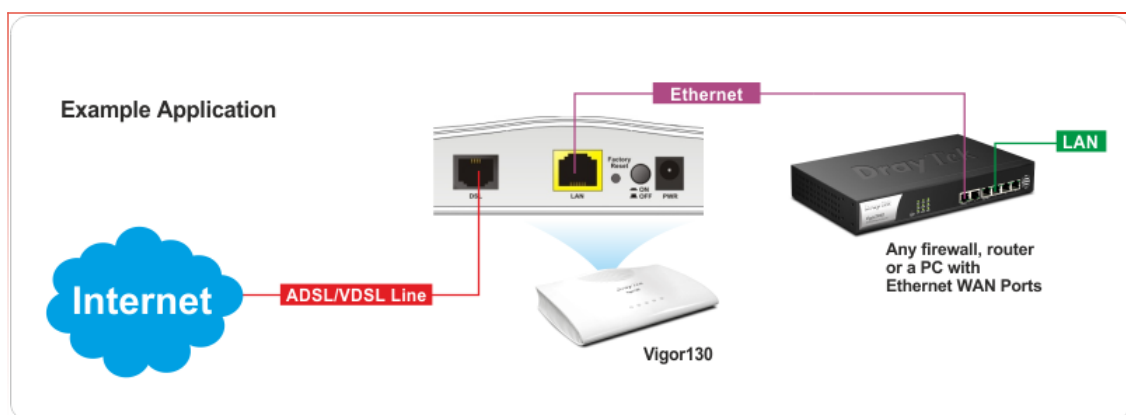
## Overview

### Vigor 130 VDSL2/ADSL Modem

The DrayTek **Vigor 130** is a VDSL2 and ADSL modem with an Ethernet connection; it is not a router but a true ADSL/VDSL Ethernet Modem (bridge). It provides proven compatibility with UK VDSL2 and ADSL technologies; extensively tested and tuned to provide a robust and reliable DSL connection.

By providing a direct bridge between the DSL connection and Ethernet, the connected device (firewall, router or PC) can log into the Internet (your ISP) directly and have full control over the Internet connection - that makes the Vigor 130 a unique product.

You can add VDSL2 and ADSL connectivity to any Ethernet-WAN router simply by connecting up the DrayTek Vigor 130 modem.



This transparent bridging method also differs from using a normal ADSL/VDSL router which logs in itself and then uses NAT or multiple public IP addresses to create an onward client connection for your secondary device; that is not IP Address thrifty and can introduce secondary NAT compromises or interference with various protocols/traffic. With the Vigor 130 bridge/modem, you get a true single public IP address (or multiple, if you have them) straight through to your firewall/router.

## Line Info in Vigor Router Interface

When connected to a DrayTek Vigor router, DSL line information is displayed in the router's own web interface, alongside any built-in DSL interface stats.

Here WAN1 is connected to VDSL2 through the Vigor 2862's built-in modem. WAN2 is connected up to another VDSL2 line through the Vigor 130 modem:

Line 1 Information	(VDSL2 Firmware Version: 779517_A/B/C with Vectoring support)				
Profile	State	UP Speed	Down Speed	SNR Upstream	SNR Downstream
17A	SHOWTIME	19,998 (Kbps)	79,999 (Kbps)	23 (dB)	24 (dB)
Remote VDSL2 Information From WAN 2	(VDSL2 Firmware Version: 05-07-06-0D-01-07)				
Profile	State	UP Speed	Down Speed	SNR Upstream	SNR Downstream
17A	SHOWTIME	10068 (Kbps)	66854 (Kbps)	6(0.1dB)	6(0.1dB)

## Specifications

### Vigor 130 VDSL2/ADSL Modem

Product Code	EAN	UK Product Description	Notes
V130-K	471 677907 516 8	Vigor 130 (UK/IE)	

## Technical Specification (UK Hardware Spec.)

### Physical Interfaces

- RJ-11 - ADSL/VDSL2 Line
- RJ-45 - Gigabit 10/100/1000BaseT Ethernet (auto-sensing/MDI-X)
- Power Socket (DC)

### Features

- Pre-Configured VDSL2/ADSL to Ethernet Bridging Modem
- Built-in Diagnostics (WUI / CLI)
- Support for MTU1508 (Jumbo Frames)
- Bridging mode IPTV (YouView, Sky Q) Relay
- IPv6 and IPv4 Compatible
- DSL Line Stat information relay to DrayTek Vigor routers

### Protocol Support

- ITU-T G.993.1 VDSL
- ITU-T G.993.2 VDSL2
- ITU-T G.997.1
- VDSL Annex A, Annex C, Annex M
- VDSL Profiles: 8a, 8b, 8c, 8d, 12a, 12b, 17a
- VDSL2 Vectoring
- BT SIN 498 [MCT Approved](#)
- OLR, UPBO, DBPO, US0



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- ADSL Annex M
- PPPoA-PPPoE or PPPoE-PPPoE Bridging (WAN to LAN)
- RFC-2684 / RFC-1483

## • Environmental

- Operating : 0 ° ~ 45 ° C
- Storage : -25 ° ~ 70 ° C
- Humidity : 20% ~ 90% Non-Condensing

## • Dimensions

- Width: 182 mm
- Depth: 125 mm
- Height: 40 mm

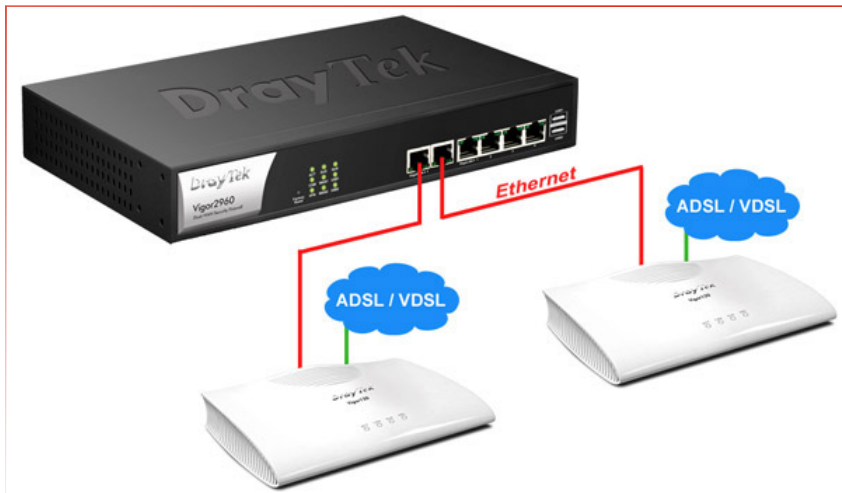
## • Power

- 220-240VAC (to DC with supplied Plug-Top PSU).
- Power Adapter: DC 12V/1A
- Max. Power: 6 watt

## • Warranty

- Two (2) Years RTB

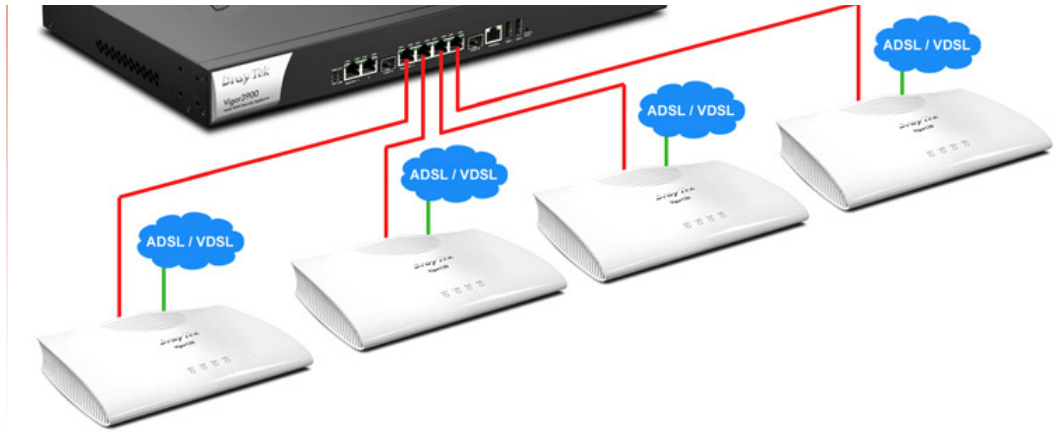
## Product Images



With a Dual-WAN port router and a pair of Vigor 130's, you can have a complete load balancing or failover solution using multiple ADSL/VDSL lines.



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Vigor 130 providing four DSL WAN Connections to a four-WAN router (Vigor 3900)

## Videos

### Using the Vigor 130 with DrayTek routers

In this video we introduce DrayTek's new Vigor 130 modem designed to connect routers with an Ethernet WAN port simply and effectively to a VDSL broadband service.

We show the scenarios in which you would use this new product and how you would go about configuring the various devices within the deployment.

02:55

## Resources



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