



## DrayTek VDSL2 Security Router User Guide

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# DrayTek

### DrayTek VDSL2 Security Router



**Note:** Product specification is subject to continuous evolution which may not always be reflected in the current

documentation. For the formal specification and details of the supported features of your product, please refer only to the website at [www.draytek.co.uk](http://www.draytek.co.uk)

## Safety and Warranty Information

<b>Safety Instructions</b>	<ul style="list-style-type: none"><li>  Read the installation guide thoroughly before you set up the router.</li><li>  The router is a complicated electronic unit that may be repaired only by authorized and qualified personnel. Do not try to open or repair the router yourself.</li><li>  Do not place the router in a damp or humid place, e.g. a bathroom.</li><li>  Do not stack the routers.</li><li>  The router should be used in a sheltered area, within a temperature range of 0 to +40 Celsius.</li><li>  Do not expose the router to direct sunlight or other heat sources. The housing and electronic components may be damaged by direct sunlight or heat sources.</li><li>  Do not deploy the cable for LAN connection outdoor to prevent electronic shock hazards.</li><li>  Keep the package out of reach of children.</li><li>  When you want to dispose of the router, please follow local regulations on conservation of the environment.</li></ul>
<b>Warranty</b>	<p>We warrant to the original end user (purchaser) that the router will be free from any defects in workmanship or materials for a period of two (2) years from the date of purchase from a DrayTek authorized dealer in the UK/Ireland. Please keep your purchase receipt in a safe place as it serves as proof of date of purchase. During the warranty period, and upon proof of purchase, should the product have indications of failure due to faulty workmanship and/or materials, we will, at our discretion, repair or replace the defective products or components, without charge for either parts or labour, to whatever extent we deem necessary to restore the product to proper operating condition. Any replacement will consist of a new or re-manufactured functionally equivalent product of equal value, and will be offered solely at our discretion. This warranty will not apply if the product is modified, misused, tampered with, damaged by external factors, used with unapproved accessories or subjected to abnormal working conditions. Warranty applies to hardware only, not software or firmware. Defects which do not significantly affect the usability of the product will not be covered by the warranty. We reserve the right to revise the manual and online documentation and to make changes from time to time in the contents</p> <p>hereof without obligation to notify any person of such revision or changes.</p>

## External Power Supply (Power Adapter) Information

		1	2	3	4	5	6	7	8	9
A	Manufacturer	CWT	CWT	CWT	CWT	CWT	APD	APD	APD	APD
B	Address	No. 222 , Sec.  2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8,  Taiwan	No. 222 , Sec.  2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8,  Taiwan	No. 222 , Sec.  2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8,  Taiwan	No. 222 , Sec.  2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8,  Taiwan	No. 222 , Sec.  2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8,  Taiwan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Tai wan
C	Model identi fier	2ABB0 12F UK	2ABB0 18F UK	2ABL02 4F UK	2ABL03 0F UK	2ABN0 36F UK	WA-12 M12FG	WB-18 D12FG	WA-24 Q12FG	WA-36 A12FG
		2ABB0 12F EU	2ABB0 18F EU	2ABL02 4F EU	2ABL03 0F EU	2ABN0 36F EU	WA-12 M12FK	WB-18 D12FK	WA-24 Q12FK	WA-36 A12FK
D	Input voltage	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V	100~24 0V
E	Input AC freq uency	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z	50/60H z
	Output voltag e DC	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V
F	Output curren t	1.0A	1.5A	2.0A	2.5A	3.0A	1.0A	1.5A	2.0A	3.0A
G	Output power	12.0W	18.0W	24.0W	30.0W	36.0W	12.0W	18.0W	24.0W	36.0W
H	Average activ e efficiency	84.9%	86.2%	87.6%	87.8%	89.8%	83.7%	85.4%	88.6%	88.2%
I	Efficiency at l ow load 10%	73.6%	78.0%	81.3%	83.3%	83.7%	74.5%	80.5%	86.4%	85.4%
J	No-load powe r consumption	0.07W	0.07W	0.07W	0.07W	0.07W	0.07W	0.10W	0.07W	0.10W

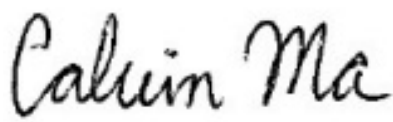
For more updates & information, please visit [www.draytek.com](http://www.draytek.com). The external power supply used for each product will be model dependent.

<b>Join the UK mailing list</b>	Users in the UK & Ireland can sign up to our mailing list which goes out approximately 4 times per year with products news, updates, hints & tips and offers. For details, please visit <a href="http://www.draytek.co.uk/list">www.draytek.co.uk/list</a>
<b>Firmware &amp; Tools Updates</b>	<p>Due to the continuous evolution of DrayTek technology and emerging risks, router firmware updates may be issued.</p> <p>Please consult the DrayTek web site for more information on newest firmware, tools and documents:</p> <p><a href="http://www.draytek.co.uk">www.draytek.co.uk</a> (For UK/Ireland) <a href="http://www.draytek.com">www.draytek.com</a> (For other countries)</p>

### EU Declaration of Conformity

We DrayTek Corp., office at No.26, Fishing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan, declare under our sole responsibility that the product

- **Product name:** VDSL2 Security Router
- **Model number:** Vigor2763 Series
- **Manufacturer:** DrayTek Corp.
- **Address:** No.26, Flushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan is in conformity with the relevant Union harmonization legislation:
- EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, ErP 2009/125/EC, and RoHS
- 2011/65/EU with reference to the following standards


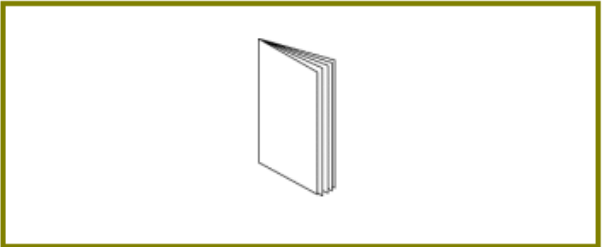
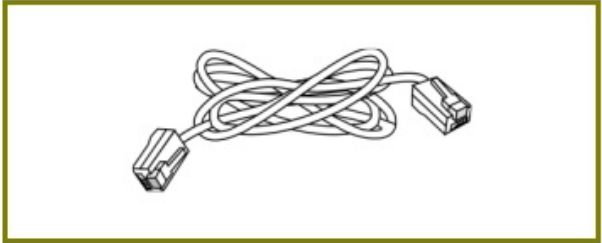
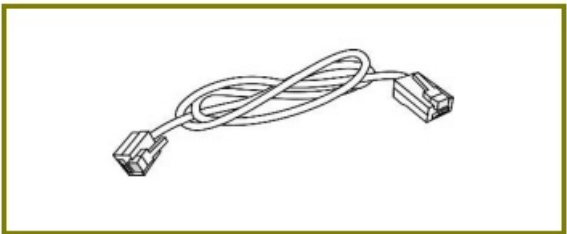
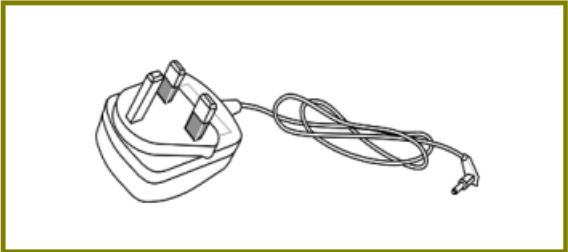
Standard	Version / Issue date	
EN 55032	2012+AC:2013 class B	
EN 61000-3-2	2014 Class A	
EN 61000-3-3	2013	
EN 55024	2010+A1:2015	
EN 62368-1	2014/A11:2017	
EN IEC 63000:2018	2018	
EC No. 1275/2008	2008	
<b><u>Hsinchu</u></b>	<b><u>March 2, 2022</u></b>	 <b><u>Calvin Ma / President</u></b>
(place)	(date)	(Legal Signature)

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- **Address:** No.26, Flushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan

Standard	Version / Issue date	
EN 55032	2015+A1:2016 class B	
EN 61000-3-2	2014	
EN 61000-3-3	2013	
EN 55024	2010+A1:2015	
EN 62368-1	2014/A11:2017	
EN IEC 63000:2018	2018	
SI 2019 No.539	2019	
<u>Hsinchu</u>	<u>2nd March 2022</u>	<div> <u>Calvin Ma / President</u></div>
(place)	(date)	(Legal Signature)

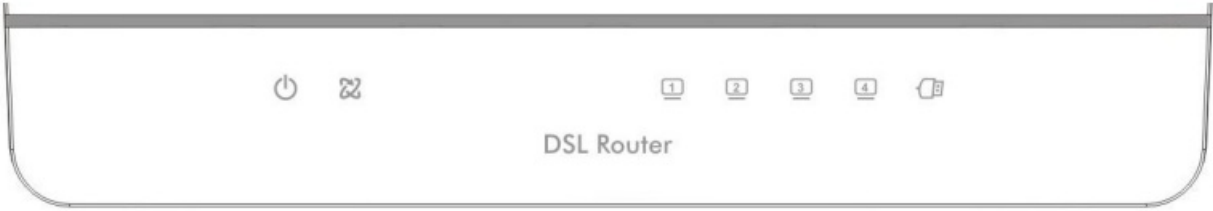
## package contents

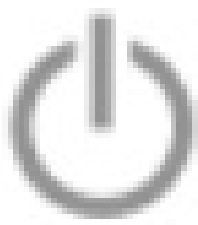



		
<b>DrayTek Vigor Router</b>		<b>Quick Start Guide</b> (This document)
		
<b>RJ-45 Cable (Ethernet)</b> (Connects to your PC or Switch)		<b>RJ-11 to RJ-11 Cable</b> (Connects to your DSL line)
		
<b>UK Power Adapter</b>		

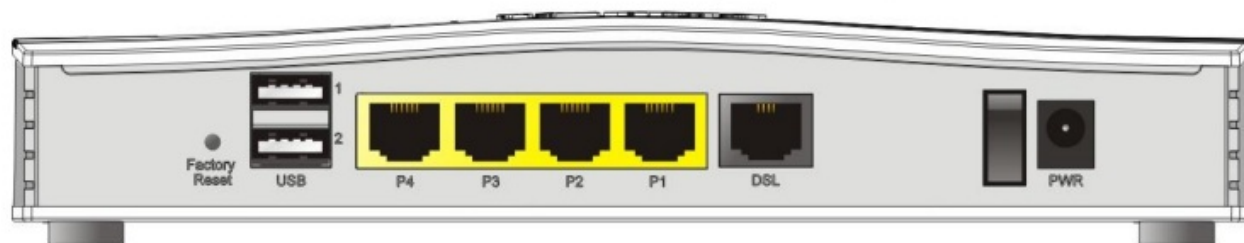
The maximum power consumption is *15 Watts*.

<b>Important Note</b>	Remove the protective film from the router before use to ensure ventilation.
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### Panel Explanation for Vigor 2763



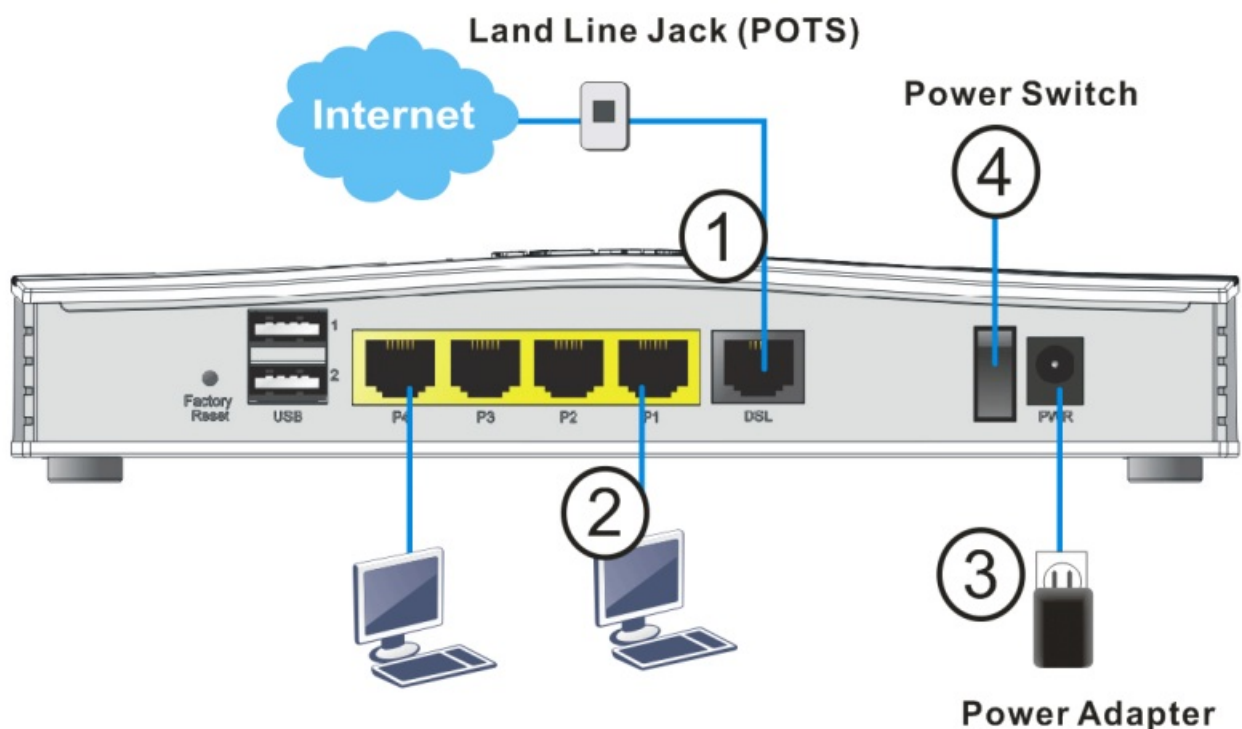
LED	Status	Explanation
 (Activity)	Blinking	The router is ready and operating normally
	Off	The router is powered off
 (DSL)	On	DSL connection synchronized
	Blinking (Slowly)	DSL connection not currently synchronizing or not detected
	Blinking (Quickly)	DSL connection is synchronizing
 (LAN1/2/3/4)	On	Ethernet LAN (RJ45) is connected
	Blinking	Data is transmitted (sending/receiving)
	Off	Ethernet LAN is disconnected
 (USB)	On	The USB device is connected and ready for use
	Blinking	Data is being transmitted over USB



Interface	Description
Factory Reset	Restore the default settings.  Usage: Turn on the router (ACT LED is blinking). Press gently and hold for more than 5 seconds. When the ACT LED blinks rapidly, release the button. Then the router will restart with the factory default configuration
USB1~USB2	Connector for a USB 3G/4G modem, storage, printer or USB Thermometer
P1~P4	RJ-45 Gigabit Ethernet connectors for local network devices. LAN port P4 can be configured as the Ethernet WAN port, see:  <a href="https://www.draytek.co.uk/support/guides/kb-ethernetwan-enable">https://www.draytek.co.uk/support/guides/kb-ethernetwan-enable</a>
DSL	RJ-11 connector for ADSL or VDSL line
I / O	Power Switch. Turns the unit on (I) or off (O)
PWR	Connector for the power adapter

## Hardware Installation

### Connecting up the VigorRouter



1. ADSL/VDSL Connections: Connect the DSL port to the Modem or DSL port of the external splitter/microfilter (not supplied) with the RJ-11 line cable. In some cases, your RJ-11 DSL socket will be built into your phone line socket on the wall and you won't have a separate microfilter/splitter.
2. LAN Connections: Connect a LAN port of the router to your computer or switch.
3. Power Supply: Connect the power adapter to the Vigor 2763's PWR socket on the rear and plug the power adapter into a suitable mains socket.  
Turn the Vigor 2763 on using its power switch.
4. The router will start up. After completing the system test, the ACT LED will light up and start blinking once per

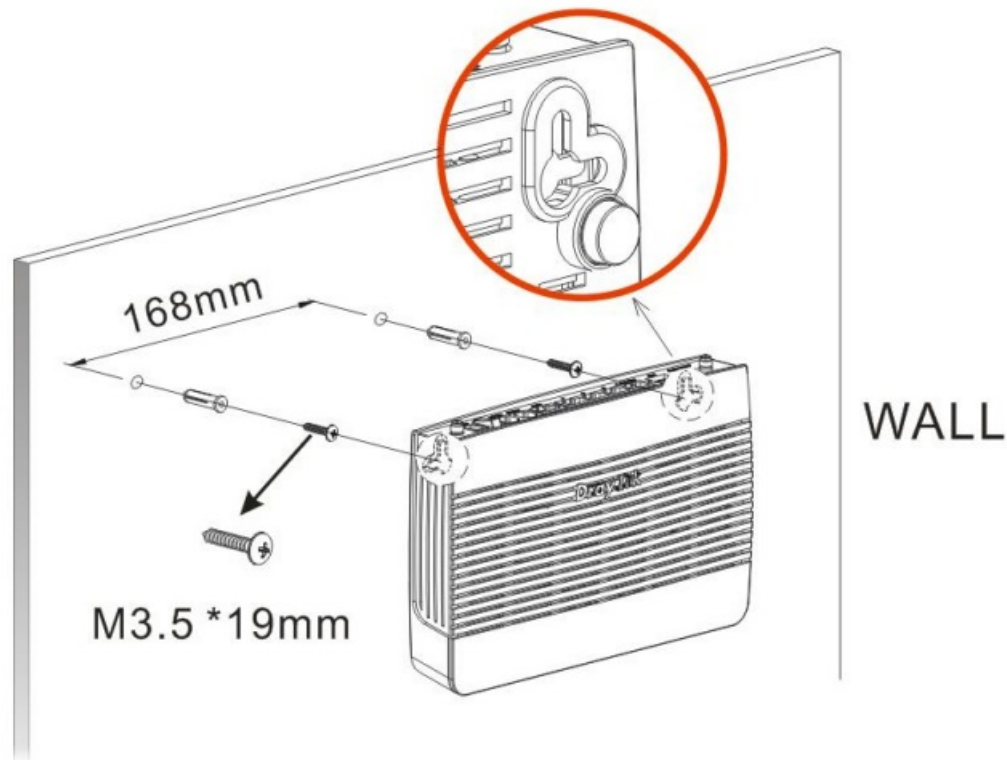


second to indicate that it is ready for use. For more detailed information on LED status, please refer to section 2 Panel Explanation for Vigor2763.

Wall-Mounting the Vigor Router

DrayTek Vigor 2763 series routers have keyhole-type mounting slots on the underside to hang the router on, using screws attached to a wall or other surface.

- 1. Drill two holes The distance between the holes shall be 168mm.
- 2. Fit screws into the wall using the appropriate type of wall
- 3. With the screws installed, the router can be slotted into



Note		The recommended drill diameter is 6.5mm (1/4").

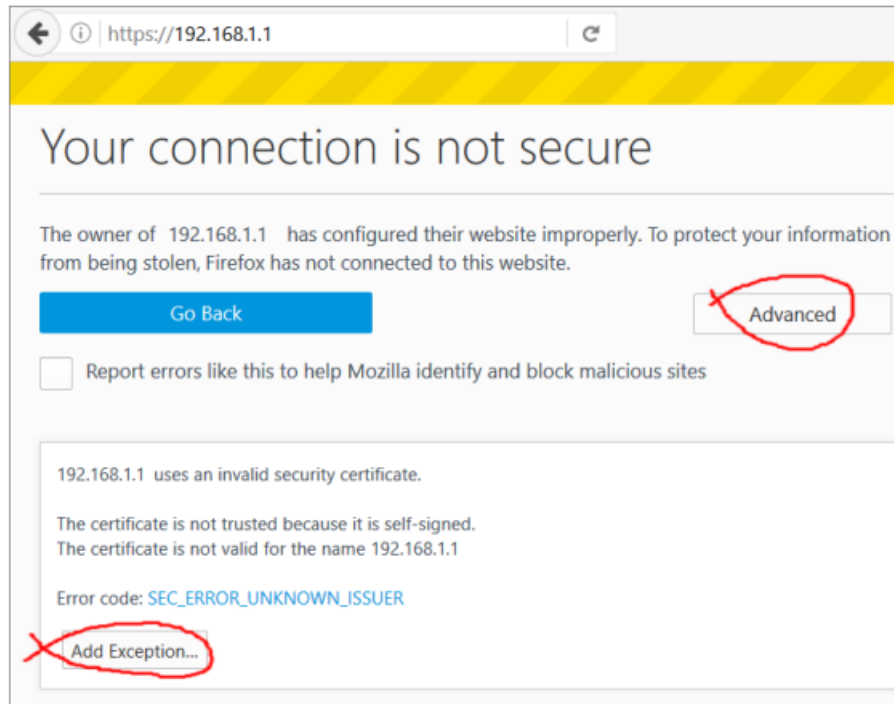
Setup & Configuration

This section provides examples of how to initially access the router and configure internet access for the most common types of Internet connection in the UK. If the instructions in this quick start guide do not allow you to get online with your ISP or type of Internet connection, contact your dealer for advanced information.

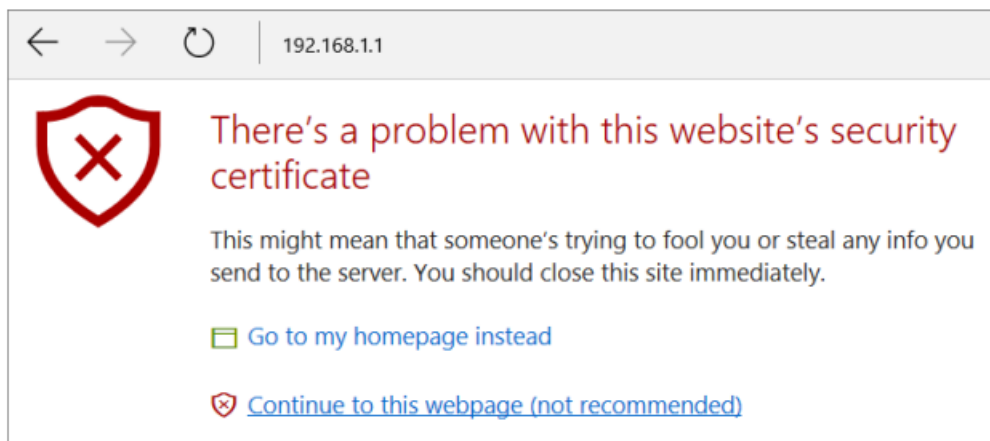
Note		<p>To access the router, your PC will need to either get its IP address using DHCP or have a n IP address in 192.168.1.x range.</p> <p>For details on how to change this, please refer to the “Trouble Shooting” section in the Us er Guide.</p>

## Accessing the Router Web Interface

- Open a web browser on your PC and type **https://192.168.1.1**.
- The HTTPS:// prefix ensures that your connection is encrypted using SSL so that your session data cannot be intercepted. Without that prefix, your data passes in clear text.
- You may get a warning from your browser (IE, Chrome, Edge, Safari etc.) about your server (the router) having an invalid certificate. Your browser will demand further confirmation or exception before allowing access. The warnings will look something like these examples.
- An example of how to access the router via HTTPS with Mozilla Firefox:



An example from Microsoft Edge, click "Continue to this webpage" to proceed:



Most other browsers will present equivalent warnings. In each case, following the prompts/links will allow you to access the router's web interface. It is still encrypted with SSL/TLS.

<b>Note</b>		<p>This warning appears because the router's default certificate is 'self-signed' rather than issued to you by a certificate authority who has verified your identity.</p> <p>A self-signed certificate means that you cannot verify the identity of the server, but as it's your own local router, that shouldn't be an issue – your connection is still encrypted.</p>

The router login prompt will then request a username and password to allow access.



The image shows the login interface for a DrayTek Vigor2763 Series router. At the top, there is a red banner with the 'DrayTek' logo on the left and 'Vigor2763 Series' on the right. Below the banner, the word 'Login' is written in a bold, black font. The main area contains two input fields: 'Username' and 'Password', each with a corresponding text box. Below these fields is a 'Login' button. At the bottom, there is a 'Security Warning' message: 'Security Warning: You are logging in without encryption which is not recommended. To login securely [click here](#).' Below the warning is a copyright notice: 'Copyright © 2000-2018 DrayTek Corp. All Rights Reserved.'

- The factory default login details are:
- **Username:** admin
- **Password:** admin

<b>Note</b>		<p>If you cannot access the web interface, please go to the "Trouble Shooting" section in the User Guide to determine the cause of and solve your problem.</p>

Upon successful login, the router will display the Dashboard, which shows a summary of the router model, WAN status, front panel port status, and other information:

**Vigor2763 Series**

Auto Logout
IP6

Dashboard  
Wizards  
Online Status

Search menu

WAN  
LAN  
Hotspot Web Portal  
Routing  
NAT  
Firewall  
Objects Setting  
CSM  
Bandwidth Management  
Applications  
VPN and Remote Access  
Certificate Management  
Mesh  
Wireless LAN (2.4 GHz)  
Wireless LAN (5 GHz)  
USB Application  
System Maintenance  
Diagnostics

Central Management  
AP  
External Devices

MyVigor Services  
Product Registration  
Service Status

### Dashboard

#### System Information

Model Name	Vigor2763ac	System Up Time	0:02:34
Router Name	DrayTek	Current Time	Sat Jan 01 2000 00:02:21
Firmware Version	r87406_beta	Build Date/Time	Dec 20 2019 14:33:40
DSL Version	08-08-00-0F-00-07	LAN MAC Address	00-1D-AA-40-D8-90

#### IPv4 LAN Information

	IP Address	DHCP		IP Address	DHCP
LAN1	192.168.1.1/24	v	LAN2	192.168.2.1/24	v
IP Routed Subnet	192.168.0.1/24	v			

#### IPv4 Internet Access

	Line / Mode	IP Address	MAC Address	Up Time
WAN1	VDSL2 / PPPoE	Disconnected	00-1D-AA-40-D8-91	00:00:00
WAN2	Ethernet / ---	Disconnected	00-1D-AA-40-D8-92	00:00:00
WAN3	USB / ---	Disconnected	00-1D-AA-40-D8-93	00:00:00

#### Interface

DSL	Connected : Down Stream : 0Kbps / Up Stream : 0Kbps
WAN	Connected : 0, WAN1 WAN2 WAN3
LAN	Connected : 0, Port1 Port2 Port3 Port4
WLAN	Connected : 0
WLAN5G	Connected : 0
USB	Connected : 0, USB 1 USB 2

#### Quick Access

- System Status
- Dynamic DNS
- TR\_069
- IM/P2P Block
- Schedule
- SysLog / Mail Alert
- RADIUS
- Firewall Object Setting
- Data Flow Monitor

<b>Note</b>		<p>We recommend configuring a secure password when first logging in to the router's administration interface.</p> <p>The router's administration password can be changed from <b>[System Maintenance] &gt; [Administrator Password]</b></p>

## WAN1 – ADSL & VDSL Connection Setup

The WAN1 interface of the Vigor2763 router can connect to VDSL2 and ADSL2+ lines.

If your Internet connection uses VDSL2 and your ISP has supplied you with a Username and Password to connect to the Internet, go to the section

### PPPoE connection with FTTC VDSL2

If your Internet connection uses VDSL2 and your ISP does not supply or require a Username and Password to connect to the Internet, go to the section

### DHCP / Static IP connection with FTTC VDSL2

If your Internet connection uses ADSL or ADSL2+ and your ISP has supplied you with a Username and Password to connect to the Internet, go to the section

### PPPoA connection with ADSL / ADSL2+

- PPPoE connection with FTTC VDSL2

1. Go to **[WAN] > [General Setup]** and click on the **WAN1** link:

The screenshot shows the 'WAN >> General Setup' page. On the left is a sidebar with 'Auto Logout', 'IR6', and navigation links: 'Dashboard', 'Wizards', 'Online Status', 'Search menu', 'WAN', 'General Setup' (highlighted), and 'Internet Access'. The main content area displays a table with WAN configurations:

Index	Enable	Physical Mode/Type	Active Mode
<a href="#">WAN1</a>	<input checked="" type="checkbox"/>	VDSL2/-	Always On
<a href="#">WAN2</a>	<input type="checkbox"/>	LAN Port 4	Failover
<a href="#">WAN3</a>	<input checked="" type="checkbox"/>	USB/-	Failover

2. On the settings page:

- Set the Enable option to Yes to activate the WAN1 connection
- Set the Active Mode to Always On
- **Enable the Service – VLAN Tag insertion**
- Set the **Tag value** setting to **101**

<b>Note</b>		<p>The VLAN tag value of 101(UK only) is required to connect to ISPs that operate on the Open reach VDSL2 network, if your ISP operates on a different VDSL2 network, this tag value may differ.</p> <p>Please check with your ISP.</p>

## WAN>> General Setup

The screenshot shows the 'WAN >> General Setup' configuration page. It includes the following settings:

- Enable:** Yes (dropdown)
- Display Name:** (empty text field)
- Physical Mode:** VDSL2
- DSL Mode:** Auto (dropdown)
- DSL Modem Code:** AnnexA\_779517\_773F01 (dropdown)
- Line Speed(Kbps):**
  - DownLink: 0
  - UpLink: 0
- Active Mode:** Always On (dropdown)

Below these settings is a table for VLAN Tag insertion:

VLAN Tag insertion	Customer	Service
<b>ADSL</b>	Disable (dropdown) Tag value: 0 (0~4095) Priority: 0 (0~7)	
<b>VDSL2</b>	Disable (dropdown) Tag value: 0 (0~4095) Priority: 0 (0~7)	Enable (dropdown) Tag value: 101 (0~4095) Priority: 0 (0~7)

- Click **OK** on that page to apply the changes.
- Go to **[WAN] > [Internet Access]**
- Set the **WAN1 Access Mode** to **PPPoE / PPPoA**, then click the **Details Page** button to proceed:

Auto Logout ▾

Dashboard  
Wizards  
Online Status

WAN

General Setup

**Internet Access**

Multi-PVC/VLAN

WAN Budget

LAN

### WAN >> Internet Access

Internet Access		1	2
Index	Physical Mode	Access Mode	
WAN1	ADSL / VDSL2	PPPoE / PPPoA ▾	<a href="#">Details Page</a>
WAN2	Ethernet	None ▾	<a href="#">Details Page</a>
WAN3	USB	None ▾	<a href="#">Details Page</a>

#### On the PPPoE / PPPoA settings tab:

- Select the Enable radio button at the top of the page to ensure that the PPPoE interface is enabled.
- In the ISP Access Setup section, input the ISP username into the Username field and the password in the Password field.
- If your ISP has provided a static IP address, that can be specified by setting the Fixed IP setting to Yes and entering the IP in the Fixed IP Address field.

#### WAN> Internet Access

PPPoE / PPPoA	MPoA / Static or Dynamic IP	IPv6
<input checked="" type="radio"/> Enable <input type="radio"/> Disable		
<b>ADSL Modem Settings</b> Multi-PVC channel: <span>Channel 1 ▾</span> VPI: <span>0</span> VCI: <span>38</span> Encapsulating Type: <span>VC MUX ▾</span> Protocol: <span>PPPoA ▾</span> Modulation: <span>Multimode ▾</span>	<b>PPP/MP Setup</b> PPP Authentication: <span>PAP or CHAP ▾</span> IP Assignment (IPCP): <input type="radio"/> Static <input checked="" type="radio"/> Dynamic Fixed IP Address: <span></span> <a href="#">WAN IP Alias</a>	
<b>ISP Access Setup</b> Username: <span>23456@HG01.btclick.com</span> Password: <span>●●●●●●●●</span> <a href="#">More Options</a>	<b>Dial-Out Schedule</b> Index(1-15) in <a href="#">Schedule Setup</a> : None ▾ => None ▾ => None ▾ => None ▾	
<b>PPPoE Pass-through</b> <input type="checkbox"/> For Wired LAN <sup>2</sup> <input type="checkbox"/> For Wireless LAN		

- Click OK on this page to apply the changes and the router will then prompt to restart. Click the OK button to restart the router.
- Once the router has restarted, the [Online Status] > [Physical Connection] page will display the VDSL information and PPP connection status, if the WAN1 section shows an IP address, it has connected to the internet successfully:

Auto Logout

Dashboard  
Quick Start Wizard  
Online Status  
**Physical Connection**  
Virtual WAN

WAN  
LAN  
NAT  
Firewall  
User Management  
Objects Setting  
CSM  
Bandwidth Management  
Applications  
VPN and Remote Access  
Certificate Management  
Wireless LAN  
SSL VPN  
USB Application  
System Maintenance  
Diagnostics  
External Devices

Support Area  
Product Registration

Online Status

---

Physical Connection System Uptime: 0:8:44

IPv4		IPv6		
LAN Status	Primary DNS: 194.72.0.98			Secondary DNS: 213.120.234.26
IP Address	TX Packets	RX Packets		
192.168.1.1	0	0		

WAN 1 Status >> Drop PPPoA

Enable	Line	Name	Mode	Up Time		
Yes	VDSL2		PPPoE	0:07:41		
IP	GW IP	TX Packets	TX Rate(Bps)	RX Packets	RX Rate(Bps)	
217.34.6.35	217.42.145.215	224580	805	339568	963	

WAN 2 Status

Enable	Line	Name	Mode	Up Time		
Yes	Ethernet		---	00:00:00		
IP	GW IP	TX Packets	TX Rate(Bps)	RX Packets	RX Rate(Bps)	
---	---	0	0	0	0	

WAN 3 Status

Enable	Line	Name	Mode	Up Time	Signal
Yes	USB		---	00:00:00	-
IP	GW IP	TX Packets	TX Rate(Bps)	RX Packets	RX Rate(Bps)
---	---	0	0	0	0

VDSL2 Information (VDSL2 Firmware Version: 8B0F07\_A/B/C )

Profile	State	UP Speed	Down Speed	SNR Upstream	SNR Downstream
17A	SHOWTIME	20000 (Kbps)	80000 (Kbps)	15 (0.1dB)	6 (0.1dB)

Note		<p>If the WAN 1 IP address displayed begins with 172.16.x.x, it's possible that the ISP has not accepted the supplied Username and Password for the Internet connection.</p> <p>Check that the ISP Access Setup – Username and Password match the details supplied by your ISP.</p>

## DHCP / Static IP connection with FTTC VDSL2

- Go to **[WAN] > [General Setup]** and click on the **WAN1** link:

Auto Logout

Dashboard  
Wizards  
Online Status

Search menu

WAN  
**General Setup**  
Internet Access

WAN >> General Setup

Index	Enable	Physical Mode/Type	Active Mode
<a href="#">WAN1</a>	<input checked="" type="checkbox"/>	VDSL2/-	Always On
<a href="#">WAN2</a>	<input type="checkbox"/>	LAN Port 4	Failover
<a href="#">WAN3</a>	<input checked="" type="checkbox"/>	USB/-	Failover

- On the settings page:

- On the settings page:
- Set the Enable option to Yes to activate the WAN1 connection
- Set the Active Mode to Always On
- Enable the **Service – VLAN Tag insertion**
- Set the **Tag value** setting to 101



<b>Note</b>		<p>The VLAN tag value of 101(UK only) is required to connect to ISPs that operate on the Open reach VDSL2 network, if your ISP operates on a different VDSL2 network, this tag value may differ.</p> <p>Please check with your ISP.</p>

• **WAN>>General Setup WAN 1**

Enable:	Yes ▾	
Display Name:	<input type="text"/>	
Physical Mode:	VDSL2	
DSL Mode:	Auto ▾	
DSL Modem Code:	AnnexA_779517_773F01 ▾	
Line Speed(Kbps):		
DownLink	<input type="text" value="0"/>	
UpLink	<input type="text" value="0"/>	
Active Mode:	Always On ▾	
<b>VLAN Tag insertion</b>	<b>Customer</b>	<b>Service</b>
<b>ADSL</b>	Disable ▾ Tag value <input type="text" value="0"/> Priority <input type="text" value="0"/> (0~4095) (0~7)	
<b>VDSL2</b>	Disable ▾ Tag value <input type="text" value="0"/> Priority <input type="text" value="0"/> (0~4095) (0~7)	Enable ▾ Tag value <input type="text" value="101"/> Priority <input type="text" value="0"/> (0~4095) (0~7)

- Click OK on that page to apply the changes.

**Go to [WAN] > [Internet Access]**

Set the WAN1 Access Mode to MPoA / Static or Dynamic IP, then click the Details Page button to proceed:

Auto Logout ▾

Dashboard  
Wizards  
Online Status

---

**WAN**

General Setup

**Internet Access**

Multi-PVC/VLAN

WAN Budget

LAN

**WAN >> Internet Access**

---

**Internet Access**

Index	Physical Mode	Access Mode	
WAN1	ADSL / VDSL2	MPoA / Static or Dynamic IP ▾	Details Page
WAN2	Ethernet	None ▾	Details Page
WAN3	USB	None ▾	Details Page

**1. In the MPoA / Static or Dynamic IP settings:**

- Select the **Enable** option and select **Obtain an IP address automatically**
- which will obtain an IP from the ISP using DHCP.
- If your ISP has provided a static IP range, with a Network address and a Subnet Mask, specify that with the **Specify an IP address** option.



## WAN >Internet Access WAN 1

PPPoE / PPPoA	MPoA / Static or Dynamic IP	IPv6
<input type="radio"/> Enable <input checked="" type="radio"/> Disable		
<b>ADSL Modem Settings</b> Multi-PVC channel: Channel 2 Encapsulation: 1483 Bridged IP LLC VPI: 0 VCI: 101 Modulation: Multimode		
<b>IP Network Settings</b> <input checked="" type="radio"/> Obtain an IP address automatically More Options + <input type="radio"/> Specify an IP address IP Address: <input type="text"/> Subnet Mask: <input type="text"/>		
<b>WAN Connection Detection</b> Mode: ARP Detect		
<b>MTU</b> 1492 (Max:1500) Path MTU Discovery		
<b>RIP Routing</b> <input type="checkbox"/> Enable RIP		
<b>Bridge Mode</b> <input type="checkbox"/> Enable Bridge Mode <input type="checkbox"/> Enable Full Bridge Mode Bridge Subnet: LAN 1		
<b>MAC Address</b> <input checked="" type="radio"/> Default MAC Address		

Click **OK** on this page to apply the changes and the router will then prompt to restart. Click the OK button to restart the router.

- Once the router has restarted, the **[Online Status] > [Physical Connection]** page will display the VDSL information and DHCP connection status, if the WAN1 section shows an IP address, it has connected to the internet successfully:

Auto Logout

Dashboard  
Quick Start Wizard  
Online Status  
**Physical Connection**  
Virtual WAN  
  
WAN  
LAN  
NAT  
Firewall  
User Management  
Objects Setting  
CSM  
Bandwidth Management  
Applications  
VPN and Remote Access  
Certificate Management  
Wireless LAN  
SSL VPN  
USB Application  
System Maintenance  
Diagnostics  
External Devices  
  
Support Area  
Product Registration

Online Status

System Uptime: 0:8:44

Physical Connection

IPv4
IPv6

LAN Status

IP Address: 192.168.1.1
TX Packets: 0
RX Packets: 0

Primary DNS: 194.72.0.98
Secondary DNS: 213.120.234.26

WAN 1 Status

Enable: Yes
Line: VDSL2
Name:
Mode: DHCP Client
Up Time: 0:06:58

IP: 217.34.6.35
GW IP: 217.42.145.215
TX Packets: 224580
TX Rate(Bps): 805
RX Packets: 339568
RX Rate(Bps): 963

WAN 2 Status

Enable: Yes
Line: Ethernet
Name:
Mode: ---
Up Time: 00:00:00

IP: ---
GW IP: ---
TX Packets: 0
TX Rate(Bps): 0
RX Packets: 0
RX Rate(Bps): 0

WAN 3 Status

Enable: Yes
Line: USB
Name:
Mode: ---
Up Time: 00:00:00
Signal: -

IP: ---
GW IP: ---
TX Packets: 0
TX Rate(Bps): 0
RX Packets: 0
RX Rate(Bps): 0

VDSL2 Information (VDSL2 Firmware Version: 8B0F07\_A/B/C )

Profile: 17A
State: SHOWTIME
UP Speed: 20000 (Kbps)
Down Speed: 80000 (Kbps)
SNR Upstream: 15 (0.1dB)
SNR Downstream: 6 (0.1dB)

### On the PPPoE / PPPoA settings tab:

- The details for the **VPI** and **VCI** settings for ADSL should be correct for UK usage, with **0** and **38** being the defaults. In most cases, it will not be necessary to change these.
- The **Modulation** setting can be left on its default of Multimode which will auto-detect the correct ADSL type to use.

## WAN >Internet Access WAN 1

PPPoE / PPPoA	MPoA / Static or Dynamic IP	IPv6
<input checked="" type="radio"/> Enable <input type="radio"/> Disable		
<b>ADSL Modem Settings</b> Multi-PVC channel: <input type="text" value="Channel 1"/> VPI: <input type="text" value="0"/> VCI: <input type="text" value="38"/> Encapsulating Type: <input type="text" value="VC MUX"/> Protocol: <input type="text" value="PPPoA"/> Modulation: <input type="text" value="Multimode"/>		
<b>ISP Access Setup</b> Username: <input type="text" value="23456@HG01.btclick.com"/> Password: <input type="password" value="....."/> More Options		
<b>PPP/MP Setup</b> PPP Authentication: <input type="text" value="PAP or CHAP"/> IP Assignment (IPCP): <input type="radio"/> Static <input checked="" type="radio"/> Dynamic Fixed IP Address: <input type="text"/> <input type="button" value="WAN IP Alias"/>		
<b>Dial-Out Schedule</b> Index(1-15) in <a href="#">Schedule</a> Setup: None => None => None => None		
<b>PPPoE Pass-through</b> <input type="checkbox"/> For Wired LAN <sup>2</sup> <input type="checkbox"/> For Wireless LAN		

- Click OK on this page to apply the changes and the router will then prompt to restart. Click the OK button to restart the router.
- Once the router has restarted, the [Online Status] > [Physical Connection] page will display the VDSL information and DHCP connection status, if the WAN1 section shows an IP address, it has connected to the internet successfully:

Auto Logout 

Dashboard  
Quick Start Wizard  
Online Status  
**Physical Connection**  
Virtual WAN  
  
WAN  
LAN  
NAT  
Firewall  
User Management  
Objects Setting  
CSM  
Bandwidth Management  
Applications  
VPN and Remote Access  
Certificate Management  
Wireless LAN  
SSL VPN  
USB Application  
System Maintenance  
Diagnostics  
External Devices  
  
Support Area  
Product Registration

Online Status

Physical Connection

System Uptime: 0:8:44

IPv4		IPv6	
LAN Status		Primary DNS: 194.72.0.98   Secondary DNS: 213.120.234.26	
IP Address	TX Packets	RX Packets	
192.168.1.1	0	0	

WAN 1 Status

>> [Drop PPPoA](#)

Enable	Line	Name	Mode	Up Time		
Yes	VDSL2		PPPoE	0:07:41		
IP	GW IP	TX Packets	TX Rate(Bps)	RX Packets	RX Rate(Bps)	
217.34.6.35	217.42.145.215	224580	805	339568	963	

WAN 2 Status

Enable	Line	Name	Mode	Up Time		
Yes	Ethernet		---	00:00:00		
IP	GW IP	TX Packets	TX Rate(Bps)	RX Packets	RX Rate(Bps)	
---	---	0	0	0	0	

WAN 3 Status

Enable	Line	Name	Mode	Up Time	Signal	
Yes	USB		---	00:00:00	-	
IP	GW IP	TX Packets	TX Rate(Bps)	RX Packets	RX Rate(Bps)	
---	---	0	0	0	0	

Note		<p>If the WAN 1 IP address displayed begins with 172.16.x.x, it's possible that the ISP has not accepted the supplied Username and Password for the Internet connection.</p> <p>Check that the ISP Access Setup – Username and Password match the details supplied by your ISP.</p>

## Getting Further Help

- If the router does not appear to be operating correctly or you cannot get online to the Internet, please visit our website for further troubleshooting advice or to contact our support technicians. Always have your serial number to hand.
- For warranty service, in the first instance, please contact the support services, as listed above, for help in diagnosing or eliminating the problem or issue. The support department can arrange repair or service if then deemed necessary.
- You should keep your proof of purchase (original invoice) safely in case a warranty or another service is ever required.

**Additional Feature Setup**

This is a quick setup guide to get you online with your new router. Your Vigor 2763 router is capable of very much more and has a plethora of other features. These are covered in the main user manual.

**Keep up to date with our mailing list**


Now that you have your DrayTek product, you should keep up to date with product updates (firmware), security advisories and other product news, advice or special offers. In other countries or regions, please contact your local distributor/supplier for local options.

**Firmware Updates**

It is strongly recommended that you keep your router firmware up to date with the latest version in order to have all of the latest security and feature improvements. Always obtain firmware from official sources. There are two firmware file types:

- **.all** – upgrade retaining all previous settings
- **.rst** – upgrade and reset to factory default
- It is recommended to take a configuration backup prior to upgrading the firmware.

**Documents / Resources**

	<p><a href="#">DrayTek VDSL2 Security Router [pdf] User Guide</a> VDSL2 Security Router, VDSL2, Security Router, Router, Vigor 2763</p>
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**References**

- [\*\*D\*\* DrayTek Vigor - ADSL Routers Firewalls UTM VoIP IP PBX and Networking Products](#)
- [\*\*D\*\* DrayTek Vigor - ADSL Routers Firewalls UTM VoIP IP PBX and Networking Products](#)
- [\*\*D\*\* Mailing List](#)
- [\*\*D\*\* Home | DrayTek](#)
- [\*\*D\*\* Enabling the Ethernet WAN Port on DrayTek Vigor 2762 & 2765](#)

Manuals+.