



DrayTek Vigor2763 Series VDSL2 Security Router User Guide

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DrayTek

DrayTek Vigor2763 Series VDSL2 Security Router



Product Information

The Vigor2763 Series VDSL2 Security Router is a wireless router designed for secure internet access. The router comes with firmware version V4.4.2.1 and was last updated in July 2022. The 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 to the website at www.draytek.com.

Safety and Warranty Information

Safety Instructions: Read the installation guide thoroughly before you set up the router. 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. Do not place the router in a damp or humid place, e.g., a bathroom. Do not stack the routers. The router should be used in a sheltered area within a temperature range of 0 to +40 Celsius. 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. Do not deploy the cable for LAN connection outdoors to prevent electronic shock hazards. Keep the package out of reach of children. When you want to dispose of the router, please follow local regulations on conservation of the environment.

External Power Supply (Power Adapter)

Information: The external power supply used for each product will be model dependent.

Product Usage Instructions

To use the Vigor2763 Series VDSL2 Security Router:

1. Read the installation guide thoroughly before setting up the router.
2. Ensure that you have all of the necessary components, including an external power supply (power adapter).
3. Place the router in a sheltered area within a temperature range of 0 to +40 Celsius, away from direct sunlight or other heat sources.
4. Connect the router to your modem using an Ethernet cable.
5. Connect your computer or mobile device to the router's Wi-Fi network using the network name and password provided in the installation guide.
6. Follow the instructions in the installation guide to configure the router's settings, including security settings and any additional features you require.
7. For more updates and information, visit www.draytek.com.

Note: Product specification is subject to continuous evolution which may not always be reflected in current documentation. For the formal specification and details of the supported features of your product, please refer to the web site at www.draytek.com

Safety and Warranty Information

Safety Instructions

- Read the installation guide thoroughly before you set up the router.
- 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.
- Do not place the router in a damp or humid place, e.g. a bathroom.
- Do not stack the routers.
- The router should be used in a sheltered area, within a temperature range of 0 to +40 Celsius.
- 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.
- Do not deploy the cable for LAN connection outdoor to prevent electronic shock hazards.
- Keep the package out of reach of children.
- When you want to dispose of the router, please follow local regulations on conservation of the environment.

Warranty

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 hereof without obligation to notify any person of such revision or changes.

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, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No. 222 , Sec. 2, Nank an Rd., Lujhu T ownshi p, Taoy uan Co unty 33 8, Taiw an	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Taiw an	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Taiw an	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Taiw an	No.5, L ane 83, Lung-S ou St., Taoyua n City 3 30, Taiw an
C	Model identifi er	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. The external power supply used for each product will be model dependent.

Join the UK mailing list

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 www.draytek.co.uk/list

Firmware & Tools Updates

Due to the continuous evolution of DrayTek technology and emerging risks, router firmware updates may be

issued.

Please consult the DrayTek web site for more information on newest firmware, tools and documents:

www.draytek.co.uk (For UK/Ireland)

www.draytek.com (For other countries)

Declaration of Conformity


Hereby, DrayTek Corporation declares that the radio equipment type Vigor2763 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://fw.draytek.com.tw/Vigor2763/Document/CE/>

- Manufacturer: DrayTek Corp.
- Address: No. 26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan
- Product: Vigor2763 Wireless Series

Frequency Information for Europe area:

2.4G WLAN	2412MHz – 2472 MHz, max. TX power: 19.79dBm	*1
5G WLAN	5160MHz – 5340 MHz, max. TX power: 22.74dBm TX power: 29.88dBm	*2 5480MHz – 5720 MHz, max.
	Requirements in AT/BE/BG/CZ/DZ/DK/EE/FR/DE/IS/IE/IT/EL/ES/ CY/LV/LI/LT/LU/HU/ MT/NL/NO/PL/PT/RO/SI/SK/TR/FI/SE/CH/ HR. 5150MHz~5350MHz is for indoor use only.	

(*1: for 2.4G WLAN model; *2: for 5G WLAN model)

This product is designed for DSL and 2.4GHz / 5GHz WLAN network throughout the EC region.

Declaration of Conformity


Hereby, DrayTek Corporation declares that the radio equipment type Vigor2763 is in compliance with Regulation SI 2017 No. 1206.

The full text of the UKCA Declaration of Conformity is available at the following internet address:

<https://fw.draytek.com.tw/Vigor2763/Document/UKCA/>


- Manufacturer: DrayTek Corp.
- Address: No. 26, Fushing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan
- Product: Vigor2763 Wireless Series
- Importer: CMS Distribution Ltd: Bohola Road, Kiltimagh, Co Mayo, Ireland

Frequency Information for UK area:

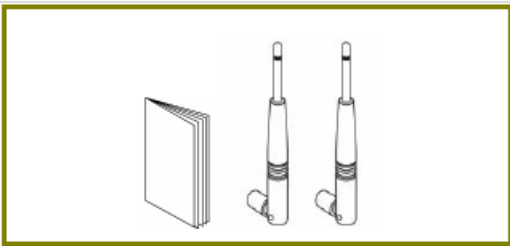
2.4G WLAN	2412MHz – 2472 MHz, max. TX power: 19.79dBm	*1
5G WLAN	5160MHz – 5340 MHz, max. TX power: 22.74dBm TX power: 29.88dBm	*2 5480MHz – 5720 MHz, max.
	Requirements in UK. 5150MHz~5350MHz is for indoor use only.	

(*1: for 2.4G WLAN model; *2: for 5G WLAN model)
This product is designed for DSL and 2.4GHz /5GHz WLAN network use in the UK & Ireland.


Package Contents



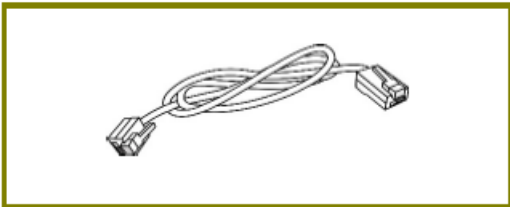
DrayTek Vigor router



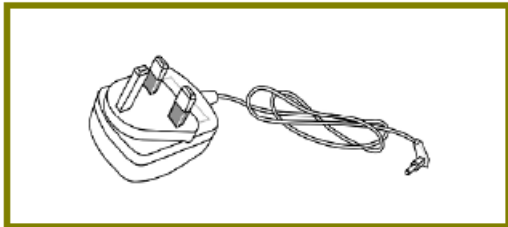
Quick Start Guide and Antenna
(This document)



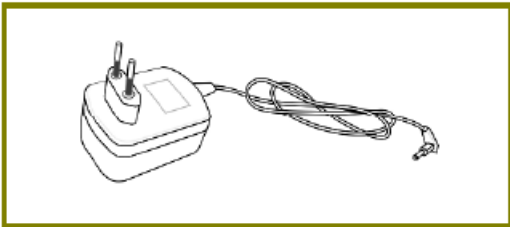
RJ-45 Cable (Ethernet)
(Connects to your PC or Switch)



RJ-11 to RJ-11 Cable
(Connects to your DSL line)



UK Power Adapter



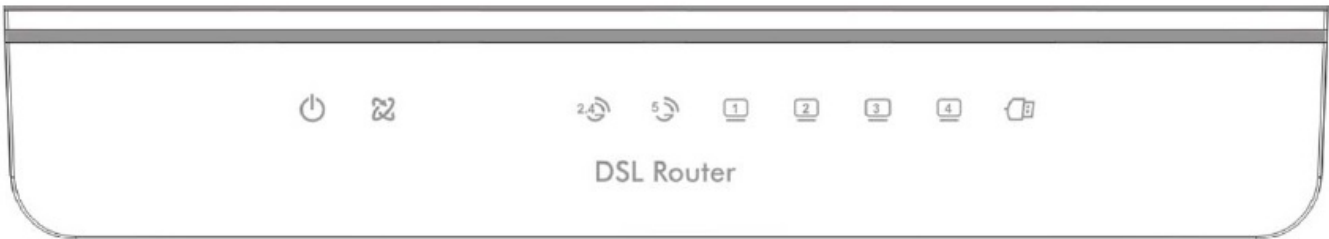
EU-type Power Adapter

The maximum power consumption is 17-23 Watts.







Important Note
Remove the protective film from the router before use to ensure ventilation.

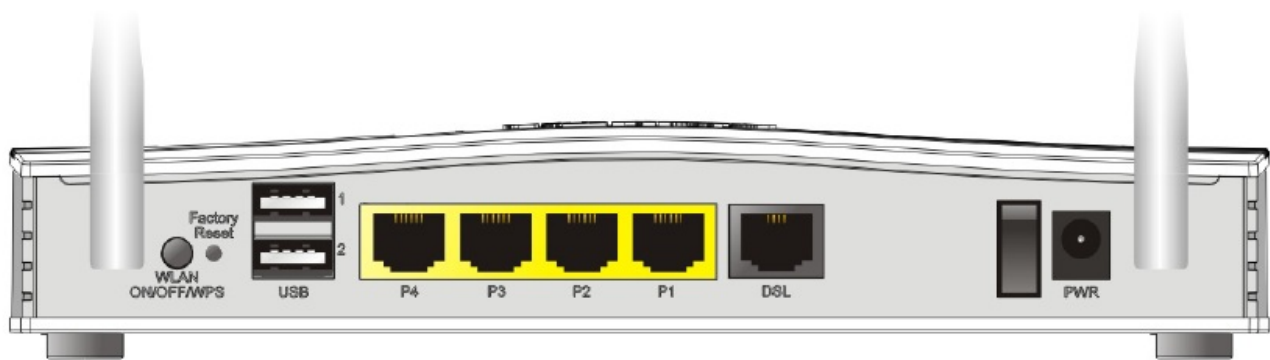
Panel Explanation

Vigor2763ac



LED	Status	Explanation
(Activity)	Blinking	The router is ready and operating normally

 (DSL) 	Off	The router is powered off
	On	DSL connection synchronized
	Blinking (Slowly)	DSL connection not currently synchronizing or not detected
(Wireless LAN On/Off/WPS) 	Blinking (Quickly)	DSL connection is synchronizing
	On (Green)	2.4GHz Access Point is active
	Blinking (Green)	Data is being transmitted on the router's 2.4 GHz wireless interface
	Blinking (Orange)	WPS pairing mode is active for two minutes
(Wireless LAN On/Off/WPS) 	Off	2.4GHz Access Point is turned off
	On (Green)	5GHz Access Point is active
	Blinking (Green)	Data is being transmitted on the router's 5GHz wireless interface
	Blinking (Orange)	WPS pairing mode is active for two minutes
~ (LAN1/2/3/4) 	On	Ethernet LAN (RJ45) is connected
	Blinking	Data is transmitting (sending/receiving)
	Off	Ethernet LAN is disconnected
(USB) 	On	USB device is connected and ready for use
	Blinking	Data is being transmitted over USB

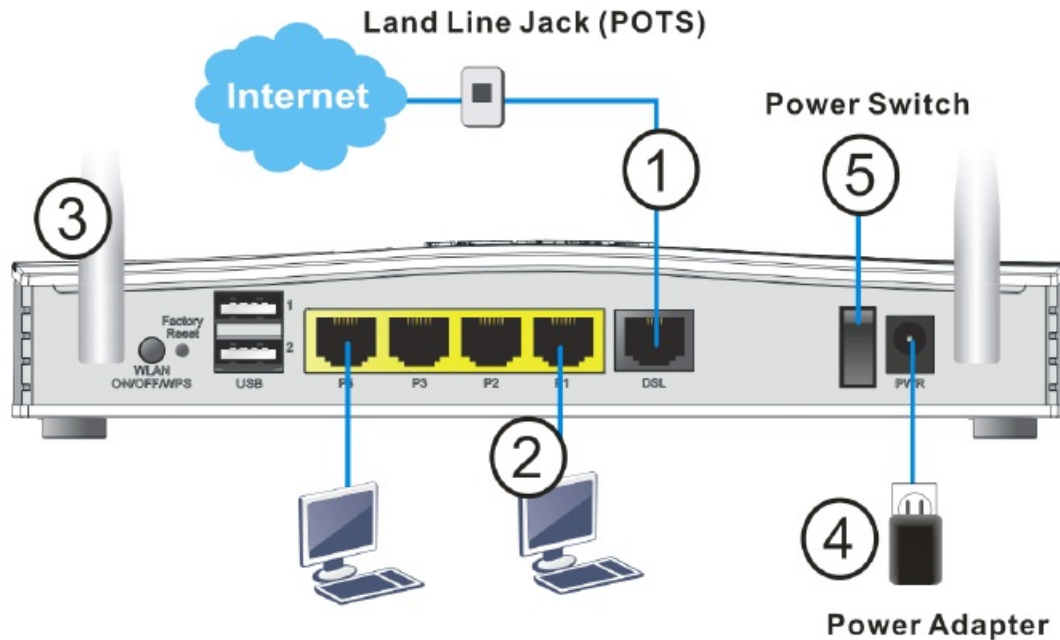


Interface	Description
WLAN ON/OFF/WPS	<p>Press for less than 2 seconds to switch toggle the router's wireless interfaces: For example,</p> <ul style="list-style-type: none"> • 2.4G (On) and 5G (On) – Default state. • 2.4G (Off) and 5G (On) – press and release the button once. • 2.4G (On) and 5G (Off) – press and release the button twice. • 2.4G (Off) and 5G (Off) – press and release the button three times. <p>When WPS is enabled in the router's web interface, press this button for more than 2 seconds to enable WPS pairing mode.</p>
Factory Reset	<p>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</p>
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.
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

This section will guide you to install the router through hardware connection and configure the router's settings through web browser.

Connecting up the Vigor Router.



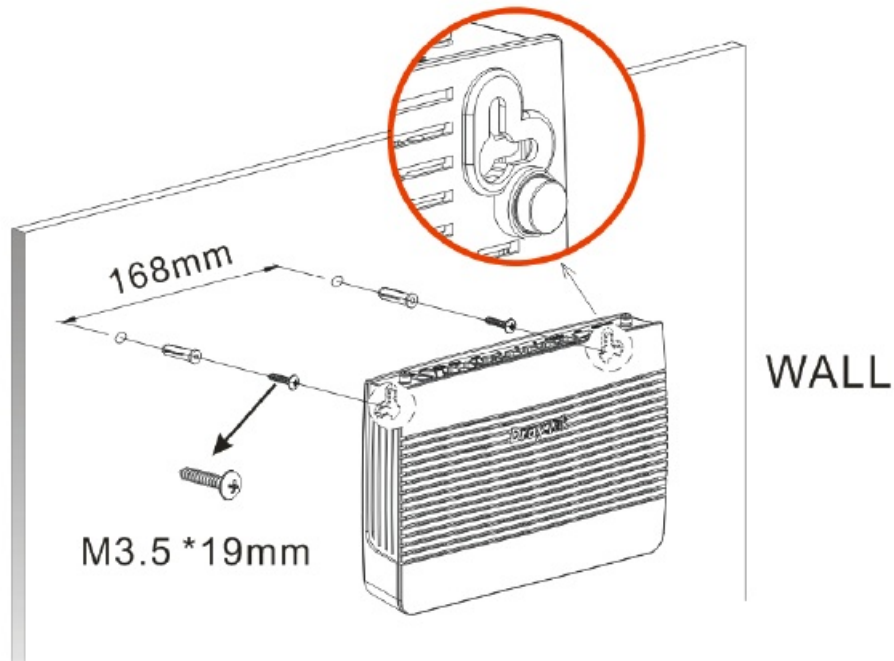
1. ADSL/VDSL Connections: Connect the DSL port to the Modem or DSL port of the external splitter/microfilter (not supplied) with the RJ-11 line cable. In some cases, your RJ-11 DSL socket will be built-into your phone line socket on the wall and you won't have a separate microfilter/splitter.
2. LAN Connections: Connect a LAN port of the router to your computer or switch.
3. Wireless Antennas: Connect the wireless antennas to the router
4. 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 Vigor2763ac on using its power switch.
5. 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 of LED status, please refer to section 2 Panel Explanation.

Wall-Mounting the Vigor Route

DrayTek Vigor2763 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 on the wall. The distance between the holes shall be 168mm.
2. Fit screws into the wall using the appropriate type of wall plug.
3. With the screws installed, the router can be slotted into place.



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.

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

To access the router, your PC will need to either get its IP address using DHCP or have an IP address in the 192.168.1.x range.

For details on how to change this, please refer to the "Trouble Shooting" section in the User Guide.

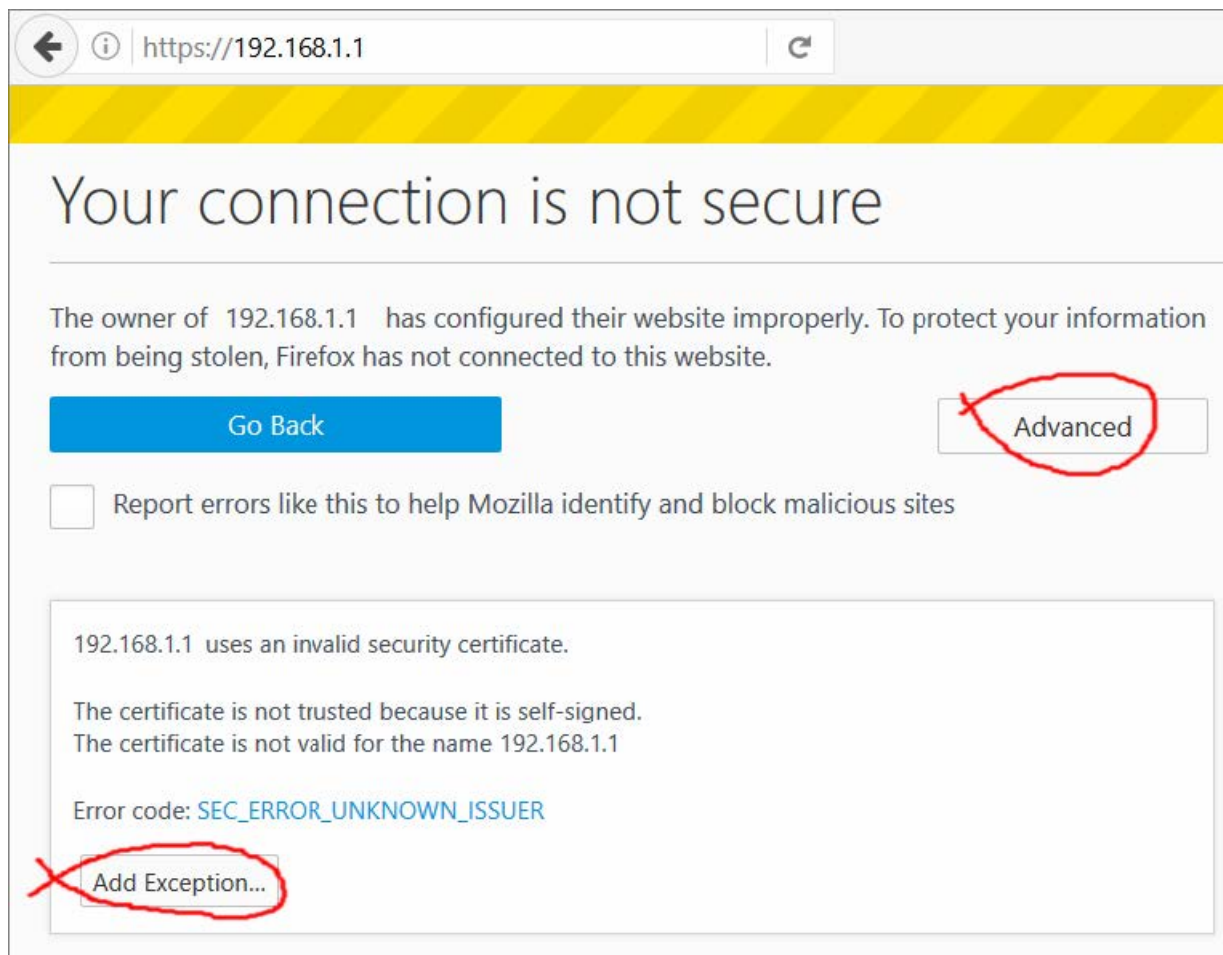
Accessing the Router Web Interface

Open a web browser on your PC and type <https://192.168.1.1>.

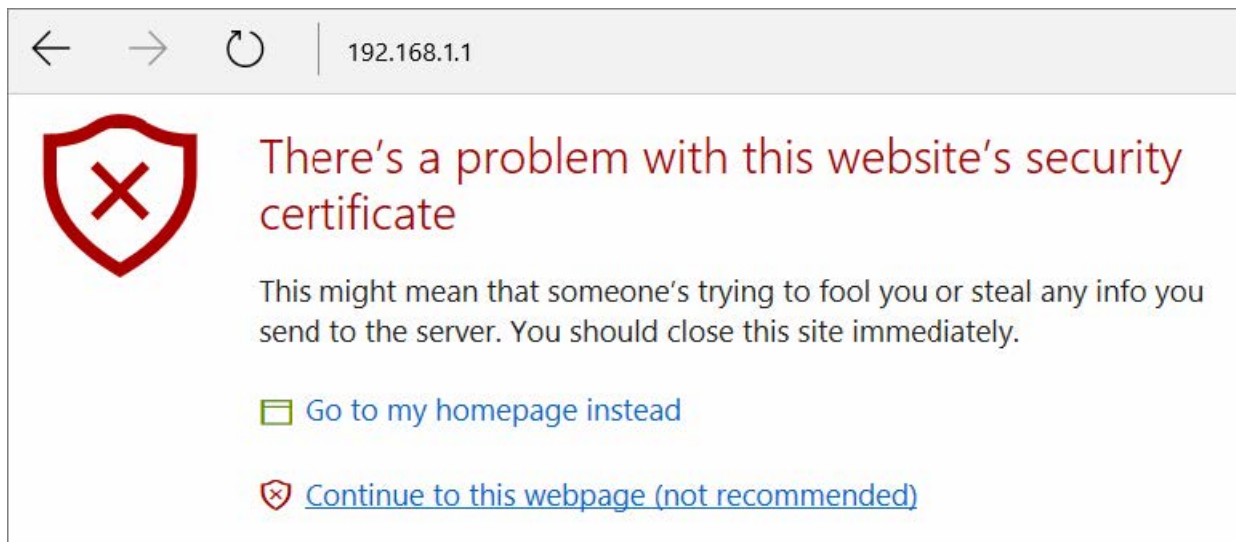
The <https://> prefix ensures that your connection is encrypted using SSL so that your session data cannot be intercepted. Without that prefix, your data passes in clear text.

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.

Note

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.

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.

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

DrayTek

Vigor2763 Series

Login

Username

admin

Password

•••••

Login

Security Warning: You are logging in without encryption which is not recommended. To login securely [click here](#).

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The factory default login details are:

- Username: admin
- Password: admin

Note

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.

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:

DrayTek

Vigor2763 Series

Dashboard

WAN

LAN

Hotspot Web Portal

Routing

NAT

Hardware Acceleration

Firewall

User Management

Objects Setting

C.S.M

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

All Rights Reserved.

Admin mode

Status: Ready

System Information

Model Name	Vigor2763ac	System Uptime	00:03:31
Router Name	DrayTek	Current Time	Sat Jan 01 2000 00:03:28
Firmware Version	4.4.2.1_ST0	Build Date/Time	May 20 2022 09:54:41
DSL Version	07-07-08-05-00-07	LAN MAC Address	14-49-BC-28-05-A8

IPv4 LAN Information

LAN	IP Address	DHCP	LAN	IP Address	DHCP
LAN1	192.168.1.1/24	v	LAN2	192.168.2.1/24	v
LAN3	192.168.3.1/24	v	LAN4	192.168.4.1/24	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	14-45-BC-28-05-A3	00:00:00
WAN2 Ethernet / Static IP	Disconnected	14-49-BC-28-05-AA	00:00:00
WAN3 USB / ---	Disconnected	14-45-BC-28-05-A8	00:00:00

Interface

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

Security

VPN	Connected : 0 Remote Dial in User / LAN to LAN
MyVigor	Activate : 0
DoS	Attack Detected
RootCA	

Quick Access

System Status	Dynamic DNS
TR 069	User Management
IM/PPPoE Block	Schedule
SynLog / Mail Alert	RADIUS
Firewall Object Setting	Data Flow Monitor

Certificate Status

Expired (0)

Expire within 30 days (0)

Unsecure (0)

OK (0)

Not Valid Yet (0)

View More

WAN1 – ADSL & VDSL Connection Setup

- 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 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 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 section

- PPPoA connection with ADSL / ADSL2+

PPPoE connection with FTTC VDSL2

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

WAN >> General Setup

Index	Enable	Physical Mode/Type	Active Mode
WAN1	<input checked="" type="checkbox"/>	VDSL2/-	Always On
WAN2	<input checked="" type="checkbox"/>	Ethernet/Auto negotiation	Failover
WAN3	<input checked="" type="checkbox"/>	USB/-	Failover

Note:

When WAN2 is enabled, LAN P4 port will be used as WAN2.

OK

Cancel

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

Note

The VLAN tag value of 101(UK only) is required to connect to ISPs that operate on the Openreach VDSL2 network, if your ISP operates on a different VDSL2 network, this tag value may differ.

Please check with your ISP.

WAN 1

Enable:	Yes ▾	
Display Name:	<input type="text"/>	
Physical Mode:	VDSL2	
DSL Mode:	Auto ▾	
DSL Modem Code:	AnnexA_77B507_775401 ▾	
Active Mode:	Failover ▾	
	<input checked="" type="radio"/> WAN Failure <input type="radio"/> Traffic Threshold	
Upload	User defined ▾	0K bps (Default unit: K)
Download	User defined ▾	0K bps (Default unit: K)
VLAN Tag insertion	Customer (TPID 0x8100)	Service (TPID 0x8100)
ADSL	Disable ▾ Tag value Priority 0 0 (0~4095) (0~7)	
VDSL2	Disable ▾ Tag value Priority 0 0 (0~4095) (0~7)	
		Enable ▾ Tag value Priority 101 0 (0~4095) (0~7)

Click OK on that page to apply the changes.

3. Go to [WAN] > [Internet Access]

WAN >> Internet Access

Internet Access				1	2
Index	Display Name	Physical Mode	Access Mode		
WAN1		ADSL / VDSL2	PPPoE / PPPoA ▾	Details Page	IPv6
WAN2		Ethernet	Static or Dynamic IP ▾	Details Page	IPv6
WAN3		USB	None ▾	Details Page	IPv6

[DHCP Client Option](#)

Set the WAN1 Access Mode to PPPoE / PPPoA, then click the Details Page button to proceed:

4. 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 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 1

PPPoE / PPPoA	MPoA / Static or Dynamic IP	IPv6
<input checked="" type="radio"/> Enable <input type="radio"/> Disable		
ADSL Modem Settings Multi-PVC channel: <input type="text" value="Channel 1"/> VPI: <input type="text" value="0"/> VCI: <input type="text" value="33"/> Encapsulating Type: <input type="text" value="LLC/SNAP"/> Protocol: <input type="text" value="PPPoE"/> Modulation: <input type="text" value="Multimode"/>		
PPPoE Pass-through <input type="checkbox"/> For Wired LAN ² <input type="checkbox"/> For Wireless LAN		
WAN Connection Detection Mode: <input type="text" value="PPP Detect"/>		
MTU <input type="text" value="1492"/> (Max:1500) Path MTU Discovery: <input type="text" value="Detect"/>		
ISP Access Setup Service Name ¹ : <input type="text" value="Max: 23 characters"/> Username: <input type="text" value="123456@HG01.btclick.com"/> Password: <input type="password" value="*****"/> <input type="checkbox"/> Separate Account for ADSL PPP Authentication: <input type="text" value="PAP/CHAP/MS-CHAP/MS-CHAPv2"/> IP Address From ISP: <input type="text" value="WAN IP Alias"/> Fixed IP: <input type="radio"/> Yes <input checked="" type="radio"/> No (Dynamic IP) Fixed IP Address: <input type="text"/> <input checked="" type="radio"/> Default MAC Address <input type="radio"/> Specify a MAC Address MAC Address: <input type="text" value="14"/> <input type="text" value="49"/> <input type="text" value="BC"/> <input type="text" value="28"/> <input type="text" value="05"/> <input type="text" value="A9"/> Index(1-15) in Schedule Setup: => <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>		

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:

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

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.

Check that the ISP Access Setup – Username and Password match the details supplied by your ISP.

DHCP / Static IP connection with FTTC VDSL2

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

WAN >> General Setup

Index	Enable	Physical Mode/Type	Active Mode
WAN1	<input checked="" type="checkbox"/>	VDSL2/-	Always On
WAN2	<input checked="" type="checkbox"/>	Ethernet/Auto negotiation	Failover
WAN3	<input checked="" type="checkbox"/>	USB/-	Failover

Note:

When WAN2 is enabled, LAN P4 port will be used as WAN2.

OK

Cancel

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

Note

The VLAN tag value of 101(UK only) is required to connect to ISPs that operate on the Openreach VDSL2 network, if your ISP operates on a different VDSL2 network, this tag value may differ. Please check with your ISP.

WAN >> General Setup

WAN 1

Enable: <input type="text" value="Yes"/>			
Display Name: <input type="text"/>			
Physical Mode: VDSL2			
DSL Mode: <input type="text" value="Auto"/>			
DSL Modem Code: <input type="text" value="AnnexA_77B507_775401"/>			
Active Mode: <input type="text" value="Failover"/>			
<input checked="" type="radio"/> WAN Failure <input type="radio"/> Traffic Threshold			
Upload	<input type="text" value="User defined"/>	<input type="text" value="0K"/>	bps (Default unit: K)
Download	<input type="text" value="User defined"/>	<input type="text" value="0K"/>	bps (Default unit: K)
VLAN Tag insertion		Customer (TPID 0x8100)	Service (TPID 0x8100)
ADSL		<input type="text" value="Disable"/> Tag value <input type="text" value="0"/> Priority <input type="text" value="0"/> (0~4095) (0~7)	
VDSL2		<input type="text" value="Disable"/> Tag value <input type="text" value="0"/> Priority <input type="text" value="0"/> (0~4095) (0~7)	<input type="text" value="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.

3. Go to [WAN] > [Internet Access]

Internet Access

Index	Display Name	Physical Mode	1 Access Mode	2
WAN1		ADSL / VDSL2	MPoA / Static or Dynamic IP	Details Page IPv6
WAN2		Ethernet	Static or Dynamic IP	Details Page IPv6
WAN3		USB	None	Details Page IPv6

DHCP Client Option

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

4. 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		
ADSL Modem Settings		
Multi-PVC channel	Channel 2	
Encapsulation	1483 Bridged IP LLC	
VPI	0	
VCI	88	
Modulation	Multimode	
WAN Connection Detection		
Mode	ARP Detect	
MTU		
Path MTU Discovery	1492 (Max:1500)	
WAN IP Network Settings		
<input checked="" type="radio"/> Obtain an IP address automatically		
Router Name	Vigor	
Domain Name	Max: 39 characters	
<input type="checkbox"/> DHCP Client Identifier *		
Username		
Password		
<input type="radio"/> Specify an IP address		
IP Address		
Subnet Mask		
Gateway IP 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.

5. 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:

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)	

PPPoA connection with ADSL / ADSL2+

- Go to [WAN] > [Internet Access]

Set the WAN1 Access Mode to PPPoE / PPPoA and click the Details Page button to proceed:

WAN >> Internet Access

Internet Access					
Index	Display Name	Physical Mode	1 Access Mode	2	
WAN1		ADSL / VDSL2	PPPoE / PPPoA	Details Page	IPv6
WAN2		Ethernet	Static or Dynamic IP	Details Page	IPv6
WAN3		USB	None	Details Page	IPv6

DHCP Client Option

- 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.

Select the Enable radio button at the top of the page to ensure that the PPPoA interface is enabled.

Enter the ISP credentials into the Username and Password fields.

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 1

PPPoE / PPPoA	MPoA / Static or Dynamic IP	IPv6
<input checked="" type="radio"/> Enable <input type="radio"/> Disable		
ADSL Modem Settings 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="LLC/SNAP"/>		
Protocol: <input type="text" value="PPPoE"/>		
Modulation: <input type="text" value="Multimode"/>		
PPPoE Pass-through <input type="checkbox"/> For Wired LAN ² <input type="checkbox"/> For Wireless LAN		
WAN Connection Detection		
ISP Access Setup Service Name ¹ : <input type="text" value="Max: 23 characters"/> Username: <input type="text" value="123456@HG01.btclick.com"/> Password: <input type="password" value="....."/> <input type="checkbox"/> Separate Account for ADSL PPP Authentication: <input type="text" value="PAP/CHAP/MS-CHAP/MS-CHAPv2"/> IP Address From ISP: <input type="text" value="WAN IP Alias"/> Fixed IP: <input type="radio"/> Yes <input checked="" type="radio"/> No (Dynamic IP) Fixed IP Address: <input type="text"/> <input checked="" type="radio"/> Default MAC Address <input type="radio"/> Specify a MAC Address MAC Address: <input type="text" value="14"/> <input type="text" value="48"/> <input type="text" value="BC"/> <input type="text" value="38"/> <input type="text" value="05"/> <input type="text" value="A8"/>		

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 ADSL information and PPP connection status, if the WAN1 section shows an IP address, it has connected to the internet successfully:

Note

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.

Check that the ISP Access Setup – Username and Password match the details supplied by your ISP.

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)	

Getting Further Help

If the router does not appear to be operating correctly or you cannot get online to the Internet, please visit our web site 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 warranty or other service is ever required.

Additional Feature Setup

This is a quick setup guide to get you online with your new router. Your Vigor2763 series 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.

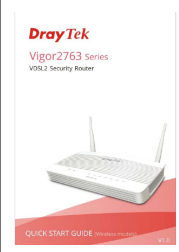
Always obtain firmware from official sources.

There are two firmware file types:

- all – upgrade4 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>DrayTek Vigor2763 Series VDSL2 Security Router [pdf] User Guide Vigor2763 Series VDSL2 Security Router, Vigor2763 Series, VDSL2 Security Router, Security Router, Router</p>
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References

- [D DrayTek Vigor - ADSL Routers Firewalls UTM VoIP IP PBX and Networking Products](#)
- [D Mailing List](#)
- [D Home | DrayTek](#)
- [Index of /Vigor2763/Document/CE](#)