

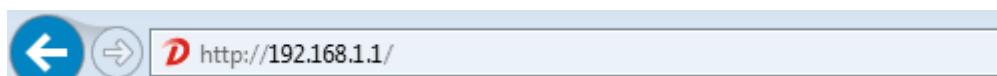
Vigor130 » ADSL/VDSL Quick Start Guide

Configure your computer's network

Connect your computer to the Vigor130 with an Ethernet cable (supplied). Ensure your computer is obtaining an IP address automatically.

Connect to the Web Interface

Open your Web Browser (e.g. Internet Explorer, Google Chrome or Mozilla Firefox), enter **http://192.168.1.1/** into the address bar, and press the Enter key on your keyboard.



You should be asked for a username and password. Enter **admin** into the Username field and **admin** into the Password field and click **Login**.

PPP Setup

On the left-hand navigation menu, click **Internet Access > PPPoE/PPPoA**.

Ensure the settings on this screen are:

For ADSL

VPI : 0
VCI : 100
Encapsulating Type : VC MUX
Protocol : PPPoA

For VDSL

Encapsulating Type : LLC/SNAP
Protocol : PPPoE

Uncheck "PPPoE Pass-through For Wired LAN"
Check "Always On"
Set "Fixed IP" to **No (Dynamic IP)**

Enter the **Username** and **Password** provided to you by your Internet Service Provider.
Note : Username is often in the form of an email address.
All other fields can be left as default.
All fields are case sensitive.

PPPoE / PPPoA Client Mode

PPPoE/PPPoA Client <input checked="" type="radio"/> Enable <input type="radio"/> Disable		ISP Access Setup ISP Name <input type="text"/> Username <input type="text"/> Password <input type="password"/> PPP Authentication PAP or CHAP ▾ <input checked="" type="checkbox"/> Always On Idle Timeout <input type="text" value="-1"/> second(s) IP Address From ISP WAN IP Alias Fixed IP <input type="radio"/> Yes <input checked="" type="radio"/> No (Dynamic IP) Fixed IP Address <input type="text"/>	
DSL Modem Settings (for ADSL mode only) Multi-PVC channel Channel 1 ▾ VPI <input type="text" value="0"/> VCI <input type="text" value="100"/> Encapsulating Type LLC/SNAP ▾ Protocol PPPoE ▾ Modulation Multimode ▾		<input type="checkbox"/> For Wired LAN <small>Note: If this box is checked while using the PPPoA protocol, the router will behave like a modem which only serves the PPPoE client on the LAN.</small>	
PPPoE Pass-through <input type="checkbox"/> For Wired LAN <small>Note: If this box is checked while using the PPPoA protocol, the router will behave like a modem which only serves the PPPoE client on the LAN.</small>		<input checked="" type="radio"/> Default MAC Address <input type="radio"/> Specify a MAC Address MAC Address: <input type="text" value="00"/> <input type="text" value="1D"/> <input type="text" value="AA"/> <input type="text" value="84"/> <input type="text" value="39"/> <input type="text" value="79"/>	
WAN Connection Detection Mode ARP Detect ▾ Ping IP <input type="text"/> TTL: <input type="text"/> MTU <input type="text" value="1492"/> (Max:1492)		Index(1-15) in Schedule Setup: => <input type="text"/> , <input type="text"/> , <input type="text"/> , <input type="text"/>	

Click **OK**. Then allow the router to reboot. This will take about a minute until you can log back in to the router again.

(Instructions continue overleaf)

VLAN Tag ID (VDSL only)

Most ISPs providing VDSL require the insertion of VLAN Tag ID 10. This can be enabled on the **Internet Access > General Setup** screen after the router has rebooted as seen in the image below.

Internet Access >> General Setup

WAN 1

Display Name:	<input type="text"/>	
Physical Mode:	VDSL2	
DSL Mode:	VDSL2 only ▾	
VLAN Tag insertion :	Enable ▾	
Tag value:	<input type="text" value="10"/>	(0~4095)
Priority:	<input type="text" value="0"/>	(0~7)

Note : In DSL auto mode, the router will reboot automatically while switching between VDSL2 and ADSL lines.

Reboot again then check the **Online Status > Physical Connection** screen to confirm that the circuit has come up.

Security

To protect the security of your router settings you should change the Administrator Password from the default to a more secure password of your choosing.

On the left-hand navigation menu, click **System Maintenance > Administrator Password**.

You will be prompted to change the Administrator Password. This is the password used to access the modem configuration in future, not the password for your internet connection. Type the old password (admin) in the first field and repeat the new password into both other fields and click **OK**.

Do not forget your new password as this will be needed to access the router again later.

System Maintenance >> Administrator Password Setup

Administrator Password

Old Password	<input type="text"/>	
New Password	<input type="text"/>	(Max. 23 characters allowed)
Confirm Password	<input type="text"/>	(Max. 23 characters allowed)

Note: Password can contain only a-z A-Z 0-9 , ; : . " < > * + = \ | ? @ # ^ ! ()

Advanced Users: PPPoA passthrough mode

Most Broadband routers (e.g. Vigor2130 or a PC running pfSense) are only able to authenticate using PPPoE, but New Zealand ADSL requires PPPoA authentication. Vigor ADSL modems can be configured for PPPoA/PPPoE pass-through to allow you to connect a broadband router such as the Vigor2130 or a Smoothwall box to an ADSL line.

To configure the DV130 to do this remove the username and password and check the box under **PPPoE Pass-through** on the **Internet Access > PPPoE / PPPoA** page of the Vigor web interface.

PPPoE Pass-through

☒ For Wired LAN

Then set up your Broadband router or firewall as a PPPoE device, providing it with your ISP's username and password. **Ensure you leave the Service Name field on your router/firewall blank.** Your Broadband router will be assigned your Public IP address and directly control your connection.

Need help?

We're available 9:00am to 5:00pm, Monday to Friday.

Phone: 09 415 4182 Email: tech@snappernet.co.nz

Firmware updates and a VDSL pass-through sample config are available free of charge from www.draytek.net.nz