



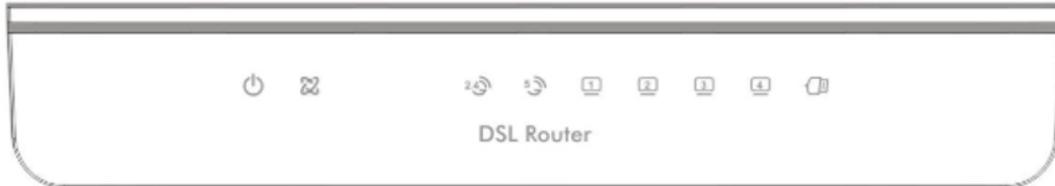
CSL ROUTER PRO - WIRED ONLY

CONNECTED • SECURE • LIVE

CSL Router Pro - Wired Only

Port and LED Guide

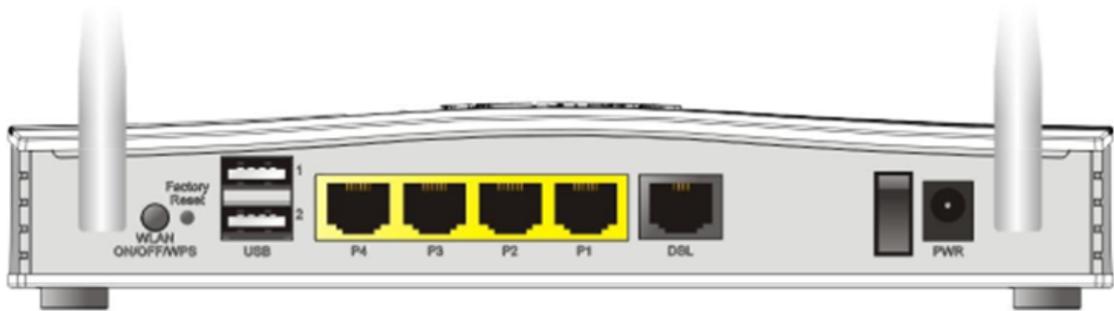
Figure 1 - CSL Draytek Router



	Activity	Blinking	The router is ready and operating normally
		Off	The router is powered off
	DSL	On	DSL connection synchronised
		Blinking (Slowly)	DSL connection not currently synchronizing or not detected
		Blinking (Quickly)	DSL connection is synchronising
	FTTP	On	FTTP connection is connected/synchronised
		Off	FTTP connection not currently detected
	Wireless LAN On/Off/WPS	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
		Off	2.4GHz Access Point is turned off
	Wireless LAN On/Off/WPS	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

Figure 2 - CSL Draytek Router



Interface	Description
WLAN ON / OFF / WPS	<p>Press for less than 2 seconds to switch toggle the router's wireless interfaces: For example, 2.4G (On) and 5G (On) - Default state.</p> <ul style="list-style-type: none"> • 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	<p>RJ-45 Gigabit Ethernet connectors for local network devices. LAN Port P4 will be an Ethernet WAN port.</p>
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.

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Technical Specifications

- VDSL2 (Superfast Fibre) or Gigabit Ethernet WAN Router with Failover
- Up to 950Mbps Firewall Throughput for Ethernet WAN
- 4 Gigabit LAN Ports
- 4 LAN Subnets with VLANs (Port-based / 802.1q)
- SPI Firewall and Content Filtering
- Up to 150Mbps IPsec VPN Throughput
- 2 LAN-to-LAN or Remote Teleworker VPN Tunnels
- DrayTek SSL VPN and OpenVPN support
- Can be centrally Managed by ACS
- 2 x concurrent VPN tunnels

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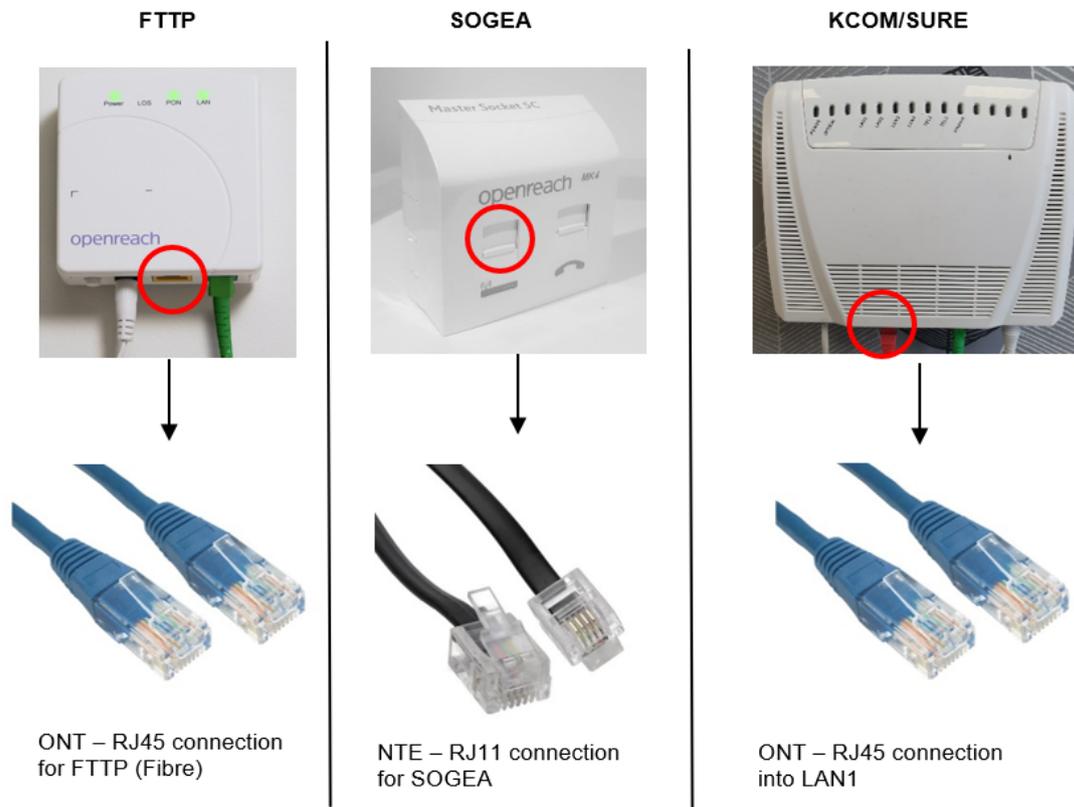
Fixed Line DSL/WAN2 Cabling

1. For fixed line installations, depending on the technology, please refer to one of the options below:

SOGEA, connect the broadband cable (RJ11) to the DSL port on the front of the router and plug the other end into the Openreach or other provider's network termination point (wall socket).

FTTP (fibre), connect the RJ45 cable to the P4 port on the back of the router and plug the other end into the Openreach or other provider's network termination point (wall socket).

KCOM/SURE, for sites in Hull and Isle of Man, connect the RJ45 cable to the P4 port on the back of the router and plug the other end into the KCOM/SURE socket (LAN1).



2. Connect one end of the power adapter to the router's power port (PWR) on the rear panel, and the other side into a wall socket.

3. Power on the router using the supplied PSU by pressing down the power switch on the rear panel.

4. The system starts to initiate. After completing the system test, the Activity LED will light up and start blinking indicating the connection is operating normally.

5. For fixed line installations, once the line sync is completed the DSL LED should go

solid indicating line synchronisation. For FTTP, P4 will light up indicating line connection/synchronisation.

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Fixed Line Status

1. If the DSL service provisioning has been confirmed the DSL LED will quickly blink indicating the connection is synchronising.
2. Once the line sync is complete the DSL LED should go solid indicating data transfer.
3. If the FTTP service provisioning has been confirmed P4 will light up indicating line connection/synchronisation.

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Confirm Successful Installation

1. A correctly installed and commissioned router will show the following LED behaviour:

ACT LED = Blinking

DSL LED = Solid

P4 = Solid (If FTTP)

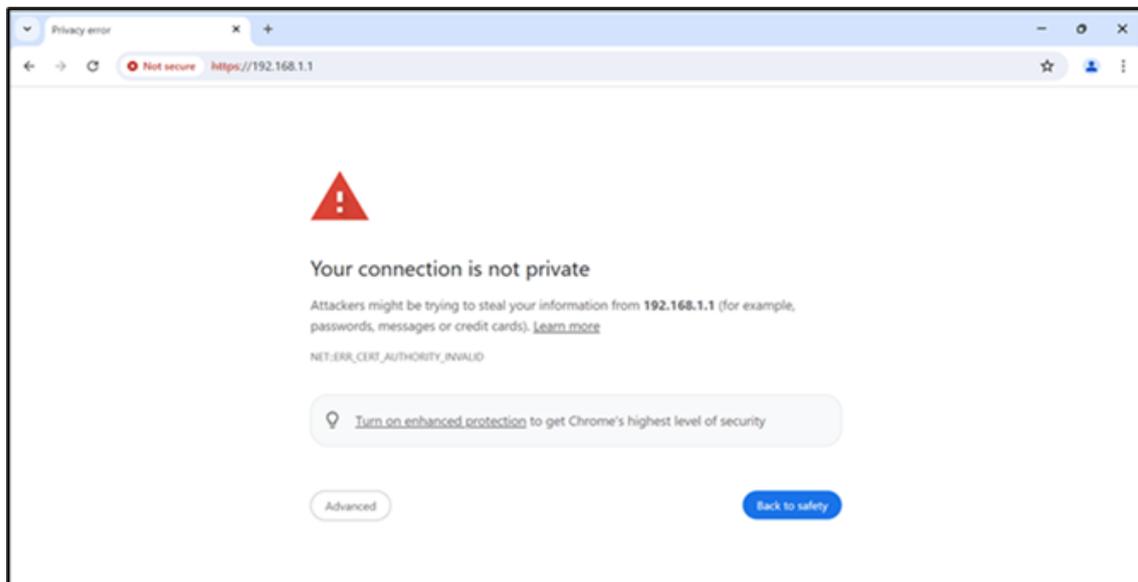
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Accessing The Router Interface (Customer Managed only)

1. Connect a DHCP enabled laptop or mobile device with an RJ45 adapter with a RJ45 cable to ports 1-3.

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 (i.e, 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 Chrome:



2. The router login prompt will then request a username and password to allow access. Here we take Vigor2763ac as an example.



The login details are:

Username: admin

Password: admin

3. 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:

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
WLANS	Connected : 0
USB	Connected : 0, USB 1, USB 2

For further information please

visit: <https://www.draytek.co.uk/support/downloads/vigor-2763?task=download.send&id=2650:qsg-v2763ac-v10&catid=1118>

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Troubleshooting

CANNOT LOCATE THE FIXED LINE SOCKET

1. Contact the site primary contact who should have been onsite during the socket installation.

THE SOGEA SOCKET WILL NOT ACCEPT AN RJ11

1. An older PSTN telephone socket may have been installed by Openreach.
2. Either install a DSL filter to accept an RJ11 or call CSL Tech Support to raise a fault with Openreach to replace the socket.

THE DSL LED IS BLINKING SLOWLY SHOWING OFFLINE

1. Ensure using the correct cable for the fixed line technology (RJ11).
2. SOGEA uses the supplied RJ11 black cable.

THE DSL LED IS OFF OR BLINKING SLOWLY BUT CABLE IS CONNECTED

1. Ensure using the correct cable for the fixed line technology.
2. Ensure using the correct socket that has recently been installed.
3. Try another cable.
4. Power cycle the router.
5. If KCOM/SURE socket, call CSL Tech Support.

THE P4 LED IS SHOWING OFFLINE

1. Ensure using the correct socket that has recently been installed.
2. Ensure using the correct cable for the fixed line technology (RJ45).
3. Try a different cable, if applicable.

FIXED LINE SOCKET HAS BEEN PHYSICALLY DAMAGED

1. Openreach will be required to fix the socket.
2. Report to CSL Tech Support to raise a fault with Openreach.

FIXED LINE SOCKET IS NOT LOCATED IN THE CORRECTION POSITION

1. Openreach will be required to complete a socket relocation.
2. Report to CSL Tech Support to raise a socket relocation with Openreach.

THE SITE IS OFF-LINE AND THE ROUTER CAN NOT BE CONTACTED

1. Check the router is powered on. Ensure the power adaptor is connected to the

routers PWR socket, the router PWR switch is set to ON, the power adapter is connected to the mains power socket and switched on.

2. Check the ACTIVITY LED is blinking. The ACTIVITY LED blinking indicates the router is ready and operating normally. If the ACTIVITY LED is off, recheck the router is receiving power as per step 1.
3. Check the DSL connectivity is established.

If the DSL LED is off, please check connectors are well seated. If connections are OK, swap the filter, cables, or adaptors between the line socket and router. (If applicable).

DSL	On	DSL connection synchronised
	Blinking	Slowly: DSL connection not currently synchronising or not detected. Quickly: DSL connection is synchronising
FTTP (P4)	On	FTTP connection is connected/synchronised
	Off	FTTP connection not currently detected

4. If no resolution, contact CSL Tech Support.

SUPPORT

If you require technical support

1. For frequently asked questions, installation videos, quick guides & knowledge articles please visit the CSL Installer Zone www.csl-group.com/installer-zone
2. For immediate technical support please contact CSL Support on 01895 474 474.

Please ensure you have the following information when contacting the CSL Support team:

- Brief description of the issue and what impact it has on your service.
- Router serial (provided at the point of order).
- Site location/access/contact details of where the incident is occurring.
- Details of checks that have already been made (see Troubleshooting section).