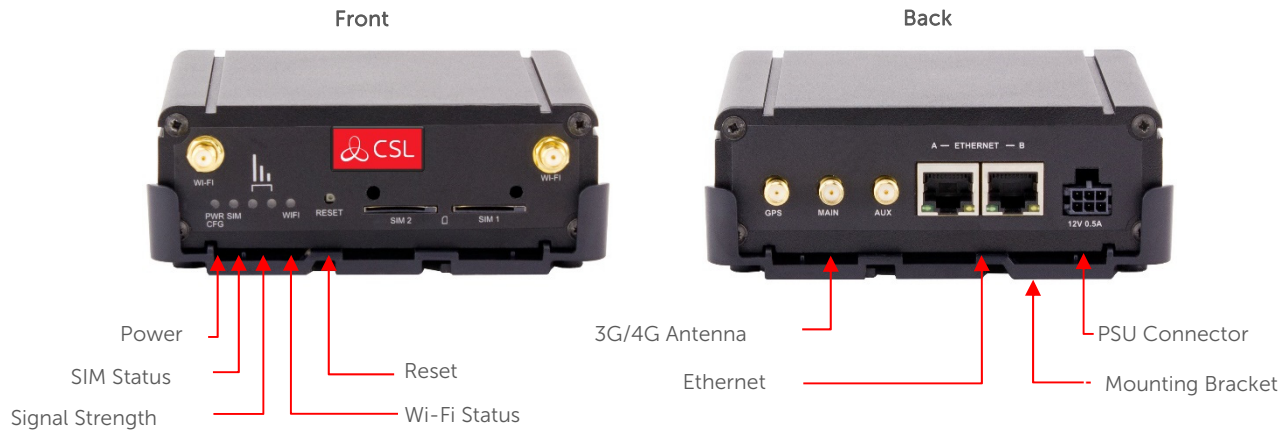


# CSL Router Quick Guide



## Introduction

The CSL Router is a compact 4G Router which includes Wi-Fi and two 10/100 Ethernet ports. It is designed in a rugged aluminium case with a click-in bracket included for wall mounting.



## Installation

The CSL Router is preconfigured with the SIM already fitted in SIM1. Follow the simple steps below to ensure a quick and reliable installation:

1. Device location – find a suitable location with good 4G coverage and away from sources of interference i.e. monitors, fridges, power supplies, etc.
2. Aerial and power connections – fit the included Aerial to the rear connection port marked MAIN and power up the Router using the supplied PSU. Once powered the front Green LEDs will indicate the device status according to the table below.
3. Sufficient signal strength – for best results ensure that both Green Signal Strength LEDs are ON to indicate the Router has established good signal strength. OFF/ON LED status indicates a medium signal strength which is also acceptable.
4. Connect devices – IP devices can now be connected using the supplied Ethernet cable or wirelessly.

Please note:

- The CSL Router has an optional Wi-Fi capability which will require the CSL Router Wi-Fi Aerial (antenna) pack. Please contact CSL Support if you wish to order the pack and utilise this feature.
- The CSL Router is shipped with a single 4G antenna. The device also has an AUX connector for connection of a second 4G antenna (not supplied) to allow for antenna diversity. Antenna diversity can sometimes improve the quality and reliability of a wireless link. Please contact CSL Support for more information.
- External wall mounted High Gain Aerials are available as an optional accessory. Please contact CSL for more information.

## LED STATUS CONDITIONS:

	LED Behaviour	Status
Power / CFG	Green – double flash	Router is booting after power up
	Green – flashing quickly	Router is in factory config mode
	Green – Permanently on	Router has completed boot process and is ready
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SIM Status	Off	Router is not connected to a Mobile Data Network
	Green – flashing	Router is attempting to connect to a Mobile Data Network
	Green – on	Router has successfully connected to a Mobile Data Network
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Signal Strength	Green – off/off	No cellular radio signal detected
	Green – on/off	Low cellular radio signal detected
	Green – off/on	Medium cellular radio signal detected
	Green – on/on	Good cellular radio signal detected
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Wi-Fi Status	Off	Optional Wi-Fi capability not enabled
	Green – on	Wi-Fi capability enabled
	Green – on/flashing	Data activity is occurring via Wi-Fi

## Troubleshooting

Q: Why do my signal LEDs not light or show low signal strength?

A: Ensure that the supplied antenna is attached to the MAIN connector. Reposition the Router away from interference or in a better position for mobile signal coverage using the Green LEDs as guidance. Alternatively try using an external High Gain Aerial.

Q: Why does my PWR Config LED flash quickly?

A: The Router is in factory configuration mode. Check you have a medium to good signal strength and wait for 4-5 minutes. If the Config LED continues to flash contact CSL Technical Support.

Q: I have connected my IP device to the Ethernet port but do not see any activity and cannot connect to the device.

A: Check the IP device is connected properly and configured. Power down the device and re-power whilst connected to the Router.

Q: What is the reset button for?

A: Pressing reset for 1-2 seconds will perform a soft reboot of the device which can be used to force the unit to reconnect to the mobile network. Do not press the button for longer than three seconds unless advised by CSL Technical Support services.

For further assistance please contact CSL Technical Support via telephone or email:

UK Tel: +44 (0) 1895 474469  
Ireland Tel: 1800 855695  
Netherlands Tel: 010-7145413

Email: [m2msupport@csldual.com](mailto:m2msupport@csldual.com)

Our opening hours are 08:30 to 18:00 week days and 10:00 to 16:00 Saturday (all times GMT). Please ensure you have the Router's Serial Number, IP address and ICCID available when contacting the Technical Support Team. For all the latest copies of CSL's quick guides and Installation Manuals visit the website: [www.csldual.com/installer-zone](http://www.csldual.com/installer-zone)