

# CR202 quick set-up guide

## Introduction

Getting the CR202 set-up and working is normally a very easy process. You simply need to insert the SIM card, connect the antennas, and power on the router using a USB cable. Ordinarily, the router will automatically detect what SIM card you're using and configure itself with the correct SIM settings accordingly.

When this is the case, you should simply be able to connect to the router's WiFi signal (or connect via a LAN cable) and get working internet.

## SIM card not recognised

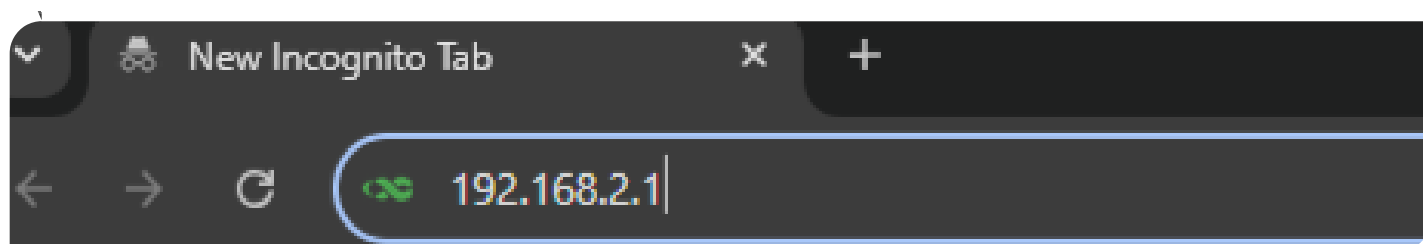
Sometimes however, your SIM card may not be recognised by the router.

If this does happen, you will need to login to the router's settings page and tell it what SIM provider you're using. This guide will go over that process.

## Logging in to your Routers Web interface

- 1) You need a device with a web browser to access the router's settings page (a smartphone, tablet, or laptop).
- 2) You must connect this device to the router's WiFi network before doing anything, even though this means you will temporarily be without internet.
- 3) Once you've connected to the CR202 WiFi, go into your web browser (Safari, Google Chrome, etc.) and type the router's IP address into the **web address bar** (this will often be across the very top of the page, but on some smartphone devices this may be across the very bottom of the page).
- 4) The IP address is **192.168.2.1**

Please note that you have to use the web address bar for this. A regular 'Google search' won't work because it will try and produce search results instead, which your device cannot do without an internet connection.

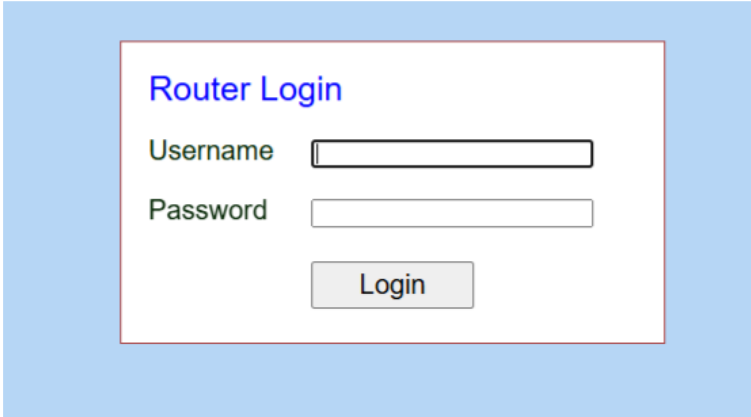


## User name & Password for Web interface

If done correctly, you will be brought straight into a router login screen (like in the picture below).

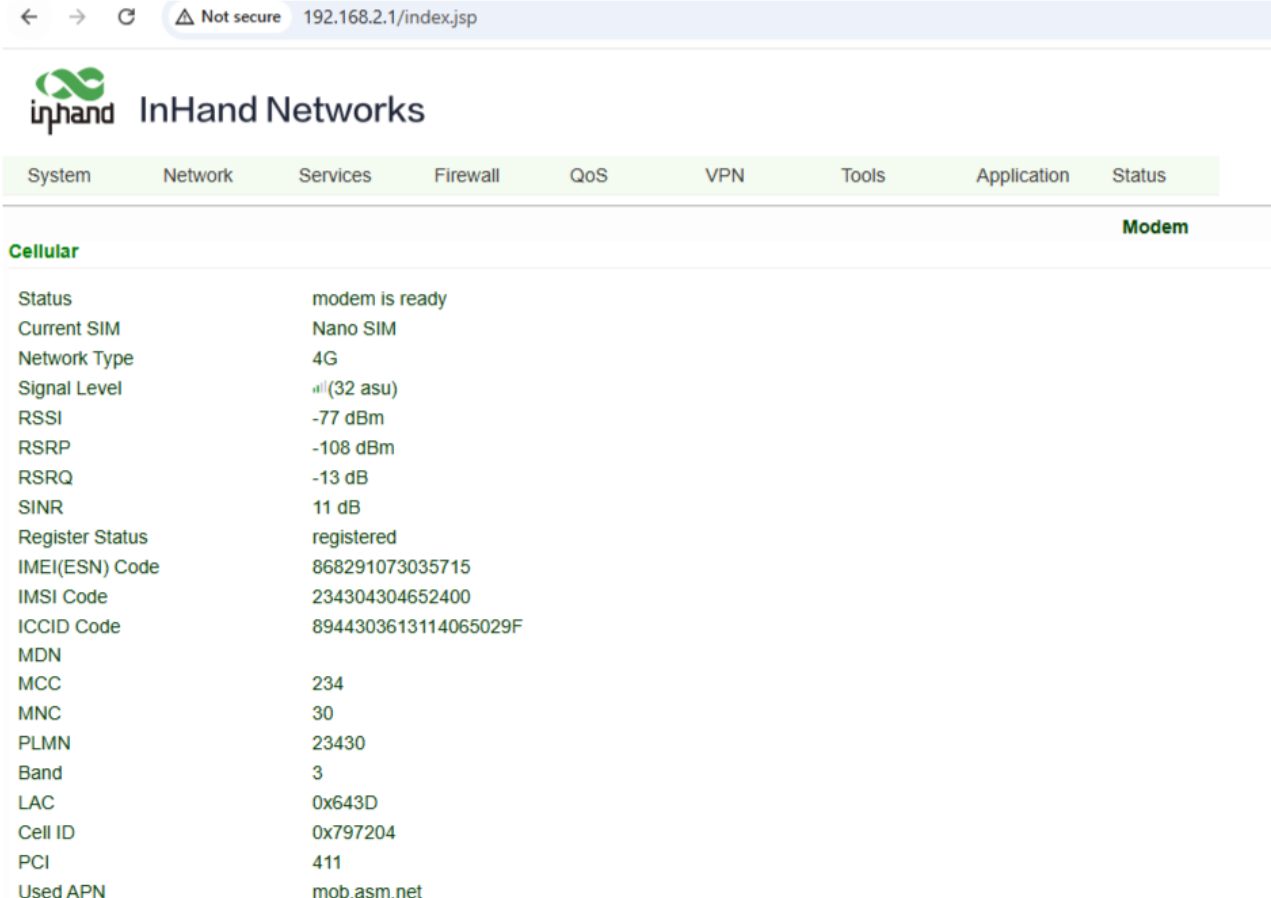
The **username** is: **adm**

and the **password** will be printed on the base of your CR202 router.



The image shows a 'Router Login' web interface. It has a title 'Router Login' in blue. Below the title are two input fields: 'Username' and 'Password'. Below the 'Password' field is a 'Login' button. The entire form is enclosed in a light blue border.

Once logged in, navigate to the **Status tab** on the top right, and then click the sub-category of **Modem**. On this page you can see the **Register Status** and verify whether the router is receiving a working 4G network connection or not. In the example image below, the **registered** status means it is working successfully.



The image shows a web browser window displaying the InHand Networks status page. The browser address bar shows '192.168.2.1/index.jsp' and 'Not secure'. The page header includes the InHand Networks logo and a navigation menu with tabs: System, Network, Services, Firewall, QoS, VPN, Tools, Application, and Status. The 'Status' tab is selected, and the 'Modem' sub-category is highlighted. The main content area shows the 'Cellular' status, which includes a list of modem parameters and their values.

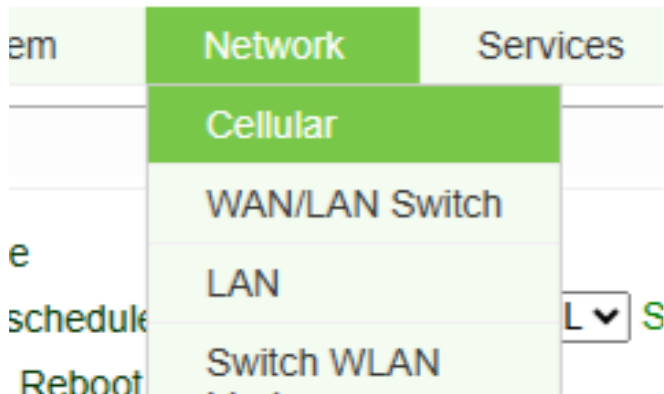
Cellular	
Status	modem is ready
Current SIM	Nano SIM
Network Type	4G
Signal Level	(32 asu)
RSSI	-77 dBm
RSRP	-108 dBm
RSRQ	-13 dB
SINR	11 dB
Register Status	registered
IMEI(ESN) Code	868291073035715
IMSI Code	234304304652400
ICCID Code	8944303613114065029F
MDN	
MCC	234
MNC	30
PLMN	23430
Band	3
LAC	0x643D
Cell ID	0x797204
PCI	411
Used APN	mob.asm.net

## SIM Card APN Settings

If the status is unregistered then you will need to change the modem settings.

You can do this by navigating to the **Network** tab across the top and clicking the **Cellular** subcategory.

and InHand Network



On this Cellular page you should look to the Profiles section at the bottom.

These are the **SIM profiles** which control whether the SIM card is able to access the wider mobile network or not.

If your SIM is not working in the router then you will need to enter in the **APN details** for your SIM card, plus a Username and Password if those are required (some SIM cards need a username/password and some don't).

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System Network Services Firewall QoS VPN Tools Application Status

Cellular

Enable ☒

Time schedule  Schedule Management

Force Reboot ☒

Shared Connection(NAT) ☒

Default Route ☒

Nano SIM Network Provider  Manage

Network Select Type

Connection Mode

Redial Interval  Seconds

Show Advanced Options ☐

Profiles

Index	APN	Access Number	Authentication Type	Username	Password
1	mob.asm.net	*99#	Auto		
	<input type="text"/>	<input type="text" value="*99#"/>	<input type="text" value="Auto"/>	<input type="text"/>	<input type="text"/>

Add

Apply Cancel

To correctly enter in your SIM card APN details, you first need to find out what they actually are.

If you're not sure of yours, you can either ask your SIM operator directly, or take a look online, the APNs are universal, meaning they're not unique to your own SIM card, so the APN details should be easy enough to find by doing a quick google search.

## Applying SIM Card APN Settings

Once you have found your SIM card's APN details, click the APN box along the existing 1 profile, rather than adding a new second profile, as shown in the example below.

You can also see in the example below that I am entering in the details for an EE SIM card, the APN is *everywhere*, the Access Number is *\*99#* (this applies for all of the UK) and the username/password are left blank because EE doesn't require them.

Index	APN	Access Number	Authentication Type	Username	Password
1	<input type="text" value="everywhere"/>	<input type="text" value="*99#"/>	<input type="text" value="Auto"/>	<input type="text"/>	<input type="text"/>
		<input type="text" value="*99#"/>	<input type="text" value="Auto"/>		

Once you've entered in all the required details, **click OK to confirm**, and then **Apply** in the bottom left to save the changes.

Finally, you can navigate back to the **Status > Modem** page and check that the Status is now registered (this may take a few minutes to show).