

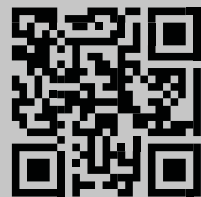
4G router, description and configuration





Documentation for your unit

1. Scan the QR code or use orderdocs.ivprodukt.com in your browser.
2. Enter your order number.
3. Press ENTER or click search.
4. Choose your order or unit.



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[IV Produkt, Documentation](#)



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This instruction refers to routers delivered from 2023.

[For routers delivered after September 2022 - click here.](#)

[For routers delivered before September 2022 - click here.](#)

The 4G router is an accessory, article code STI-10, which allows communication with IV Produkt's air handling units in case the property does not have a network communication to the unit. The 4G router can be used for all units equipped with Climatix control since year 2009.

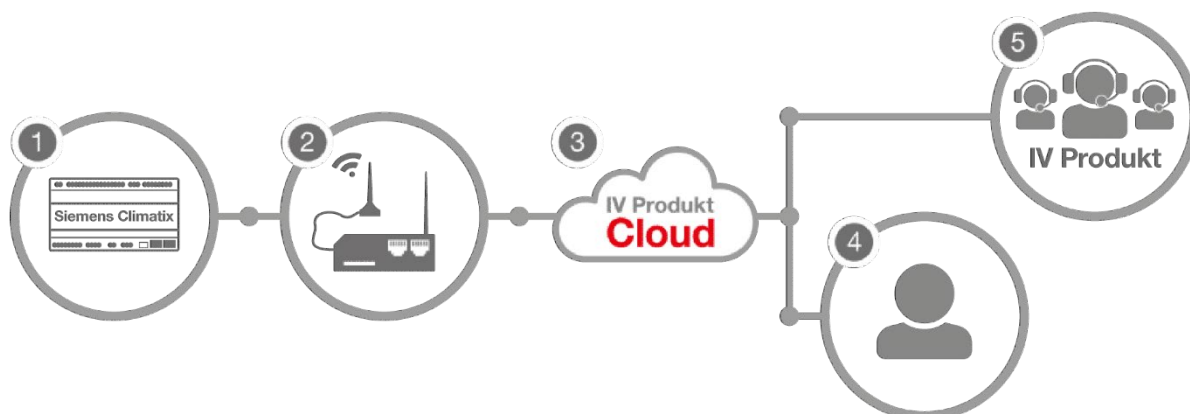
The 4G router comes with a SIM card that can be activated if necessary by IV Produkt control support department. When switching to own SIM card see instruction "[Change of SIM card](#)".

The 4G router is intended for use together with IV Produkt Cloud.



1. Communication with IV Produkt Cloud

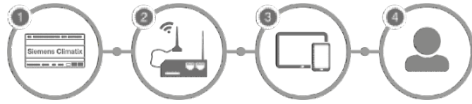
Description refers to the use of the 4G router for communication between units and IV Produkt Cloud. Connection to IV Produkt Cloud requires a SIM card. When switching to own SIM card - see instruction "[Change of SIM card](#)".



The 4G router (2) connects to Climatix (1) in the unit. Users (4) or IV Product Support (5) are then able to reach the unit using IV Produkt Cloud (3).

2. Communication with app **AHU Controls**

Description refers to the use of the 4G router for communication between units and app IV Produkt AHU Controls.



The 4G router(2) connects to Climatic (1) in the unit. User (4) can then reach the unit with a tablet/phone (3).

1. Make sure that the 4G router is plugged into the unit. The 4G router is normally installed and configured from the factory. If not, see the instructions [“Retrofitting of 4G router”](#).
2. Connect your Smartphone or tablet (under Settings -> Wi-Fi) to the 4G router's SSID (RUT240_xxxxxxx). The SSID and the password are specified on a label.



 ivprodukt.com

SSID: RUT240_8298

Password: t3LHi04G

Default IP: [192.168.1.42](#)

Example of a label with SSID and password

3. Open the app AHU Controls, and enter the IP address shown on the label, 192.168.1.42. When retrofitting see [“Reservation of IP address”](#).

3. Changing the SIM card

To replace the existing SIM card provided with the router, press the button next to the cover of the SIM card slot and remove, replace with your replacement SIM card.



4. Connecting to the 4G router

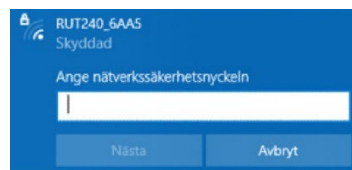
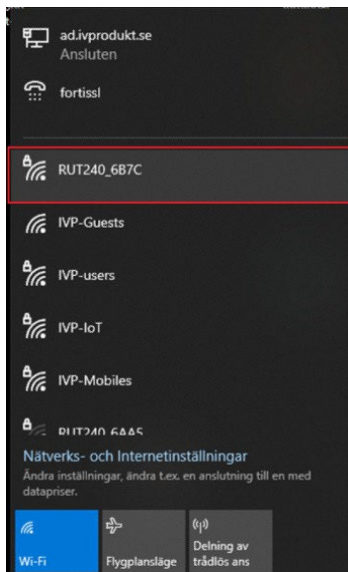
When the router and the correct SIM card is installed, go through the following settings:

1. Log on to the router's wireless network connection, the SSID.
The SSID and the password are printed on the label.
It is also possible to scan the QR code with your smartphone.

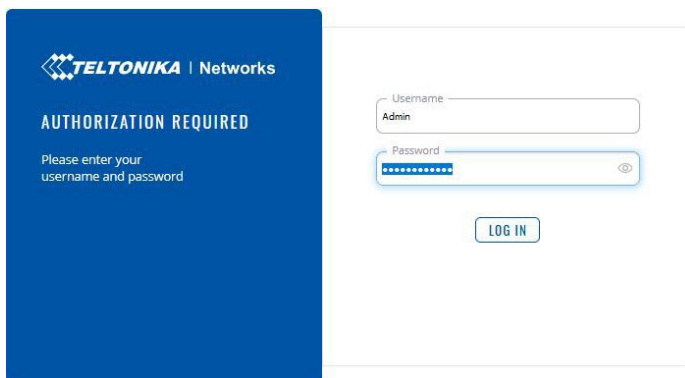


i ivprodukt.com
SSID: RUT240_8298
Password: t3LHi04G
Default IP: 192.168.1.42

Example of label with SSID and password



2. Enter the IP address 192.168.1.1 in your browser.

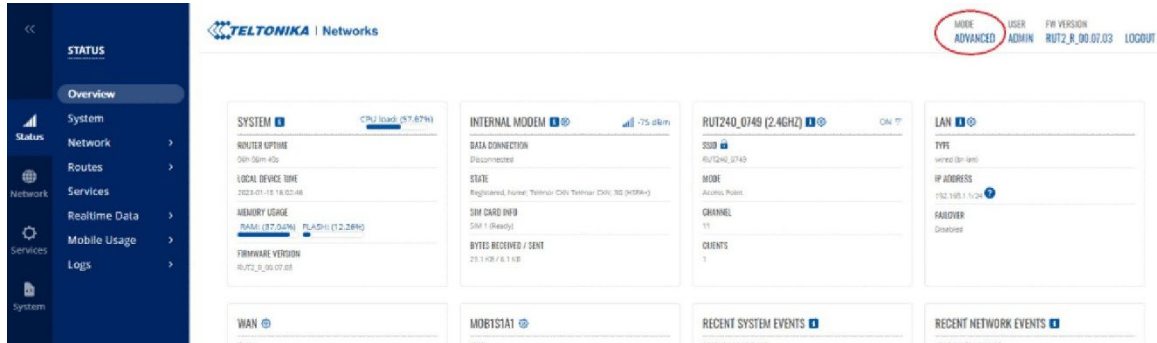


3. Log on using Username: admin
Password: the unique password of the unit (Printed on the casing backside.)

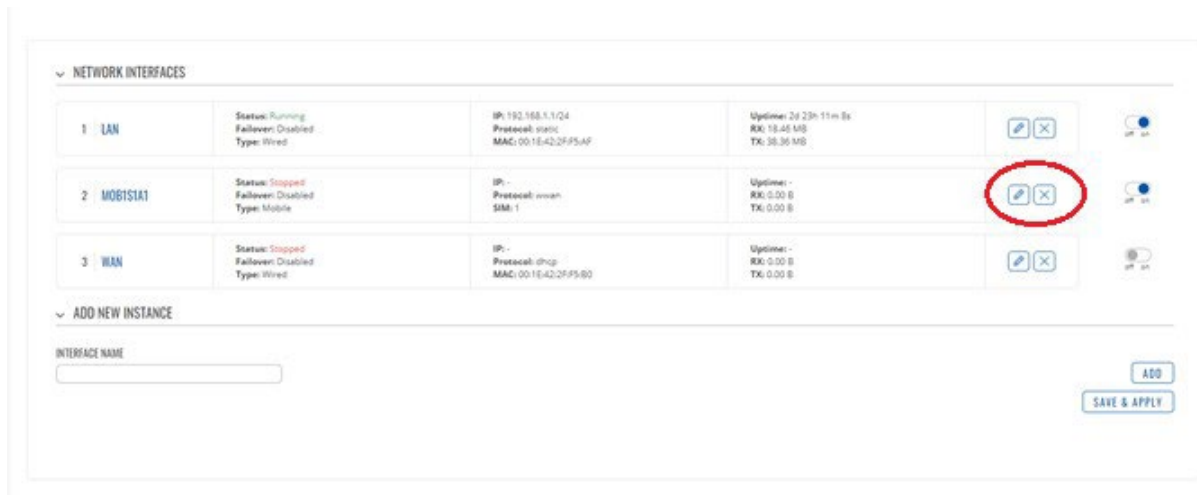


5. Settings of SIM card

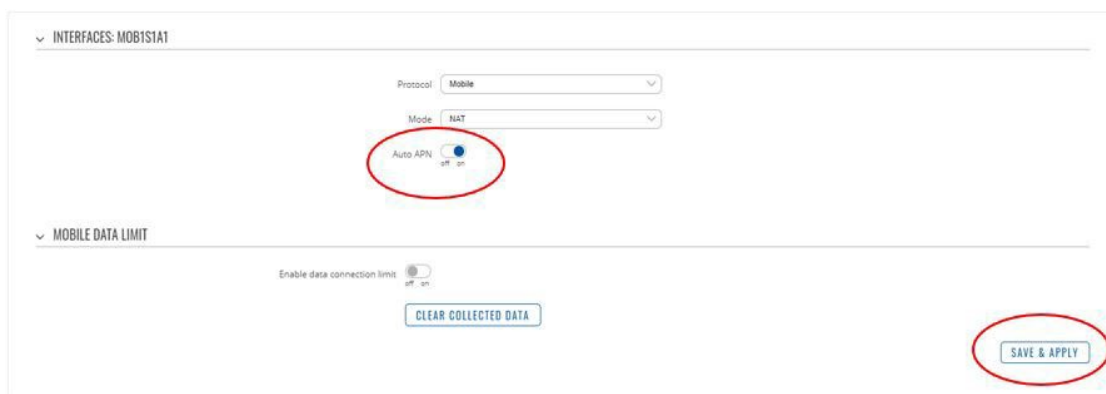
1. Click “MODE: BASIC” in the right upper corner, changing it to “ADVANCED” mode.



2. Select Network and then “interfaces”. On the row for MOB1S1A1 – click the pencil icon (right).



3. If you replace the SIM card, the APN for the new SIM card must be entered as “Custom APN” (APN= Access Point Name). Refer to the SIM card operator for your specific APN. Set Auto APN to OFF, select “Custom APN” and enter the APN.





Examples of APN's for a few operators:

Operator	APN
Tele2 4g	4g.tele2.se
Telenor	internet.cxn
Telia 4g	online.telia.se

SIM cards supplied by IV Produkt have the APN: internet.cxn

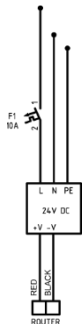
- 4. Select "Save & Apply" at the bottom of the page.

6. Refitting a 4G router

1. Turn off the unit by setting the Service Switch in the hand-held terminal to Off.
Turn safety switch to 0/Off and lock it in this position.
2. Open the controls cabinet.
3. Replace SIM card if applicable, see topic [“Changing the SIM card”](#)



4. Fit the antenna at B as pictured above and the Wi-Fi antenna at A.
5. Connect the power supply to the router.



6. Connect the network cable from the router (LAN) to the Climatix.

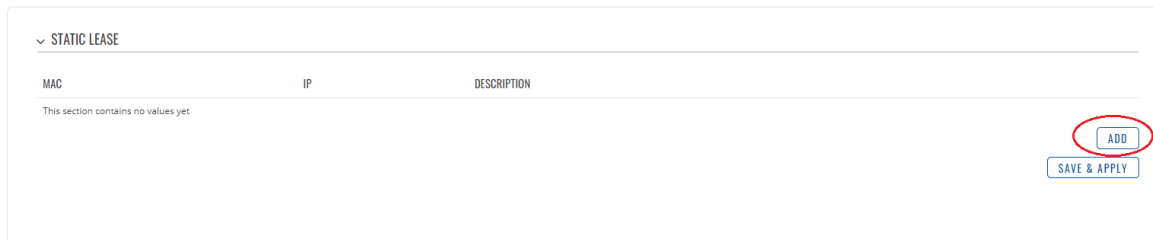


7. Close the controls cabinet, set safety switch to 1/On and restart the unit by setting the Service Switch back to On in the hand-held terminal.

7. Reservation of IP address when retrofitting

Reservation of IP address is used to lock the IP address so that the Climatix always is assigned the same IP address. This must be done when using the app.

1. Log in to the router.
2. Select the menu "Network" and "Interfaces". Click "Static Leases".
3. Select "Add".



4. Enter the MAC address for the Climatix unit (to find it, sign in using pw 2000 go to System settings / Communications / IP-Config. and scroll down) and enter the IP address 192.168.1.42. Click "Save & Apply" to save your settings.



5. Using the hand-held terminal, check that DHCP is active (i.e. gets assigned an IP address), like this:
 - Log in using password 2000
 - Go to menu: System settings / Communication / TCP/IP
 - Check that the DHCP is set to Active, and if it is not – make it so.
 - Make a restart (the last row of the IP-Config.-menu "Restart required!", select Execute for a restart).
 - When the Climatix has restarted, check that it has received the IP address 192.168.1.42.

8. Web filter

Web filter “Whitelist” is used when data traffic is to be allowed for the activated addresses only, and all other addresses should be blocked.

To remove activated addresses, do the following.

1. Enter menu “Services” and select “Web Filter”.
2. Set Enable to off.

SITE BLOCKING SETTINGS

Enable

off
on

Mode
Whitelist

Host List

BROWSE

SITE BLOCKING RULES

HOSTNAME

This section contains no values yet

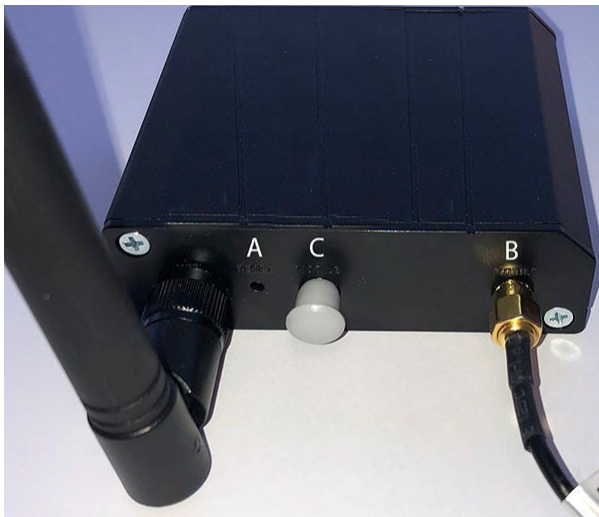
ADD

SAVE & APPLY

9. Factory reset

If the 4G router needs to be reset to factory settings:

1. Make sure the 4G router is switched on
2. Using a paper clip or some other similar object
3. Press the reset button approximately 5 seconds. Release the button and the router will do an automatic reset.



A: Hole where the Reset button is located

B: External antenna, main input

C: External antenna, secondary input (not used)

After a reset the router needs to be configured again for the Climatix, see [Reservation of IP address](#) and [Setting of SIM card](#).

10. Router in box (STI-10-1)

This is what the router in separate box setup looks like:
Please note! The box is supplied with a EU plug, not a UK plug.





Welcome to contact us



IV Produkt AB, Sjöuddevägen 7, S-350 43 VÄXJÖ
+46 470 – 75 88 00

www.ivprodukt.se · www.ivprodukt.com



Support:

Controls/Automation: +46 470 – 75 89 00, styr@ivprodukt.se
Service: +46 470 – 75 89 99, service@ivprodukt.se
Spare parts: +46 470 – 75 86 00,
reservdelar@ivprodukt.se
Documentation: +46 470 – 75 88 00, du@ivprodukt.se



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