



ConnectedCooking SelfCookingCenter VarioCookingCenter



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1 Connecting the cooking system to the Internet

1.1 Establishing the physical cooking system connection

First, a physical connection to the Internet must be established. There are several ways to connect the RATIONAL cooking system to the Internet, depending on the network environment.

1.1.1 LAN/Ethernet connection

Clarify with your IT and building services department whether a wired Internet connection is possible via Ethernet. Each cooking system to be networked will require a LAN cable and a cable box connected to the LAN. The box should either be protected against splashing water (IP65 protection against dust and water jets from all directions) or installed outside splash water zones. If a separate LAN box is not available for each cooking system, the cables can also be connected directly to a Layer 2 Ethernet hub or switch outside the splash zone. If Ethernet is not yet installed in the cooking system, the cooking system must be prepared for connection to the Internet. Ask your service partner to equip the cooking system with a power cable or a LAN socket for this.

- The SelfCookingCenter® or VarioCookingCenter® manufactured from 04/2017 already have an external Ethernet connection.
- SelfCookingCenter® or VarioCookingCenter® units produced between 10/2011 and 03/2017 can be retrofitted with service part no. 87.01.004 by a service partner.

If the cooking system has an Ethernet connection, it only needs to be connected with an Ethernet cable.

1.1.2 Connection with WLAN/WiFi

If an Ethernet connection is not possible, the cooking system can be connected to a WLAN router/access point via a WiFi adapter. The access point should offer at least 50Mb/s bandwidth on the WLAN side and sufficient wireless coverage at the installation location of the cooking systems to be networked. It is advisable to position the WLAN router/access point directly in front of or above the cooking system on the ceiling, never behind the cooking system. A WiFi adapter must also be purchased for each cooking system. The WiFi adapter is a RATIONAL accessory (EU, UK, USA, Canada, item number 60.76.714 WiFi adapter set). You can order this from your service partner and have it installed.

2 Registering a cooking system on ConnectedCooking

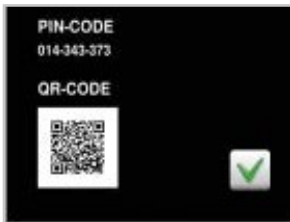
To display and use a RATIONAL cooking system in ConnectedCooking, the cooking system must be registered in ConnectedCooking. This can be done after the cooking system is connected to the Internet.

2.1 ConnectedCooking settings on the cooking system

Activate ConnectedCooking under the cooking system menu of the same name:

Step	Info/Button	Description
1		Press the MySCC or MyVCC button at the bottom of the main screen.
2		Swipe down to change the view if needed.
3		Select the ConnectedCooking function group on the left. Now activate ConnectedCooking by changing the setting to ConnectedCooking ON.

After a short wait, the registration code appears by pressing the Show registration code button:



- Write the PIN code down.
- Log in to the ConnectedCooking Internet platform or the app.

2.2 Registering the cooking system on ConnectedCooking

- a. Open app.connectedcooking.com in your browser:
- b. Log in with your username and password.
- c. Cooking system management > My cooking systems > Cooking system overview > + Add to assign the cooking system to your account by entering:
 - Cooking system name (free input)

2 | Registering a cooking system on ConnectedCooking

- Enter the registration code
- Select the ConnectedCooking group

Save your selections. The cooking system will now be displayed on the overview screen under Cooking System Management/My Cooking Systems.

2.3 Register the unit with the ConnectedCooking app

As an alternative to the ConnectedCooking platform, the cooking system can also be registered using the ConnectedCooking app:

- a. Download the app from the App Store or Google Play Store.
- b. Log into the app with your username and password.
- c. Cooking systems > + to assign the cooking system to your account by entering:
 - Cooking system name (free input)
 - Enter the registration code or scan the device's QR code.
 - Select the ConnectedCooking group

Save your selections. The cooking system will now appear in the app under Cooking Systems.

3 Troubleshooting






3.1 Cooking system not showing up in ConnectedCooking

Is the cooking system connected to the Internet?

- If not, please follow the procedure for new connections (Chapter 1 onward).
- If so, run a connection test to determine whether the connection to the Internet, or the Wifi adapter if used, is working. See the next chapter for instructions.

3.2 Perform a connection test on the cooking system

Perform a connection test on the cooking system as follows:

Step	Info/Button	Description
1		Press the MySCC or MyVCC button at the bottom of the main screen.
2		Swipe down to change the view if needed.
3		Select the Network function group on the left.
4		Do a connection test by pressing Ping Gateway. The number displayed after the PING – in the example: 10.12.28.5 – is the set IP address of the cooking system. A successful test with Ping Gateway always shows the result: <ul style="list-style-type: none"> ▪ 4 packets transmitted. ▪ 4 packets received. ▪ 0% packet loss.
5		Return to the home screen.

Proceed as follows, depending on the results of the connection test:

Case 1: A connection problem was detected during the connection test:

1. Follow the instructions for the new-connection procedure (from chapter 1) or for troubleshooting (chapter 3.3).

2. Repeat the connection test as soon as you receive the information that a functional connection has been established.

Case 2: The connection test was successful, but the cooking system is not being displayed in ConnectedCooking:

1. The cooking system is not yet registered in ConnectedCooking.
2. Carry out the registration (chapter 2).

Case 3: The connection test was successful, the cooking system is now visible:

1. The physical and logical networking of the cooking system was successful.
2. The cooking system has been successfully registered in ConnectedCooking.

3.3 Problem with the cooking system network connection

Contact the IT and building services experts responsible for your network. They can help you establish a functional Internet connection for the cooking system. Notify them of the location and the minimum network requirements. Work with the experts to check the following:

1. The physical connection (cable, WLAN) (chapter 1.1).
2. The logical network settings (operating instructions for your RATIONAL cooking system).
3. And the configuration of MAC filters and firewall (operating instructions for your RATIONAL cooking system).

Repeat the connection test (chapter 3.2) once the network operator notifies you that the network allows a functional connection in accordance with the minimum requirements.

4 ConnectedCooking support

ConnectedCooking support contact information and detailed documentation are available under the Support menu item in ConnectedCooking.

5 ConnectedCooking network requirements

Requirements for successfully adding the RATIONAL cooking system to your network:

- The cooking system is equipped with an Ethernet connection or
- The cooking system has an internal WiFi interface (e.g. iCombi Pro, iVario Pro or the additional WiFi option for the iCombi Classic cooking system) or
- The WiFi adapter accessory (RATIONAL 60.76.714) is installed. The WiFi adapter is available for the following models: SelfCookingCenter®: 6-half size – 20-full size, LM1: iCombi Pro (iCP) 6-half size – 20-full size, LM2: iCombi Classic (iCC) 6-half size – 20-full size.
- The cooking system displays the current date and time.
- The current software version is installed on the cooking system, see Table 2.

To connect the cooking system to the Internet:

- LAN: Network connection box with cable near the cooking system. It may be necessary to retrofit older models with an Ethernet connection.
- WiFi (802.11b/g/n 2.4 GHz, WPA2): Good installation-site reception via internal or external WiFi interface.

To network the cooking system, proceed as follows:

- LAN: the RATIONAL unit is connected via RJ45 cable to a nearby network connection
- Wi-Fi: A built-in or external Wi-Fi interface (e.g. Article no. 60.76.714) that connects to a Wi-Fi 802.11b/g/n (2.4 GHz) access point.
- All network components must be installed such that they are protected against splashing and spraying water in accordance with the ambient conditions.

Accessing the ConnectedCooking application

To access ConnectedCooking, all you will need is an Internet browser (e.g., the most recent versions of Chrome, Firefox, or MS Edge) and access to *connectedcooking.com via port 443. ConnectedCooking does not install any programs on your computer.

All options require the following network settings:

- If using DHCP, the IP address, netmask, gateway, and DNS server are assigned.
- Without DHCP, the network administrator is responsible for these settings.

Cooking system	Target	Protocol	Port	Direction	Description
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro, *iHexagon	*.connected-cooking.com	TCP	443	Outbound	HACCP data; device data if proxy server
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro, *iHexagon	*.connected-cooking.com	TCP	8883	Outbound	Device data
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro, *iHexagon	Customer DNS server	TCP/UDP	53	Outbound	DNS service
SelfCookingCenter, VarioCookingCenter iCombi Pro, iVario Pro, *iHexagon	Customer DHCP server	UDP	68	Broadcast	DHCP service
iCombiClassic	*.connected-cooking.com	TCP	8443	Outbound	HACCP data; device data, if a proxy server
iCombiClassic	*.connected-cooking.com	TCP	8884	Outbound	Device data
iCombiClassic	Customer DNS server	TCP/UDP	53	Outbound	DNS service

Tab. 1: Communication ports

Cooking system	Min. required version	Availability
SelfCookingCenter	SCC_07-00-10-6.34 or higher	June 2022
VarioCookingCenter	VCC-01-02-04.7 or higher	June 2022
iCombi Pro	LM100-16.2.25 or higher	June 2022
iCombi Classic	LM200-8.0.0 or higher	June 2022
iVario Pro	LMX-2.10.0 or higher	June 2022
*iHexagon	Compatible with any software version	March 2024

Tab. 2: Software versions

*iHexagon:

5 | ConnectedCooking network requirements

The iHexagon is currently only available in selected markets.

