

seca mBCA 525 c




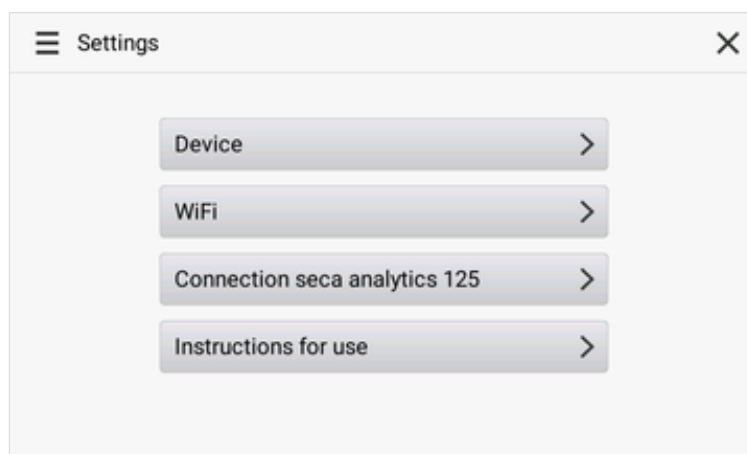
Start-up


7 CONFIGURATION

- [Calling up/exiting a menu](#)
- [Setting up a network connection](#)

7.1 Calling up/exiting a menu

1. Press the  key.
⇒ The **Settings** menu is displayed:



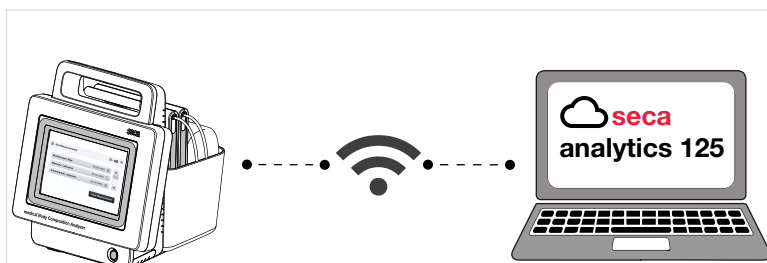
2. To exit the menu, press the  key.
⇒ The main screen is displayed.

7.2 Setting up a network connection

- [Managing WiFi connections](#)
- [Setting up a LAN connection](#)
- [Setting up a connection to the seca analytics 125 software](#)

Managing WiFi connections

Setting up a WiFi connection



For mobile use you can integrate the device in a WiFi network or connect it to a mobile WiFi hotspot.

To be able to use the full functional scope, the device must then be connected to the **seca analytics 125** software → [Setting up a connection to the seca analytics 125 software](#).

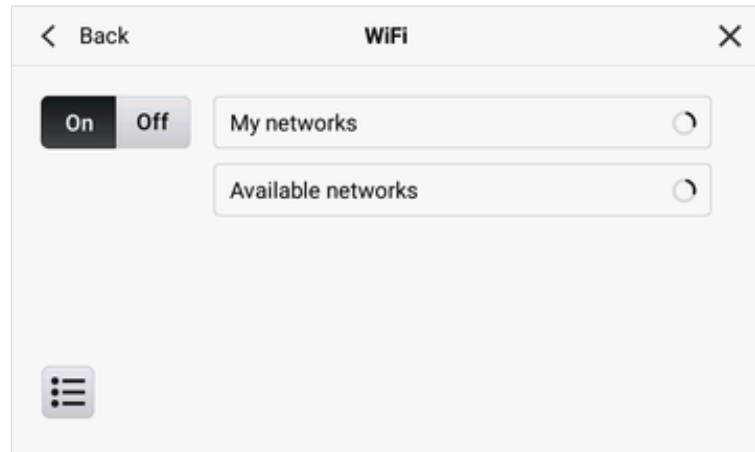
- ✓ WiFi access data are available
- ✓ The device is disconnected from any WiFi networks already set up → [Disconnecting the WiFi connection](#)
- ✓ The measuring mat is suspended in the magnetic catch of the monitor

NOTICE!

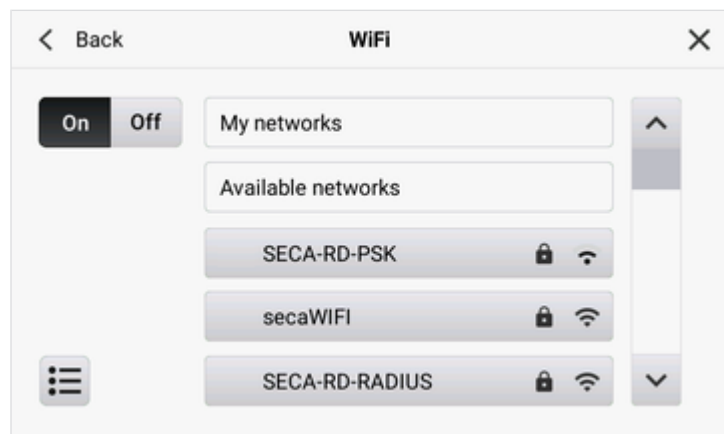
Data loss, access to data by unauthorized persons

- ▶ Note the instructions on IT security in our White Paper entitled "Cyber Security". The document can be found as a download in the Support area at www.seca.com.

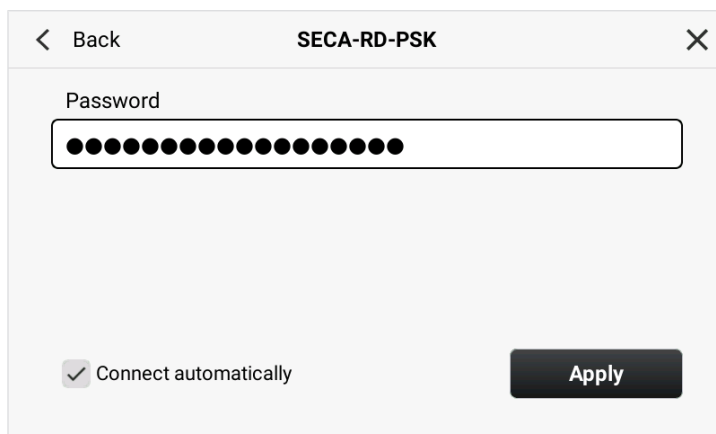
1. Press the **WiFi** key.
2. Press the **WiFi** menu item.
 - ⇒ The WiFi function is activated at the factory.
 - ⇒ The device automatically starts to search for WiFi networks.



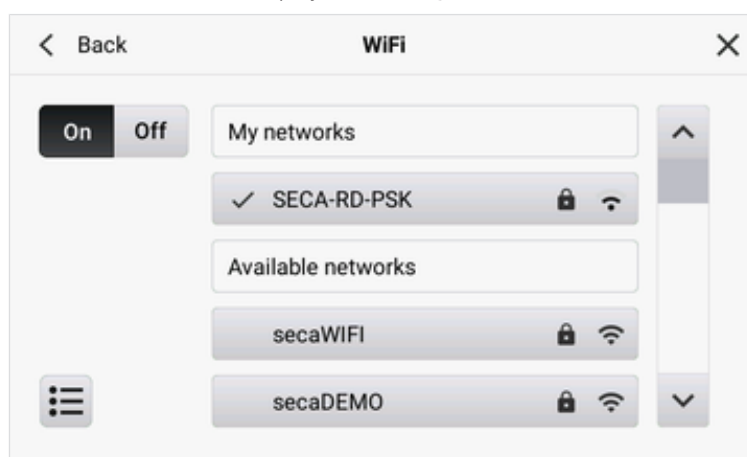
⇒ Found WiFi networks are displayed in the **Available networks** list.



3. Press the desired entry in the **Available networks** list.
4. Enter the access data:
 - ▶ Network with PSK encryption: Enter network code
 - ▶ Network with EAP-PEAP encryption: Enter user name and password



5. Press the **Connect** key.
 - ⇒ The WiFi network is displayed in the **My networks** list.

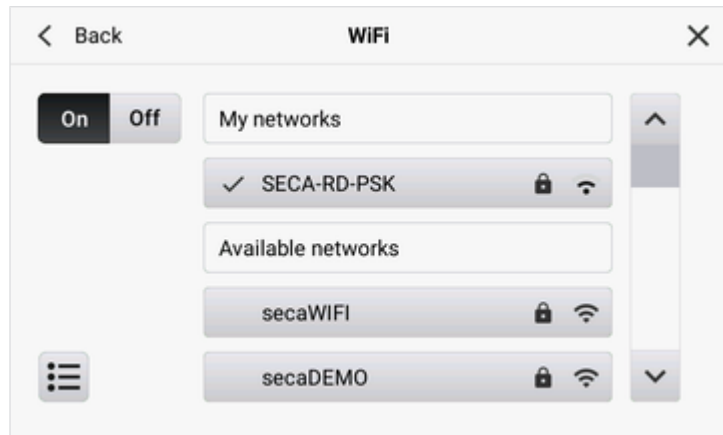


6. If wished, connect the device to further networks in the **Available networks** list.
 - ⇒ These WiFi networks are also added to the **My networks** list.
 - ⇒ The device automatically connects – depending on the reception range – to one of the WiFi networks displayed under **My networks**.
7. You can deactivate the WiFi function with the **Off** key.
 - ⇒ The WiFi function is deactivated.
 - ⇒ The **My networks** list is retained.
 - ⇒ The WiFi function can be activated again with the **On** key.

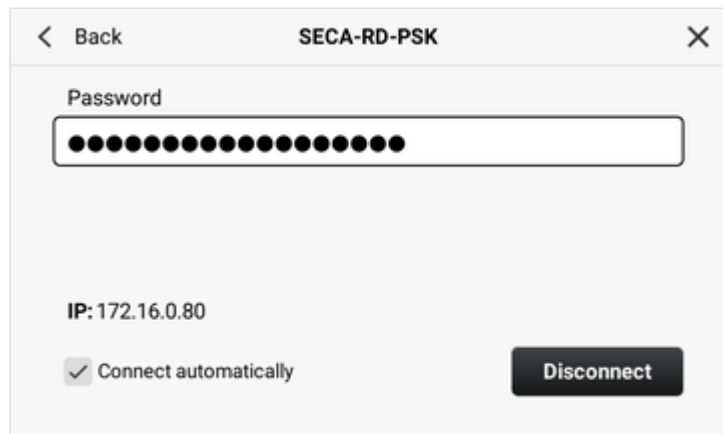
Disconnecting the WiFi connection

If you wish to manually switch to another WiFi network in the **My networks** list or to add a further WiFi network to the list, you must disconnect the existing WiFi connection.

1. Press the **WiFi** key.
2. Press the **WiFi** menu item.
 - ⇒ The network currently connected is displayed.
3. Press the active network in the list **My networks**.

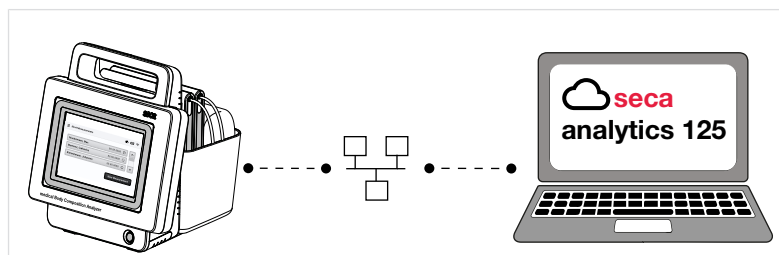


⇒ Details of the network are displayed:



4. Press the **Disconnect** key.
 - ⇒ The connection is disconnected.
 - ⇒ The network is retained in the **My networks** list, and the ✓ symbol is no longer displayed.
5. To reconnect the device with the network, press the relevant entry in the **My networks** list.

Setting up a LAN connection



For stationary use, e.g. in a specific treatment room of your practice, you can integrate the device in a LAN network.

To be able to use the full functional scope, the device must then be connected to the **seca analytics 125** software → [Setting up a connection to the seca analytics 125 software](#).

- ✓ Protective cap on the rear of the device has been removed (e.g. with a small slot-head screwdriver)
- ✓ Device is connected to a network connection with a LAN cable
- ✓ For a static network connection (manual setup): Network data are available

NOTICE!**Data loss, access to data by unauthorized persons**

- ▶ Note the instructions on IT security in our White Paper entitled "Cyber Security". The document can be found as a download in the Support area at www.seca.com.

1. Press the **key**.
2. Select the menu item **Device LAN**.

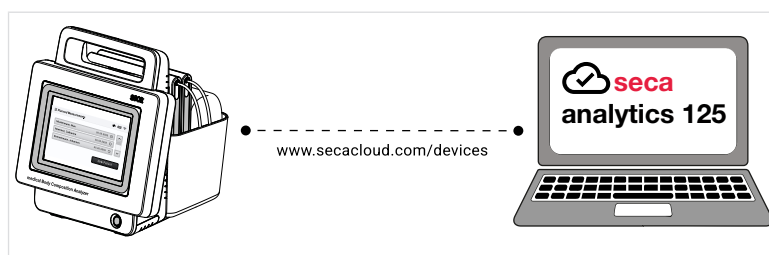
- ⇒ The LAN function is activated at the factory.
- ⇒ The **DHCP** checkbox is activated at the factory.
- ⇒ The LAN connection is set up automatically.

NOTE

If you wish to set up a static network connection, deactivate the **DHCP** checkbox. Set up the connection according to our White Paper entitled "Cyber Security" and the regulations of your institution.

3. Press the **Save** key.
 - ⇒ The change is saved.
4. You can deactivate the LAN connection with the **Off** key.
 - ⇒ If **DHCP** is activated: The network data are discarded.
 - ⇒ If **DHCP** is deactivated: The network data are retained.

Setting up a connection to the seca analytics 125 software



If the device is connected to the **seca analytics 125** software, the following functions are available, in the **seca analytics 125** software:

- View patient data
- Save measuring results
- Analyze measuring results

To connect the device to the **seca analytics 125** software, proceed as follows:

- ✓ The device is connected to a network via LAN or WiFi

- ✓ The server address (IPv4 or DNS) and server port for the **seca analytics 125** software are known
- 1. Press the **key**.
- 2. Select the **Connection seca analytics 125** menu item.

The screenshot shows a configuration window titled "seca analytics 125". It has a "Back" button on the top left and a close "X" button on the top right. The main content area contains the following fields and labels:

- Server address (IPv4/DNS)**: An empty text input field.
- Server port**: A text input field containing the value "22020".
- Serial number:** A label followed by the value "76543217654321".
- Certificate valid until:** A label followed by an empty field.
- Save**: A light blue button located at the bottom right.

- ⇒ The serial number of the device is displayed.
- 3. In the **Server address (IPv4/DNS)** field enter the server address (IPv4 or DNS) of the analysis software.
- 4. If necessary, edit the **Server port** (default: 22020, recommended) for the analysis software.

The screenshot shows the same configuration window as above, but with the "Server address (IPv4/DNS)" field now containing the value "3.66.124.110". The "Save" button is now dark grey.

- 5. Press the **Save** key.
 - ⇒ The connection data are saved and submitted to the **seca analytics 125** software.
- 6. Activate the connection in the **seca analytics 125** software, as described in its instructions for use.
 - ⇒ A certificate is generated in the **seca analytics 125** software.
 - ⇒ If a validity date for the certificate is displayed on the device, the connection is set up.

< Back seca analytics 125 ×

Server address (IPv4/DNS)

Server port

Serial number: 76543217654321

Certificate valid until: 13.09.2025

NOTE


The connection data are retained when network connections (WiFi/LAN) are deactivated. When the network connections reactivated, the connection to the **seca analytics 125** software thus does not need to be set up again.

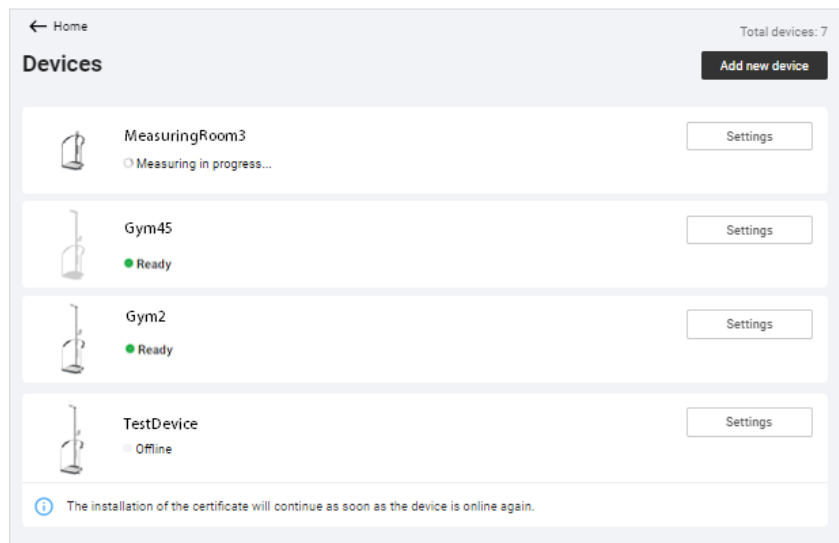
Add device to seca analytics 125

8.2 Using the device list

- Viewing the device list
- Adding a device (optional)
- Calling up device settings
- Reinstalling a certificate (optional)
- Renaming device

Viewing the device list You can call up a list of all the seca measuring devices connected.

1. Click .
 2. Click **Devices**.
- ⇒ The connected devices and their status are displayed.




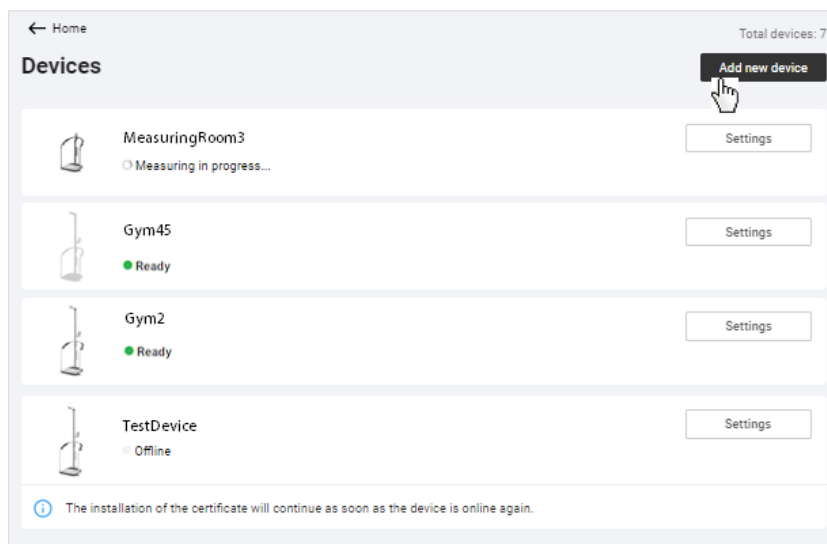
Device status	Meaning/function
Ready	Device is connected and ready to measure
Measuring in progress	Measurement in progress
Offline	Device not connected, e.g. during a device restart

Device status	Meaning/function
Deactivated	Device has been deactivated by seca Service or is not yet activated

Adding a device (optional) You can add measuring devices yourself if seca Service has not already done so.

- ✓ You need the serial number of the device
- ✓ The IP address or the DNS address you received from seca Service has been entered in the device
- ✓ The device is online

1. Click .
2. Click **Devices**.
 - ⇒ The device list is displayed.
3. Click **Add new device**.




4. Enter the serial number of the device.

Enter serial number ×

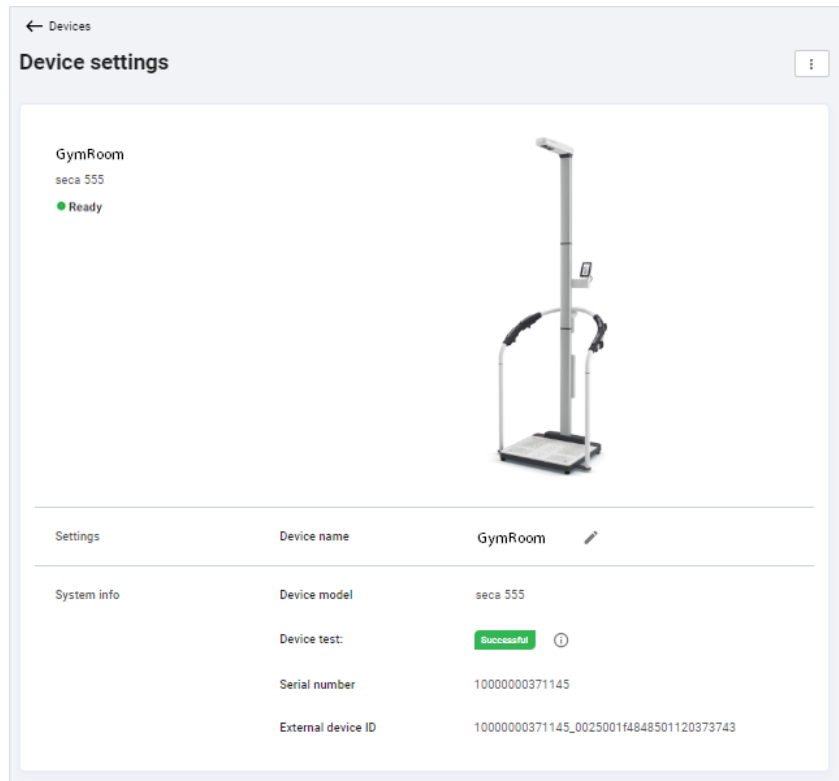
Serial number:

5. Click **Add**.
 - ⇒ The device is added to the device list.
 - ⇒ A certificate will be installed.
 - ⇒ After installation, the device will be restarted (device-dependent).
 - ⇒ Once the installation process is complete, the device is shown as **Ready**.

Calling up device settings

1. Click .
2. Click **Devices**.
 - ⇒ All connected devices are displayed.
3. In the desired device, click **Settings**.

- ⇒ The **Device settings** view is displayed.
- ⇒ You have the following options for continuing:
 - [Reinstalling a certificate \(optional\)](#)
 - [Renaming device](#)
 - [Completing device test \(seca mBCA 555/554\)](#)




The following information is displayed:

Setting/information	Meaning/function
Device name	Model number (default), can be amended as desired (→ Renaming device)
Device model	Automatically transmitted by device
Device test	Status of device test, display device-dependent (→ Completing device test (seca mBCA 555/554))
Serial number	Automatically transmitted by device
External device ID	Unique device identifier

Reinstalling a certificate (optional)

A certificate is required to connect measuring device and software. This certificate is generated automatically during installation and renewed automatically before it expires. In the event of an error, you can reinstall the certificate.

- ✓ The device is currently not in use.
- ✓ **Device settings** view called up (→ [Calling up device settings](#)).

1. Click  for the desired device.



2. Click **Reinstall certificate**.
⇒ A prompt dialog is displayed.
3. Click **Yes** to reinstall the certificate.
⇒ The certificate will be installed.
⇒ After installation, the device will be restarted.

NOTE

If you run the function when the device is offline, the installation process does not start until the device is back online.

Renaming device

✓ **Device settings** view called up (→ [Calling up device settings](#)).

1. Click  in the **Device name** line.
2. Change the name as desired.
3. Click  to save the change.
⇒ The device name is changed.