seca mBCA 515 and
seca analytics 115 Software

Instructions: Installation and connection

Dear seca customer,

For the smooth connection of your mBCA to a PC, it is necessary to establish a network connection. This is described step-by-step here.

In the first part, the software installation is described. After that comes the settings on your PC, followed by the settings on your mBCA.

All the steps listed here have been tested and the examples given have been validated.

Please understand that we cannot include every variation, otherwise this document would become very extensive and confusing.
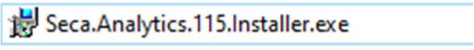
We have also deliberately refrained from technical explanations of terms. If you are interested, you can find a summary of IT terms, as well as many useful documents and information about them under the following link:
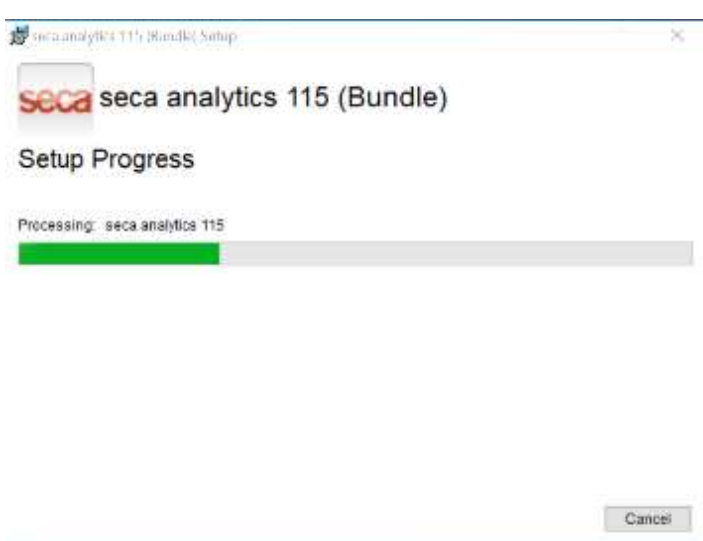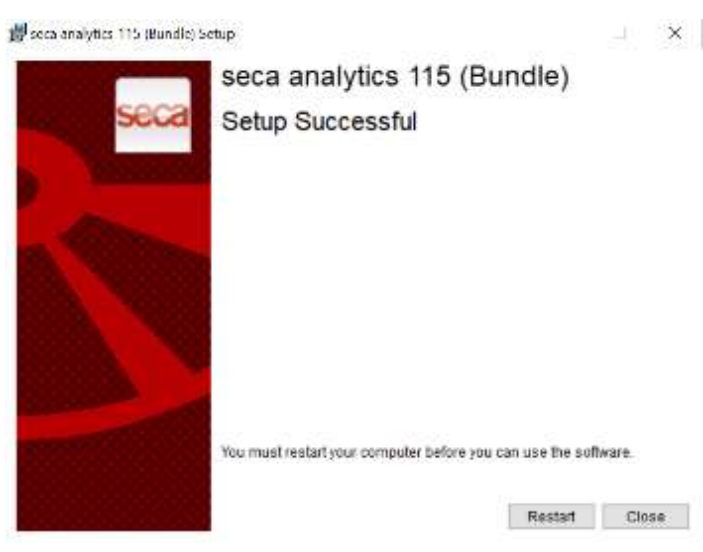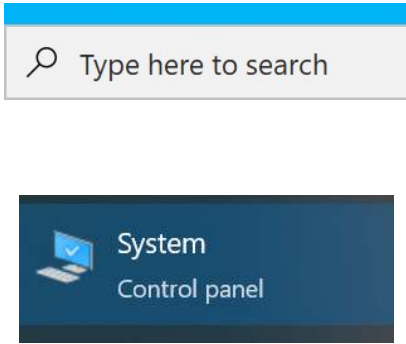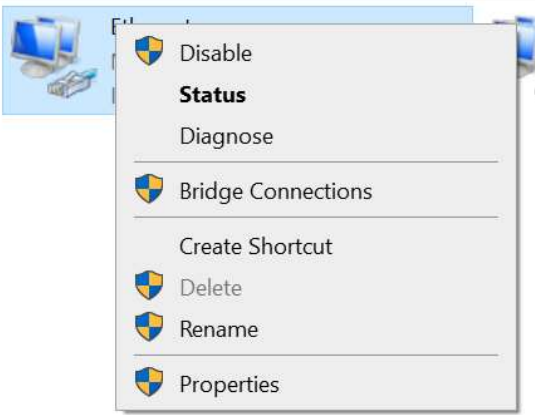

Link: IT definitions and more!

What we don't show in this step-by-step guide is port sharing in the firewall(s). There are many instructions for this on the Internet and here too the variations are very large. We also have a document that informs you about firewalls and ports. You can find this document at the link above.
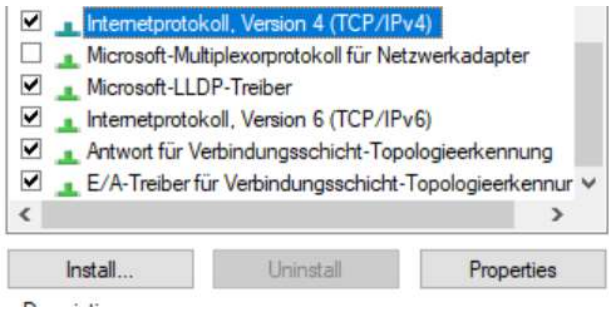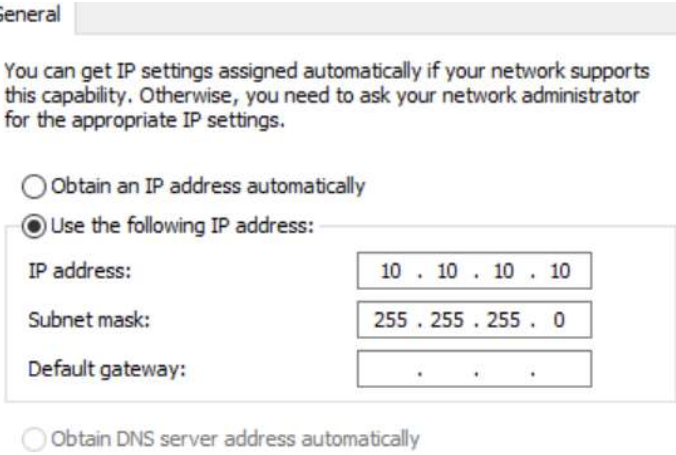
However, since port sharing is necessary for your mBCA to communicate with the software, it is important that you make this setting beforehand.
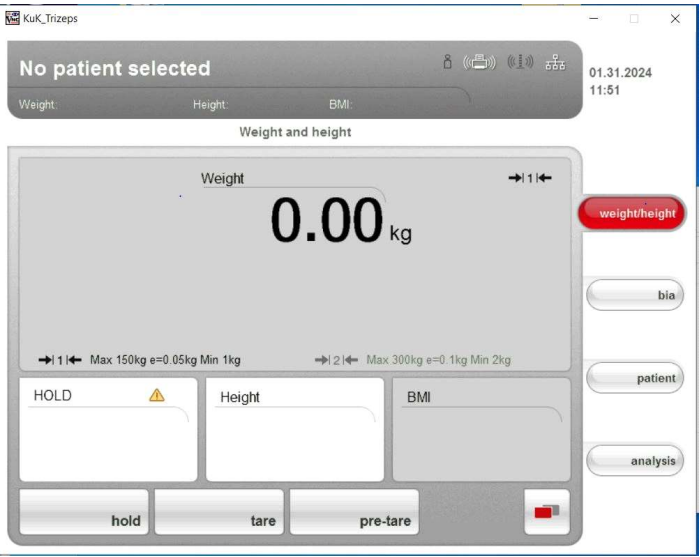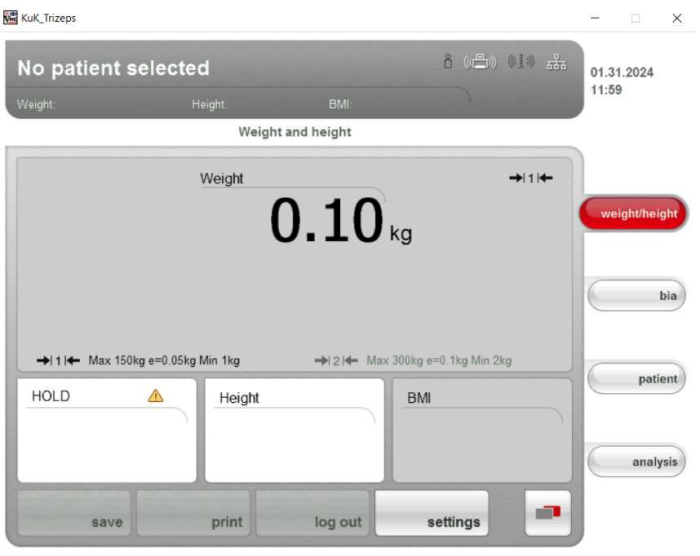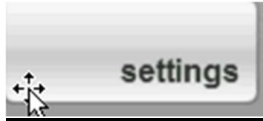
Please read this document if you have any questions about this and contact your IT professional if you don't want to or can't do it yourself.
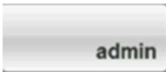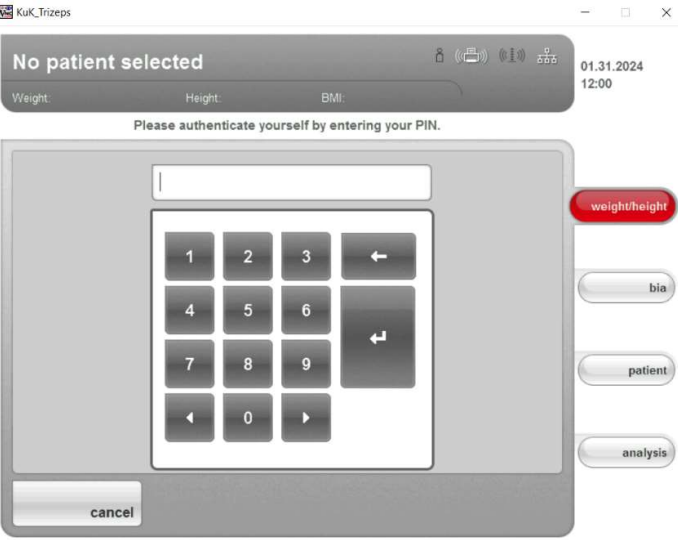
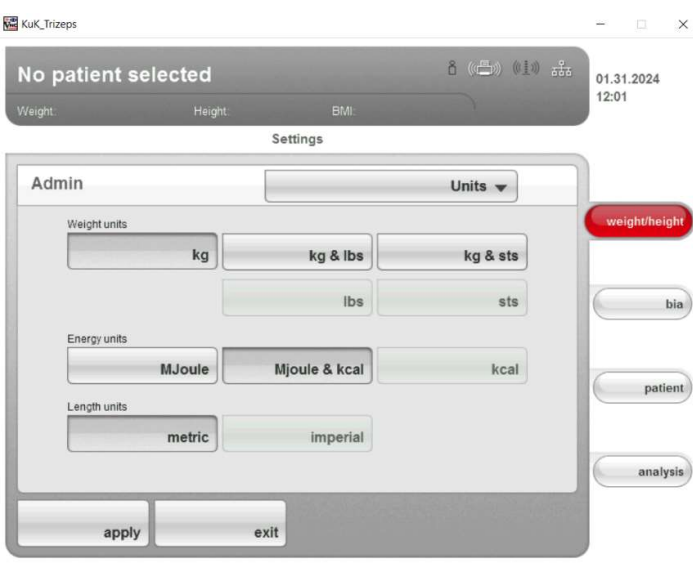| 1	**seca analytics 115 installation.** You can download the seca analytics 115 software from our homepage: Link: seca analytics 115 Double-click Seca.Analytics.115.Installer.exe.	Seca.Analytics.115.Installer.exe
2	The installation will start, and the following window will appear:	seca analytics 115 (Bundle) Setup **seca analytics 115 (Bundle)** **Welcome** Setup will install seca analytics 115 (Bundle) on your computer. Click install to continue, options to set the install directory or Close to exit. Select option: ◉ analytics 115: complete ○ analytics 115: client ○ analytics 115: server seca analytics 115 (Bundle) license terms. Version 1.4.27.0 ☐ I agree to the license terms and conditions Options Install Close
3	You need to choose how you want the software to be installed.	- A "full" installation is required if the software - including the database - is to be installed on a single PC (use this for server installation as well) - The "client" installation should be performed if the database is already available on the same network (server), but not on the actual PC itself. - The "Server" installation only installs the database on a PC (not recommended for server installation). The client PCs access this database. Read the license terms, agree to them, and click INSTALL.

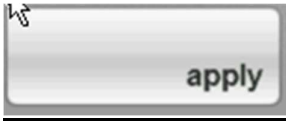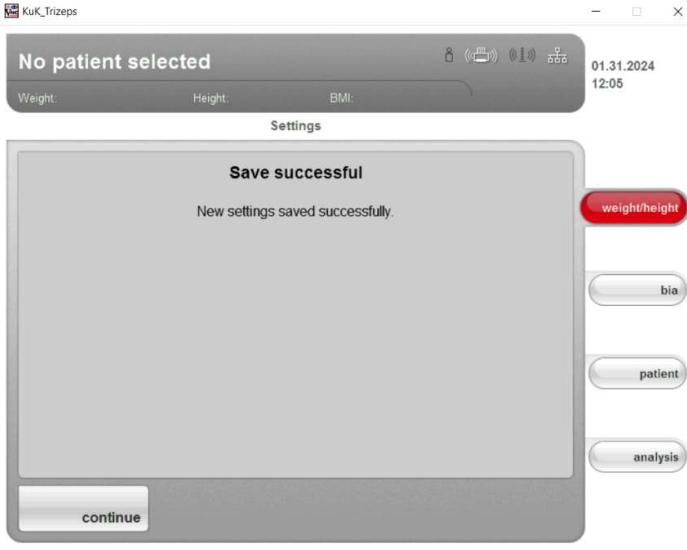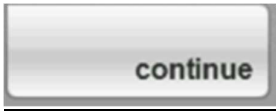| 4	The software will be installed.	Setup Progress — Processing: seca analytics 115
5	After the software has been successfully installed, click RESTART. Some PCs may require confirmation that seca Software is making changes to the PC. If you see this communication window, please confirm to allow changes. The installation is complete.	seca analytics 115 (Bundle) Setup Successful — You must restart your computer before you can use the software. Restart / Close

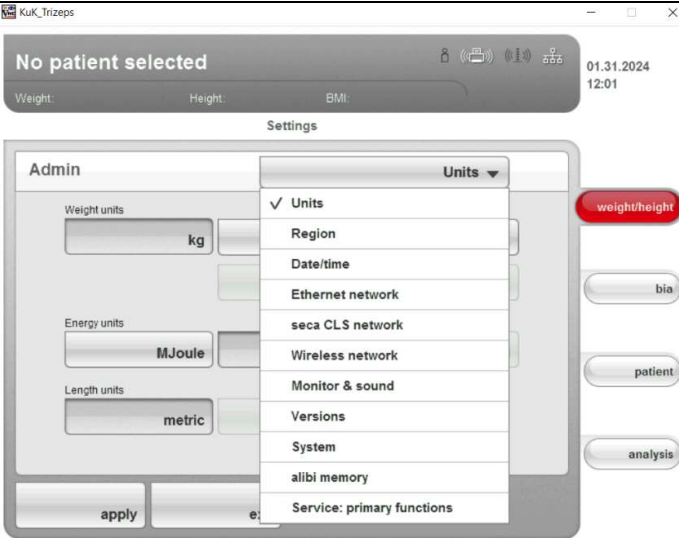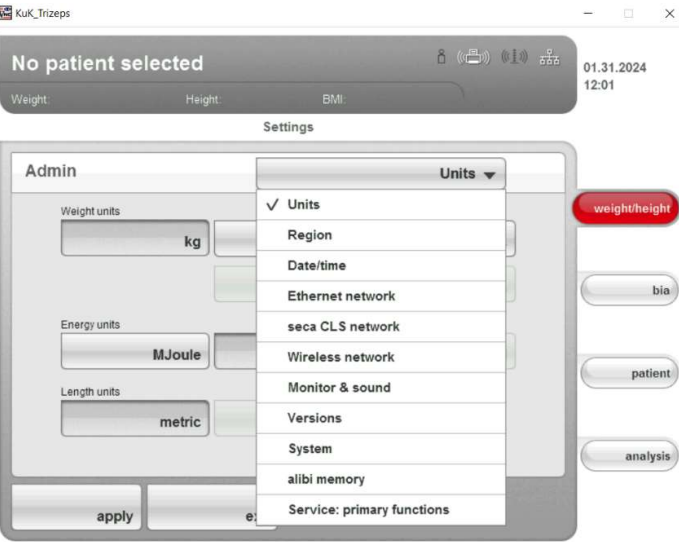| 6	**Network configuration on the PC:**	Here we show a configuration of the network settings using a seca analytics 115 full installation on a Windows 10 operating system and a direct connection between your mBCA device and the PC. The PC should always have a fixed (static) IP address assigned. There may be slight variations in other versions of Windows and/or network configurations.
7	Connect the network cable from the mBCA to the PC (adapter). Open the Control Panel from the search function in the taskbar.	
8	Open the Network & Sharing Center.	
9	On the left-hand side, open the "Change adapter settings" tab.	
10	Right-click the network adapter you want to configure. If you're not sure which adapter your mBCA is using, unplug the LAN cable (USB-LAN adapter) and check which adapter is missing.	
11	Click Properties.	

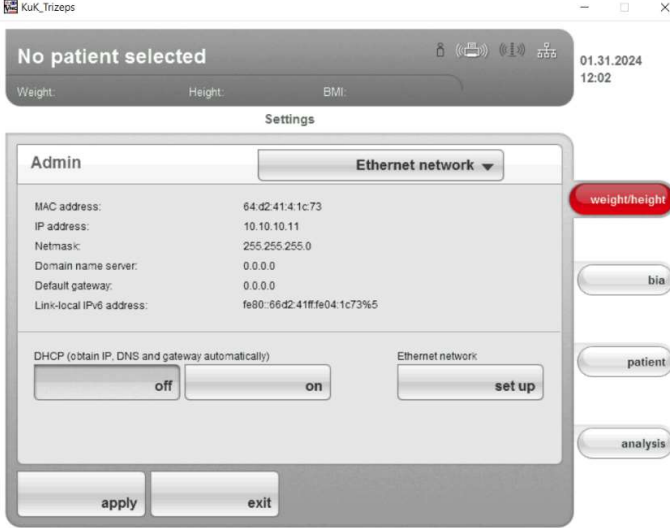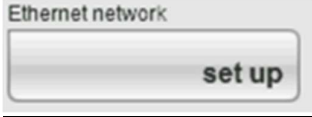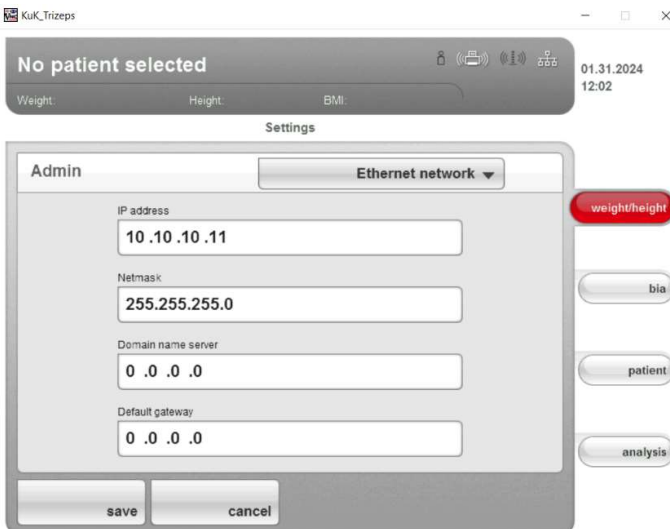| 12	Highlight Internet Protocol Version 4 and click Properties.	
13	Under "Use the following IP address," enter the IP address you want to use. We recommend a simple IP, such as 10.10.10.10 However, you can also choose a different IP. Read more here: Link: IT disambiguation	
14	Now enter a subnet mask as well. Example: 255.255.255.0 Other settings are optional, and you can save these settings.	

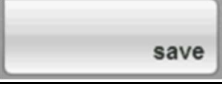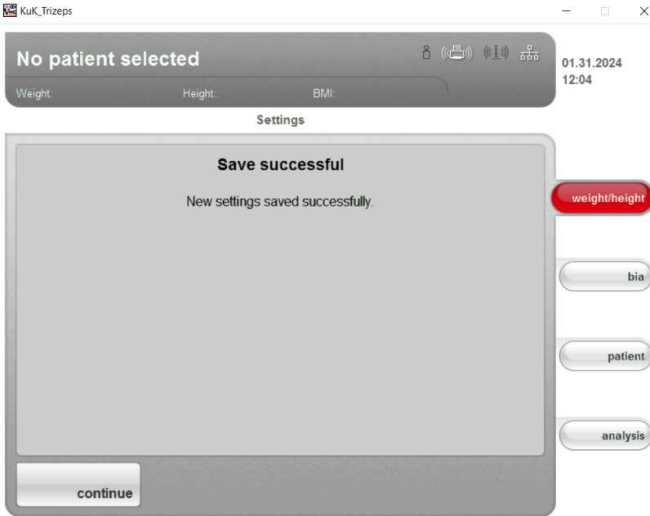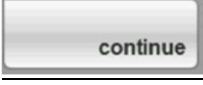| 15	**seca mBCA 514 / 515 Settings:** Set up a network cable connection between the PC and the mBCA. Press the on/off button on the mBCA to turn it on.	
16	Press	
17		
18	Press	

19		
20	Press	
21	Enter Admin PIN (00000) Press Enter.	
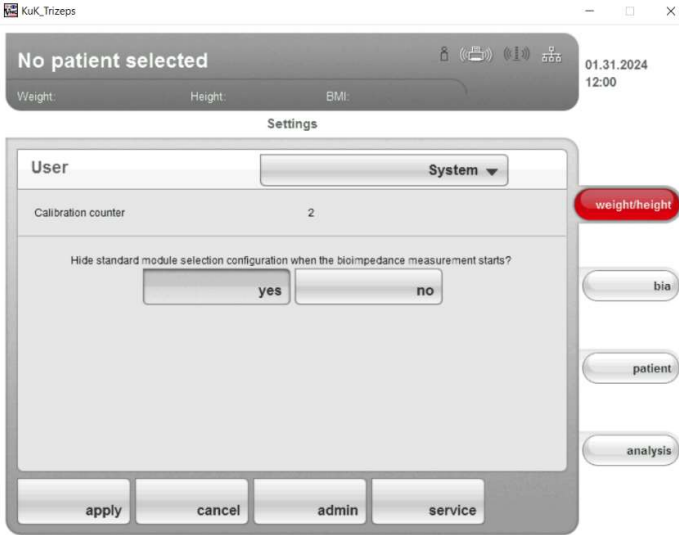
22		
23	Press	
24	A "drop-down menu" will open.	
25	Press "seca CLS Network".	

26	Enter the IP address of the PC/server on which the database is located (server or complete installation) in the "IP Address" field.	
27	Press	
28		
29	Press	
30		

31	Press the drop-down menu again.	
32	Press "Ethernet Network".	
33	If your network is set up as DHCP, select DHCP.	

	In our example, DHCP is off.	
34	Press	
35	Now enter an IP address for the mBCA. In our example 10.10.10.11 More information can be found here: Link: IT disambiguation	
36	Enter the subnet mask of the PC/server that contains the database in the Netmask field. In our example, the 255.255.255.0	
37	Enter Default Gateway and Domain Name	

	Server (if you have assigned a Default Gateway and Domain Name Server) in the Default Gateway and Domain Name Server fields.	
38	Press	
39		
40	Press	
41		
42		

	Press	
43	Press the "Weight/Height" button to return to the home screen.	
44	Now the connection between the mBCA device and the PC is complete.	
45	Here's a summary:	<u>Settings on the PC:</u> <u>Fixed IP assigned to machine (10.10.10.10) Netmask: 255.255.255.0</u> <u>Settings on the mBCA device:</u> <u>Fixed IP of the PC entered under menu item "seca CLS network" (10.10.10.10)</u> <u>Under menu item "Ethernet network" DHCP "off" and fixed IP assigned to the mBCA device 10.10.10.11, as well as netmask 255.255.255.0.</u>
46	Network communication between the mBCA and the computer is established when the	

	network icon appears white in the upper right corner of the screen.	
47	Perform a test measurement and see if the measurement appears in the seca analytics 115 software. If this does not work, please check the firewall ports and any settings you have made.	