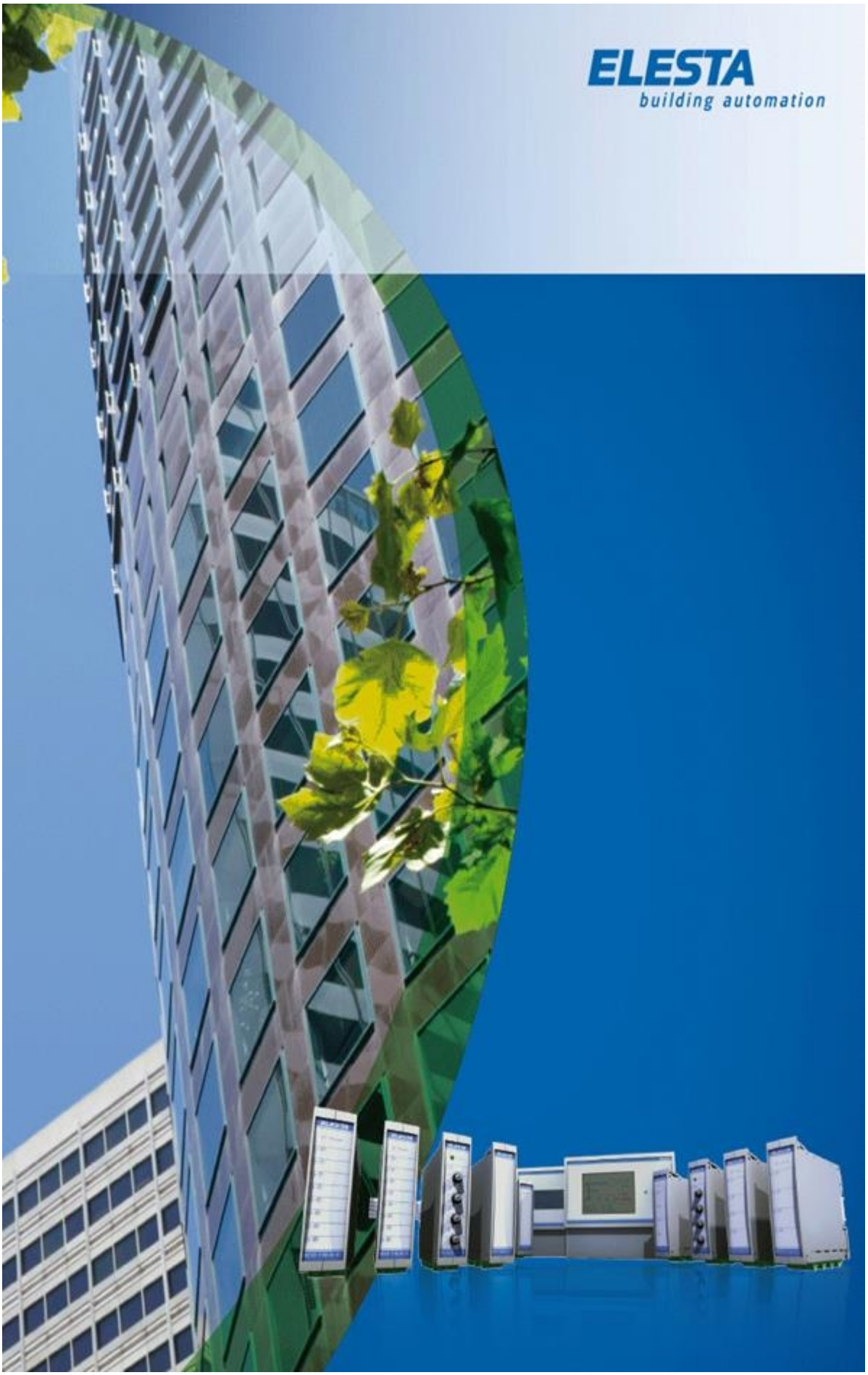

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Webpanel 1.7

Monday, 8/ June 2020

1.7

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Note

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General information

The webpanel itself displays the internal webserver of the selected RCO Master.
The program, content of the webserver as well as the webserver itself is exclusively on the connected master controller.
The panel is only a display with some additional features. It's not required to access the visualisation.
The webpanel app adds features for an better handling of the visualisation.

- automatic start of the visualisation after power-down
- suppression of the android onscreen keyboard in certain situations
- app-lock mode to lock the android system
- station selection for a easy connection to multiple RCO web servers

App-setup

After the first startup of the webpanel the ELESTA web panel App opens automatically with the settings page.
This page can also be opened by swiping from left border to the middle of the screen.

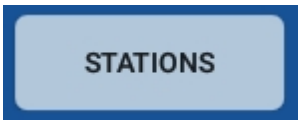
With the gear icon the page for the network settings can be opened.

In this field the IP address of the RCO web server which should be displayed has to be entered using the onscreen keyboard. Important: „http://“ has to be used in front of the IP adresse.

When this time is expired, the screen is turned off. This can also be done by the android system. We recommend to use the Webpanel screensaver rather than the app screensaver. For how to do this, take a look into the device settings.

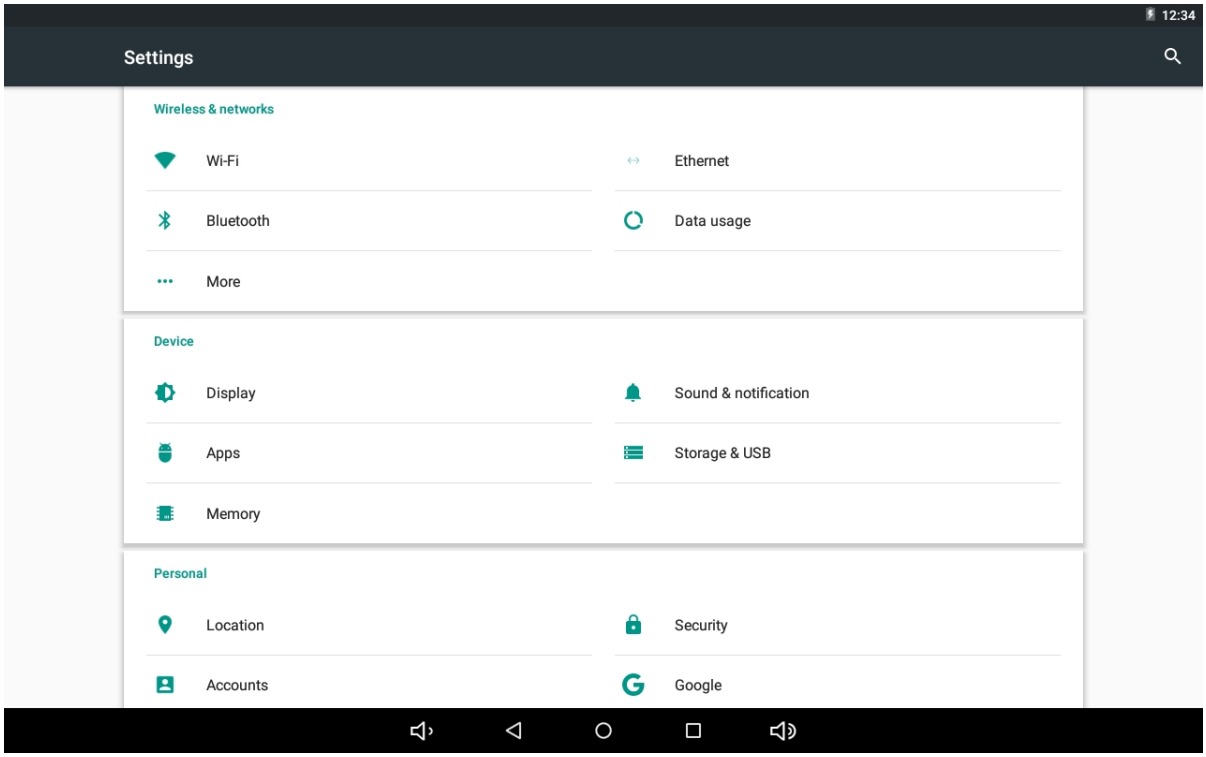
This button allows to delete the stored passwords.

With this button, the app as well as the webpanel can be locked.



This button opens the configuraion dialogue for the station selection.

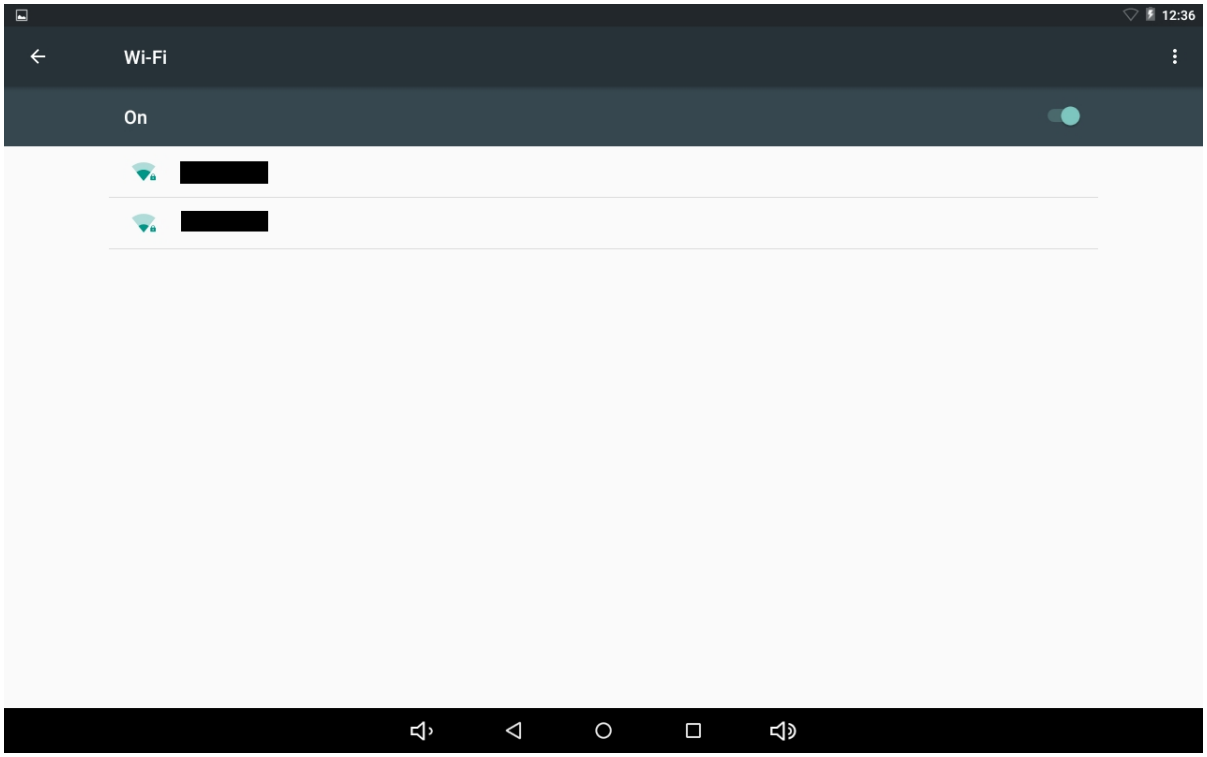
Device setup



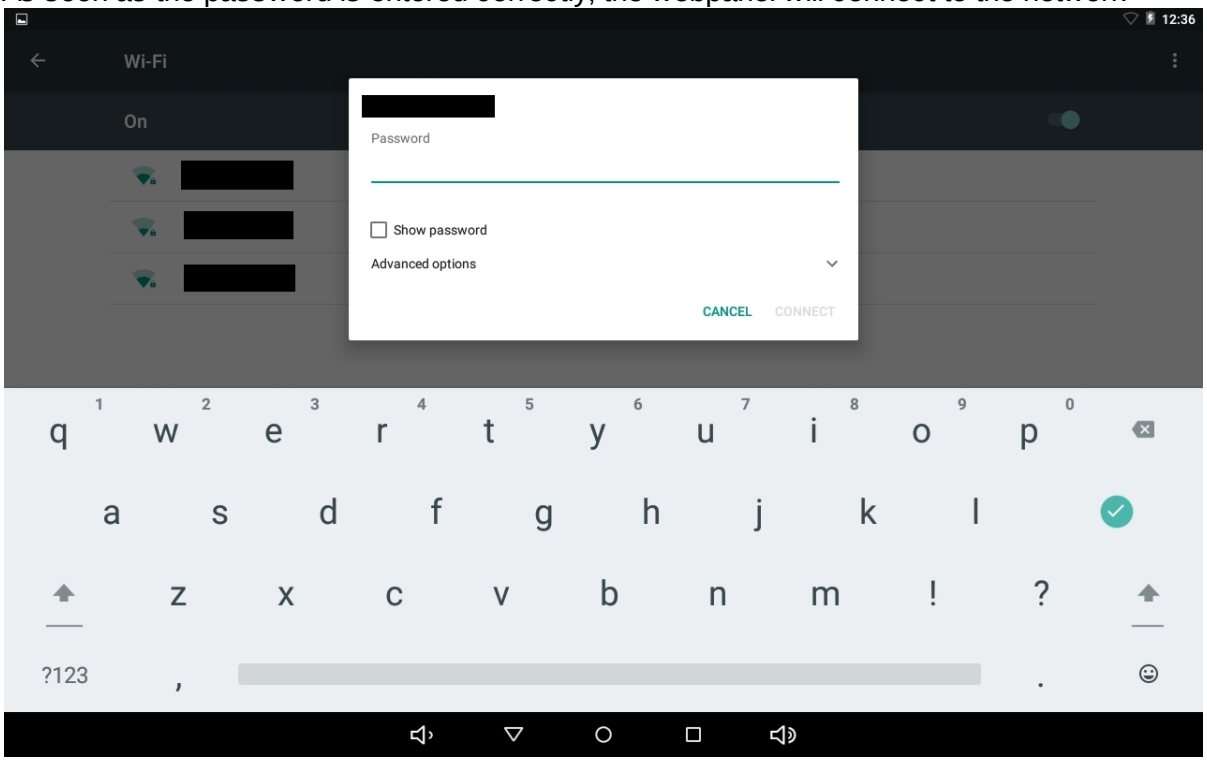
Wi-Fi	This button openes the wireless settings.
Ethernet	This button openes the wired settings.
Display	This button openes the display settings.

Wireless setup

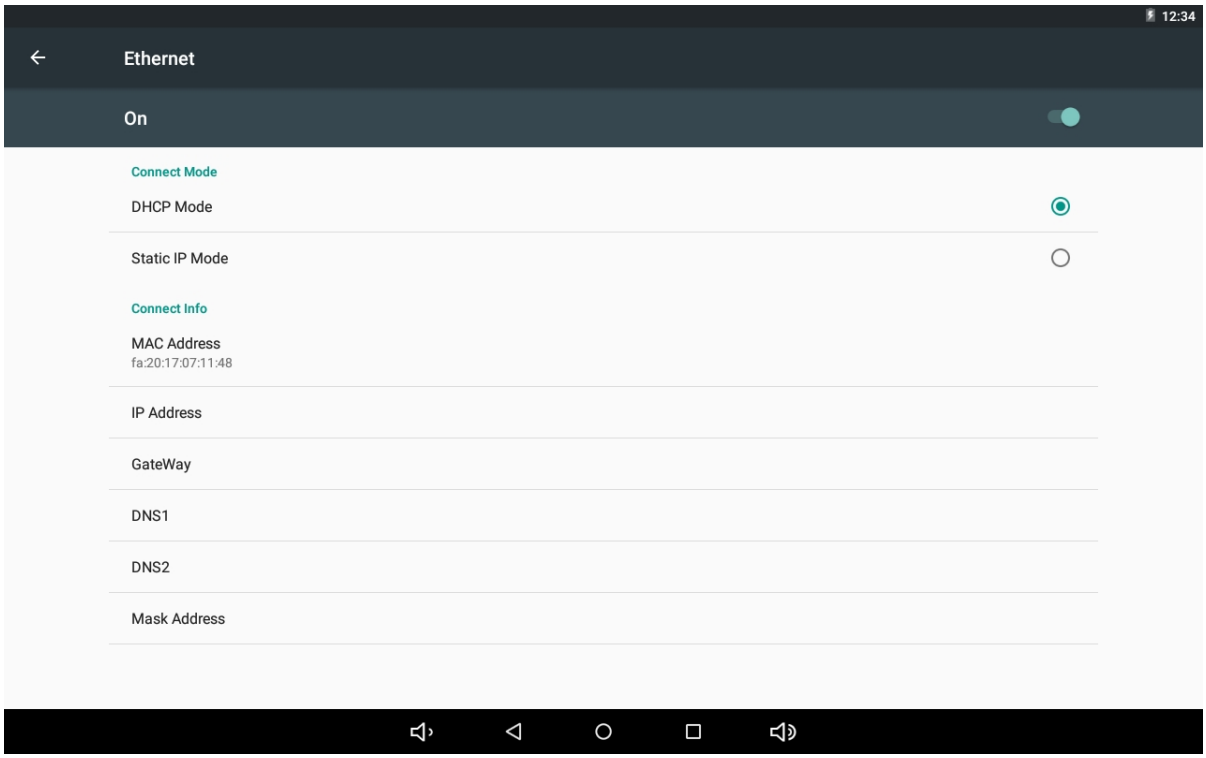
As soon as the wireless network connection is turned on, the webpanel automatically searches for available wireless network connections.
To connect to a network, click on the name of the network.



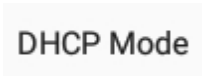
If the network is password protected (strongly recommended) you will now be prompted to enter this password.
As soon as the password is entered correctly, the webpanel will connect to the network



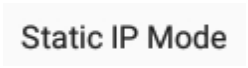
Wired setup



with this switch, the wired connection can be turned on

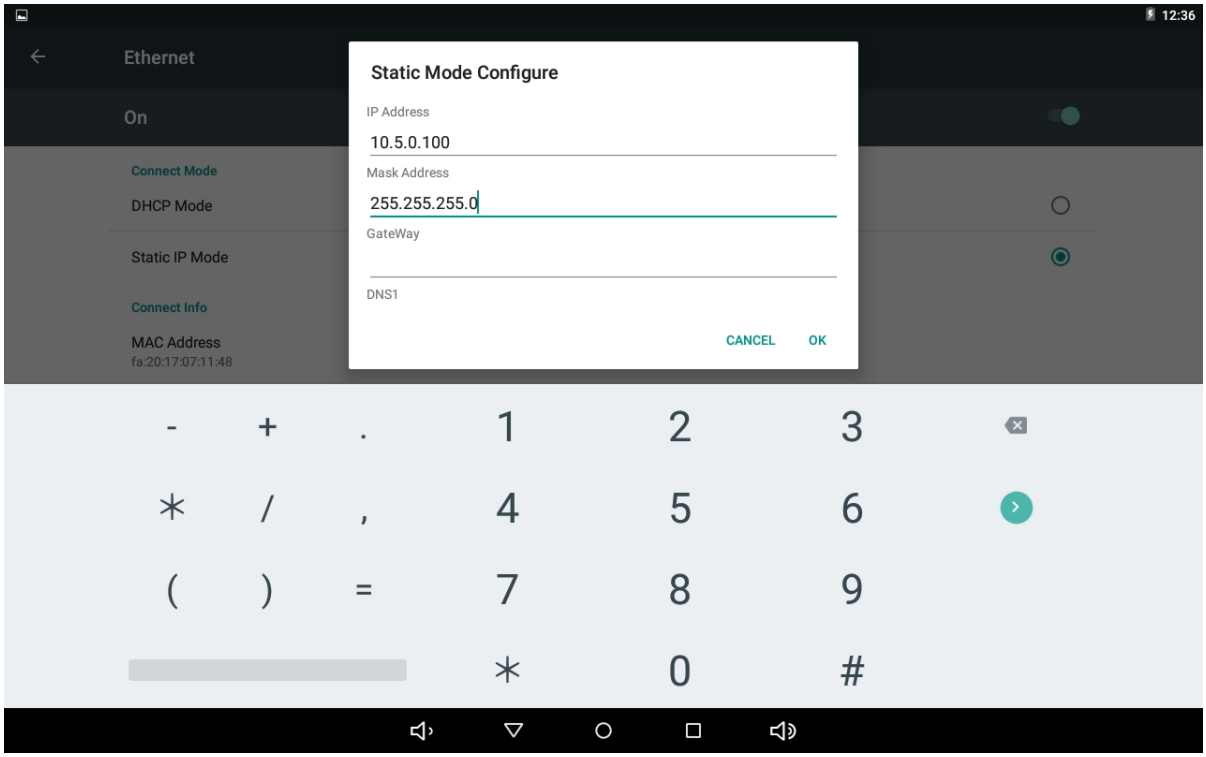


the webpanel gets the IP address over DHCP



set up a static IP address

If a DHCP server exists in the network, the DHCP checkbox can be activated and an IP address is automatically assigned to the webpanel.



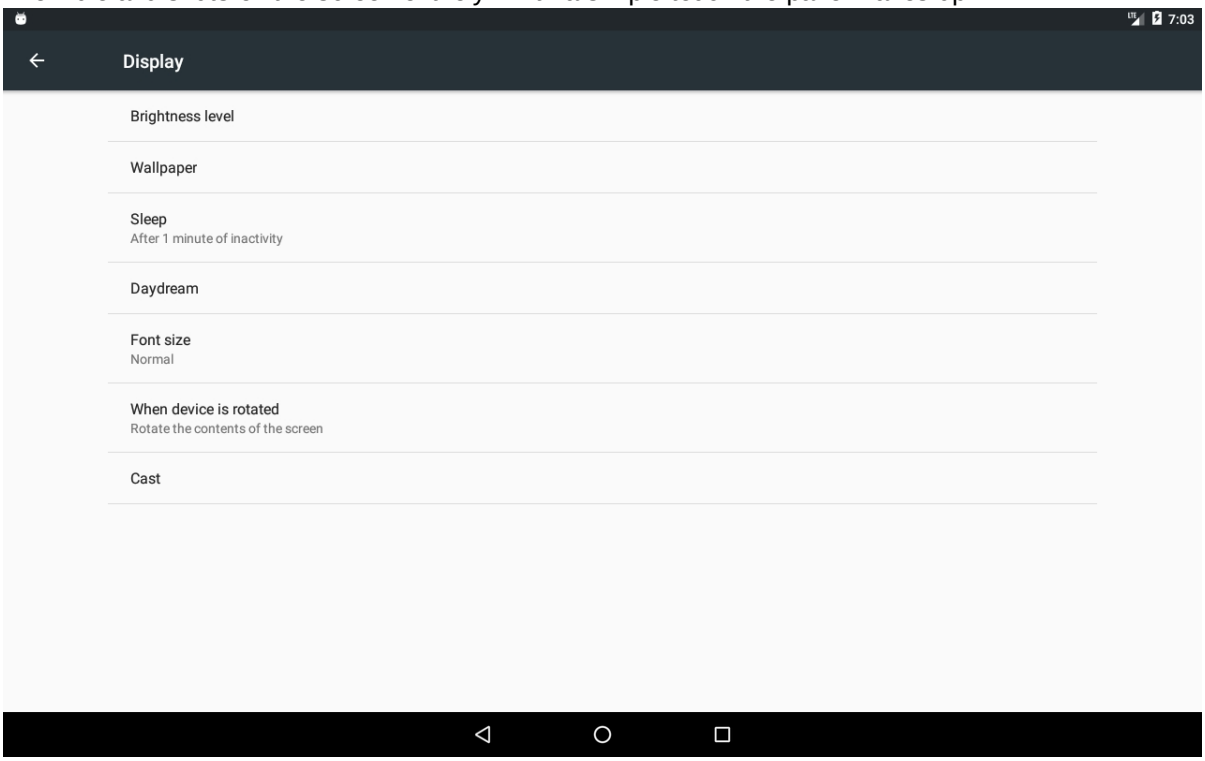
If a static IP address should be assigned to the webpanel it can be set up here.
To allow a connection to an RCO web server, at least the IP address and the net mask have to be defined. The IP address has to be in the same range as the one of the web server.
Example:

RCO-900D-W	10.5.0.100
webpanel	10.5.0.123

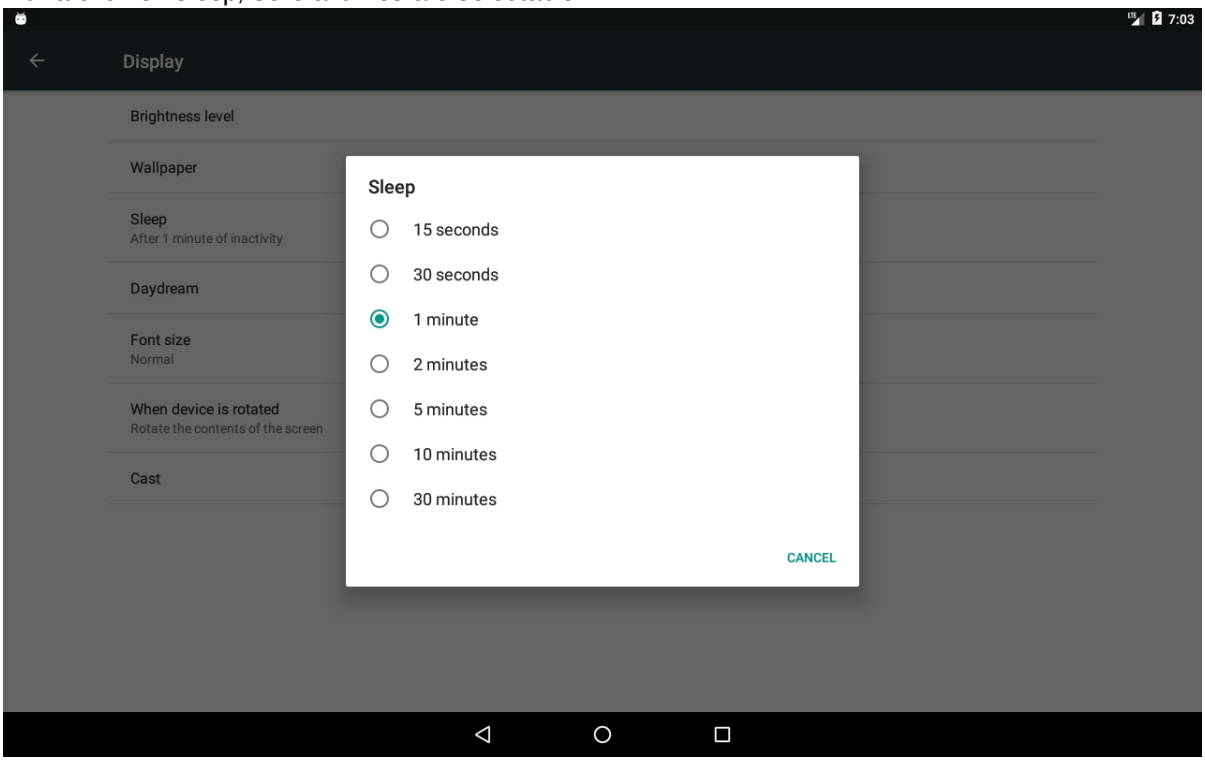
Generally the mask 255.255.255.0 should be used.

Display sleep

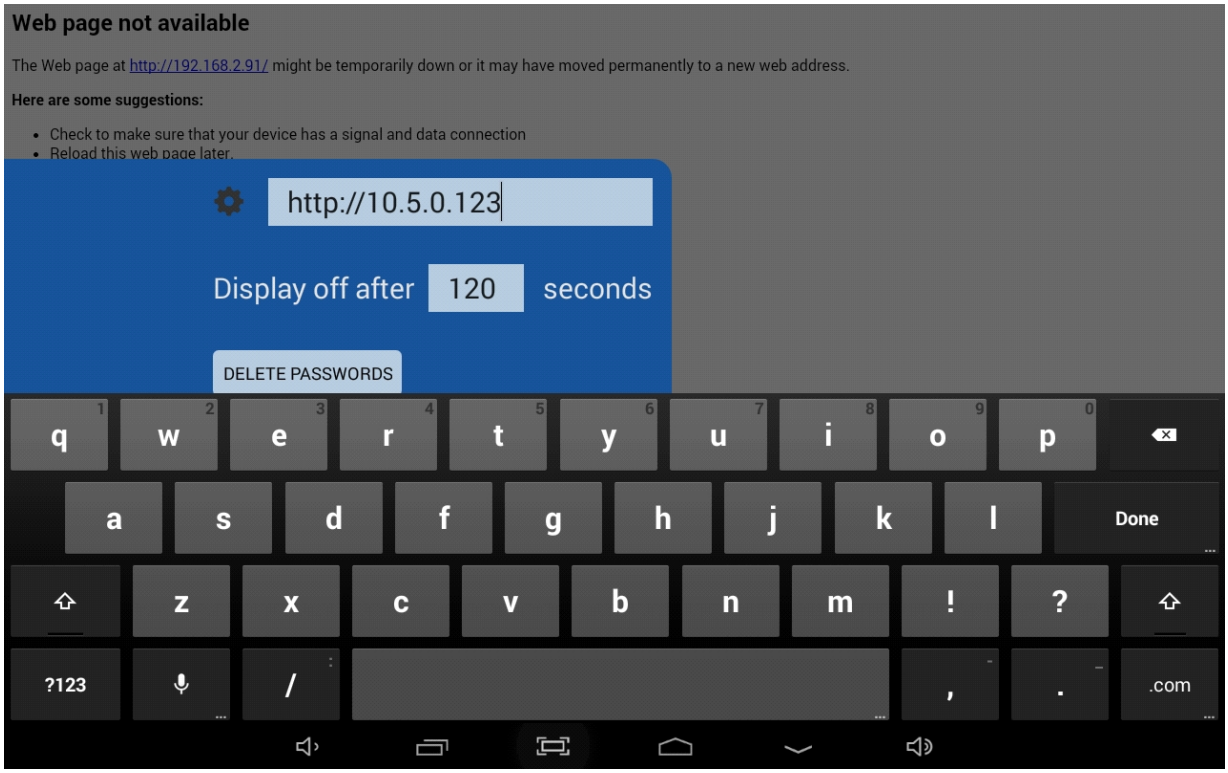
In the Display settings page the system sleep timer can be activated. If so, the screen will be darkened when idle and shuts off the screen entirely. With a simple touch the panel wakes up.



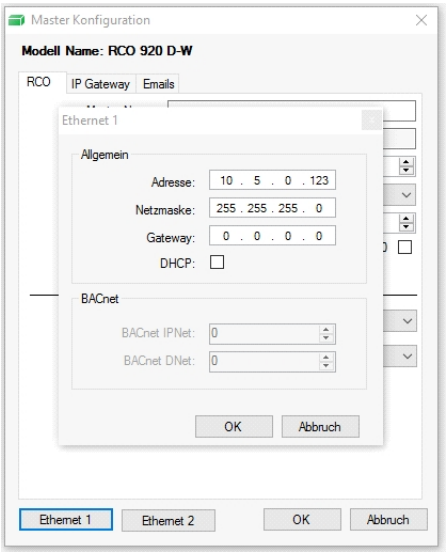
With a click on sleep, several times are selectable.



Connect to a RCO webserver



In this field the IP address of the RCO web server which should be displayed has to be entered using the onscreen keyboard.
Important: „http://“ has to be used in front of the IP adresse.



The RCO controller has to be in the same network as the webpanel.

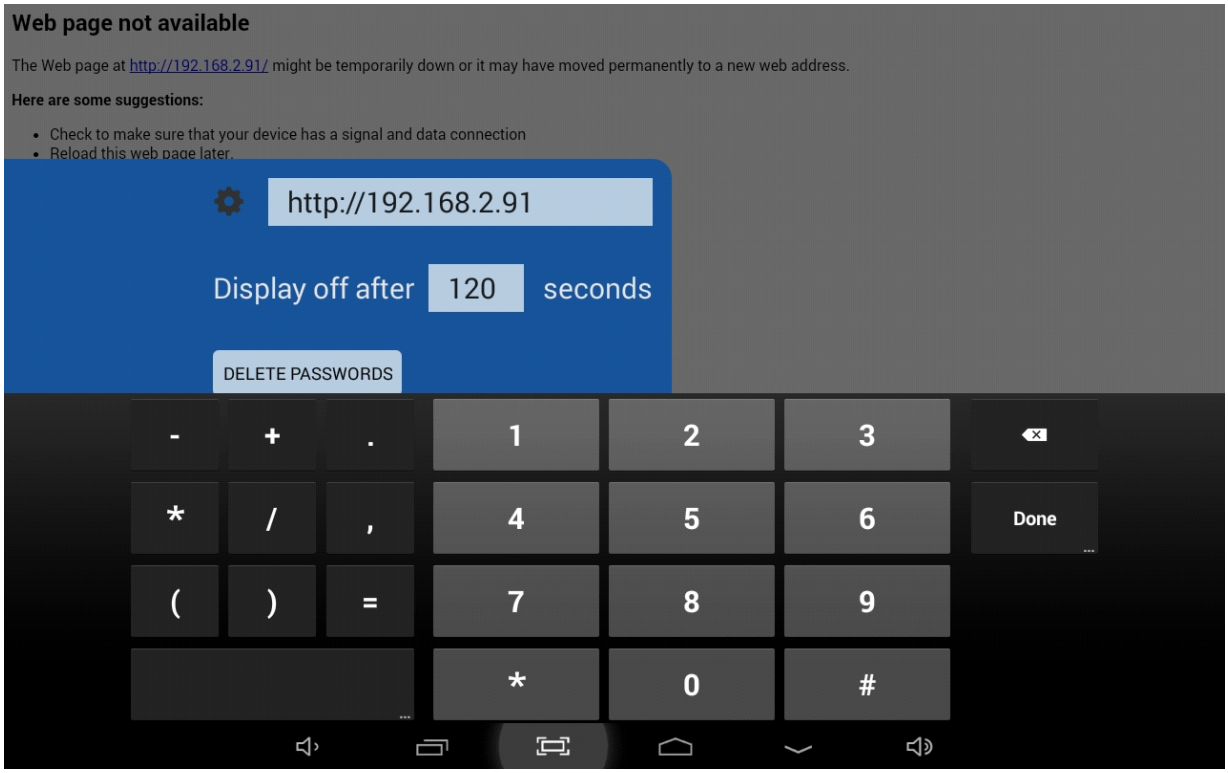
The IP address is the one which is set on the corresponding Ethernet port of the RCO controller.

The address will be stored and recalled at the next restart.

If the address cannot be accessed, the webpanel tries again to connect after 10 seconds.

DHCP should be turned off to allow a smoothly activity.

Display off



If this time is expired the screen is turned off.

A value between 5 and 999 can be entered. If 0 is entered the function is deactivated.
We suggest to use the sleep mode of the device, described before.

Delete Passwords

If the old RCO-Web Authorization required mode is used, and the webpanel connects, the password can be saved. With this button, the saved passwords can be deleted

Stations

With the station configuration up to 20 stations can be configured in the webpanel app.
After power loss, the first station will be opened.
By pressing "stations" the configuration window will be opened.

The IP settings of the app-setup is automatically used for station 1.
With the checkbox on the left of a line, the station can be enabled or disabled. Upon enabling more than one station, the station selection is released.
By clicking on the red X the line can be cleared.

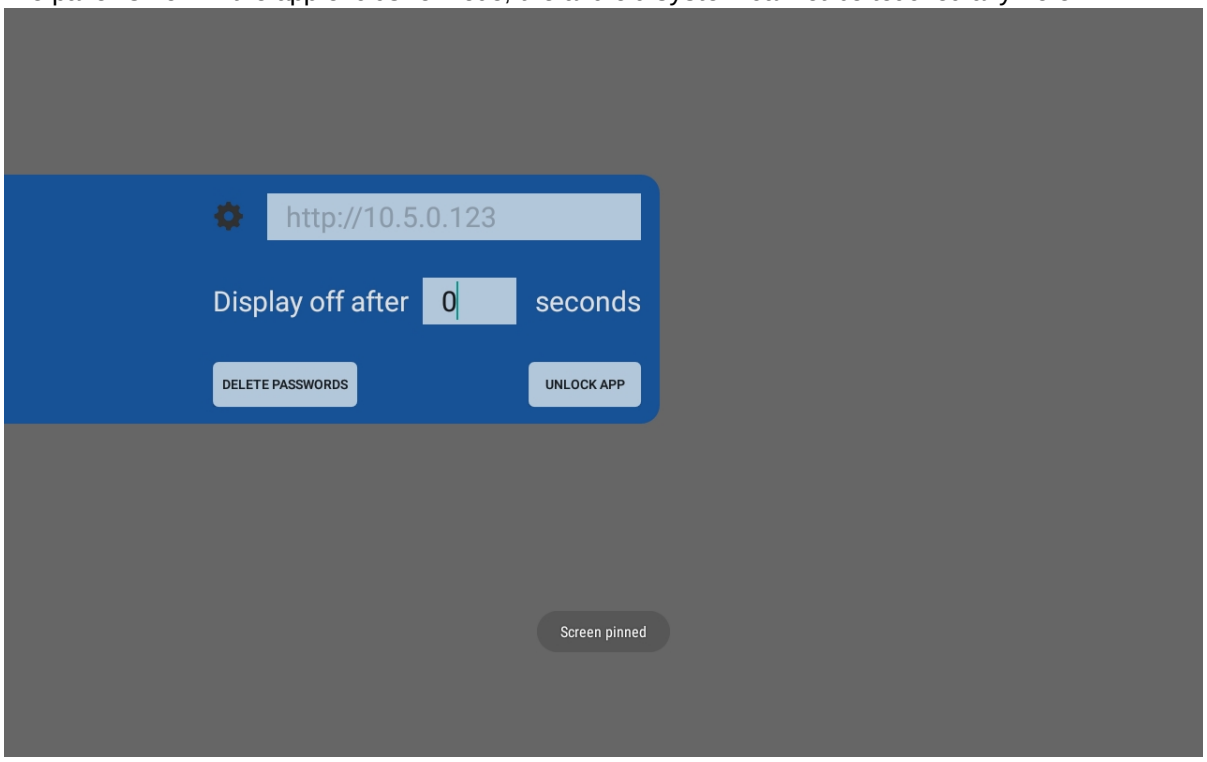
An example configuration for a second station.

To display the station selection, swipe from the right border to the middle of the webpanel.
Every enabled station is displayed with their name.
By pressing on the station, the webpanel openes the corresponding web server.

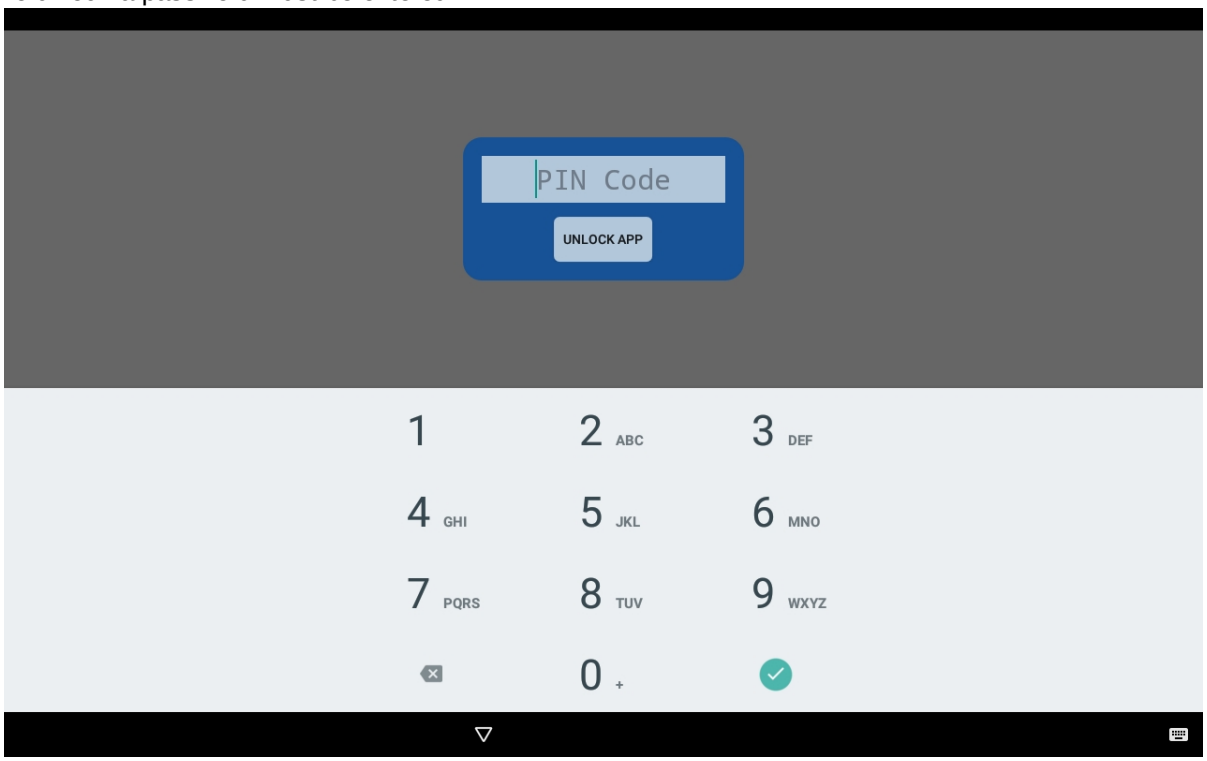
If no station name is given, "station" with the corresponding number is displayed

Lock App

When the Lock App button is pressed, the webpanel can be locked against faulty use of the device.
Once activated, the settings will be locked and at the bottom of the screen "screen pinned" will flash.
The panel is now in the app exclusive mode, the android system cannot be touched anymore.



In lock mode, the button turns to "unlock app".
To unlock a password must be entered.



The password is 1337.
On unlocking, "screen unpinned" flashes at the bottom.