

People Counter Dashboard

Inhaltsverzeichnis	
1 Prepare KBOX A-330-RPI	1
1.1 Download image	1
1.2 Copy image to the Micro SD Card	1
2 Setup XOVIS cameras	2
2.1 Add XOVIS cameras	2
2.2 Delete API cameras	2
3 Setup Areas	3
3.1 Add Areas.	3
3.2 Delete Areas.	5
4 Setup Relay Controllers	6
4.1 Add Relay Controllers	6
4.2 Delete Relay Controllers	7
5 Setup Output Signals of Relay Controller	7
5.1 Add Output Signals	7
5.2 Delete Output Signals	8
6 Upload files to the server	8
6.1 Add Files.	8
6.2 Show uploaded image files.	9
6.3 Delete Files.	9
7 Users	10
7.1 Add a user	10
7.2 Change user credentials	11
7.3 Remove a user	12

Prepare KBOX A-330-RPI

Download image

Version	Download Link
1.3.0.1	http://nas0.dnsalias.com:5000/sharing/wZzteL0s7

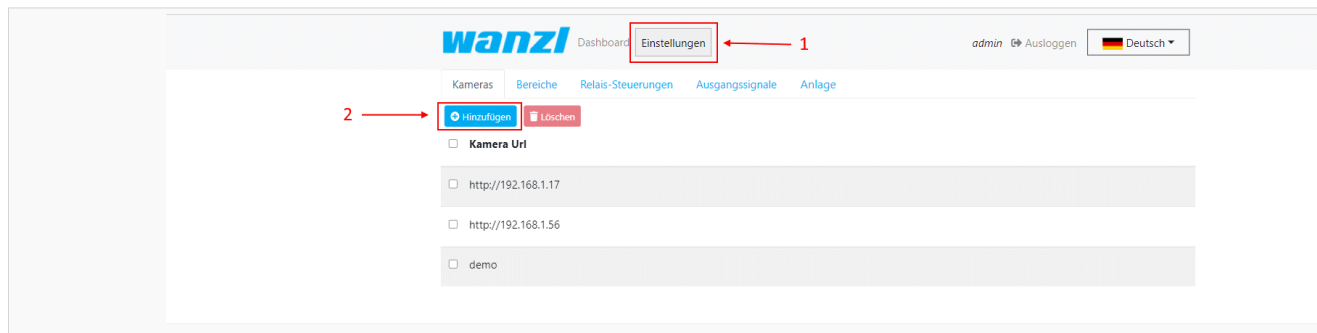
Copy image to the Micro SD Card

1. Download an image from the table above
2. Extract an archive
3. Use utility **HDDRawCopy1.10Portable** from the archive to copy the image on the Micro SD Card

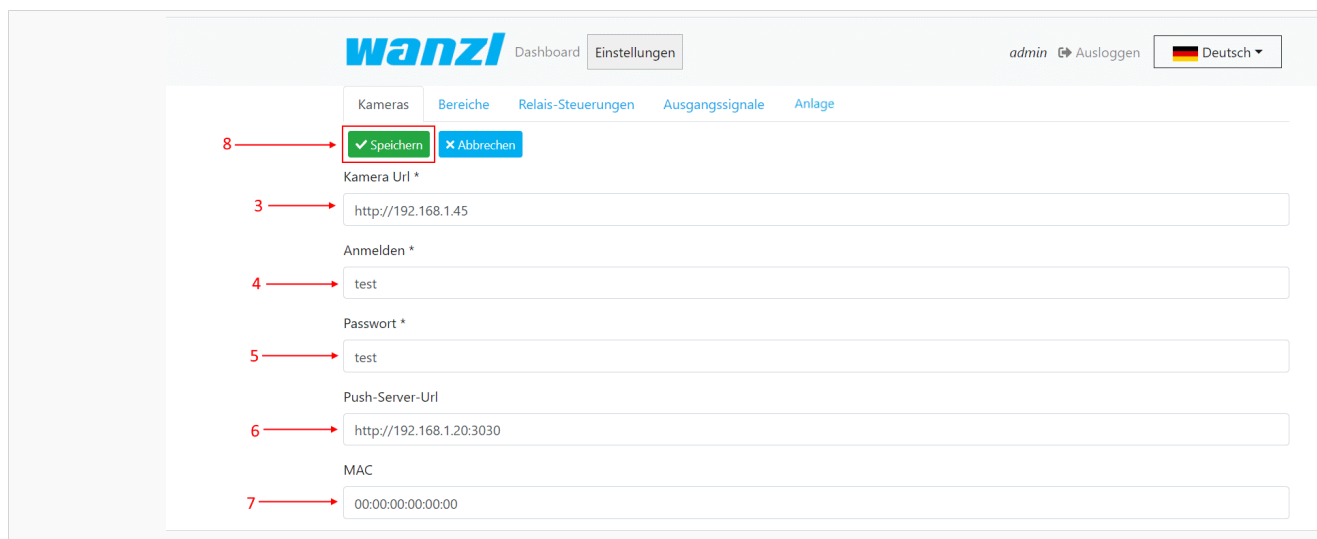
Setup XOVIS cameras

Add XOVIS cameras

1. To add a new XOVIS camera, you firstly need to select the **Settings** tab.
2. Click on the **Add** button.



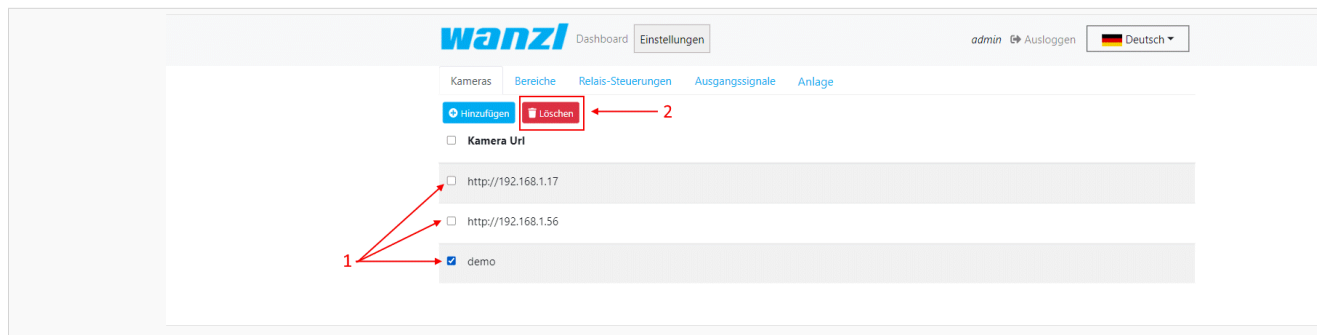
3. Here you should specify the camera URL.
4. Specify a login to access the camera.
5. Specify a password to access the camera.
6. In this field specify the URL of your server (this field will be used for PUSH notification configuration on the camera side).
7. Here, specify the MAC of your camera.
8. Save it.



Delete API cameras

1. To remove unwanted cameras, mark them.

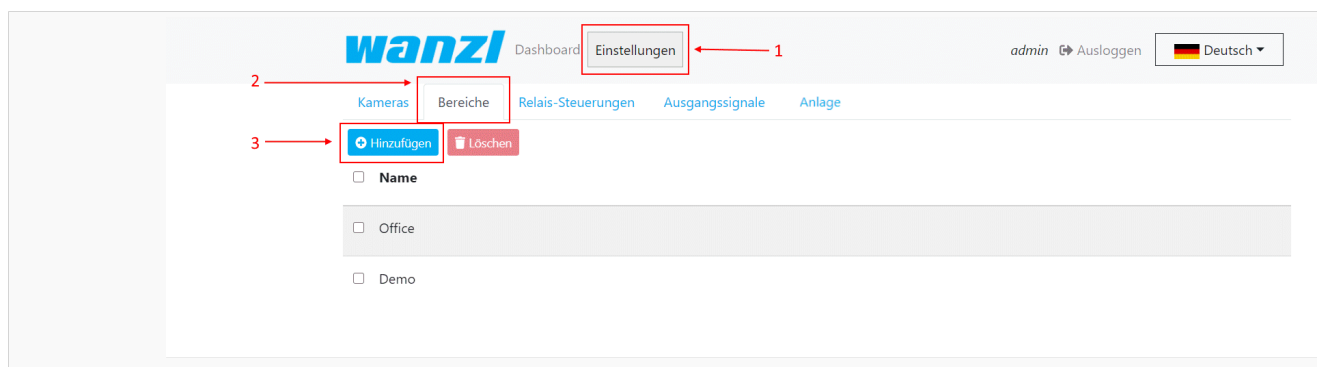
2. **Be careful! Do not remove a cameras that are used.** Click on the **Delete** button.



Setup Areas

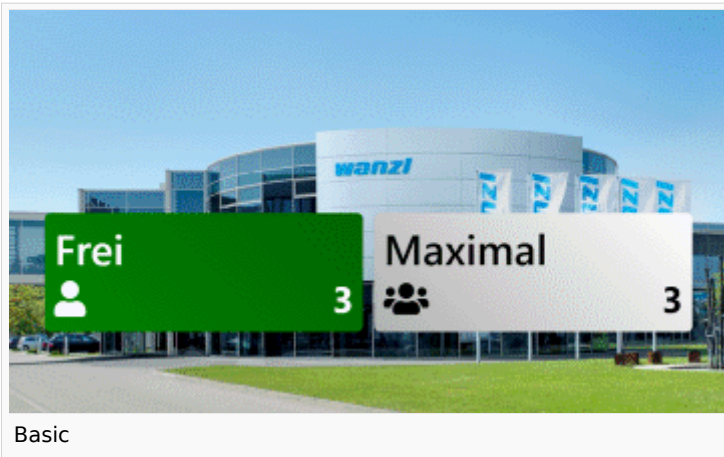
Add Areas.

1. Add a new area, you firstly need to go to **Settings**.
2. Select the **Areas** tab.
3. And Then click on the **Add** button.



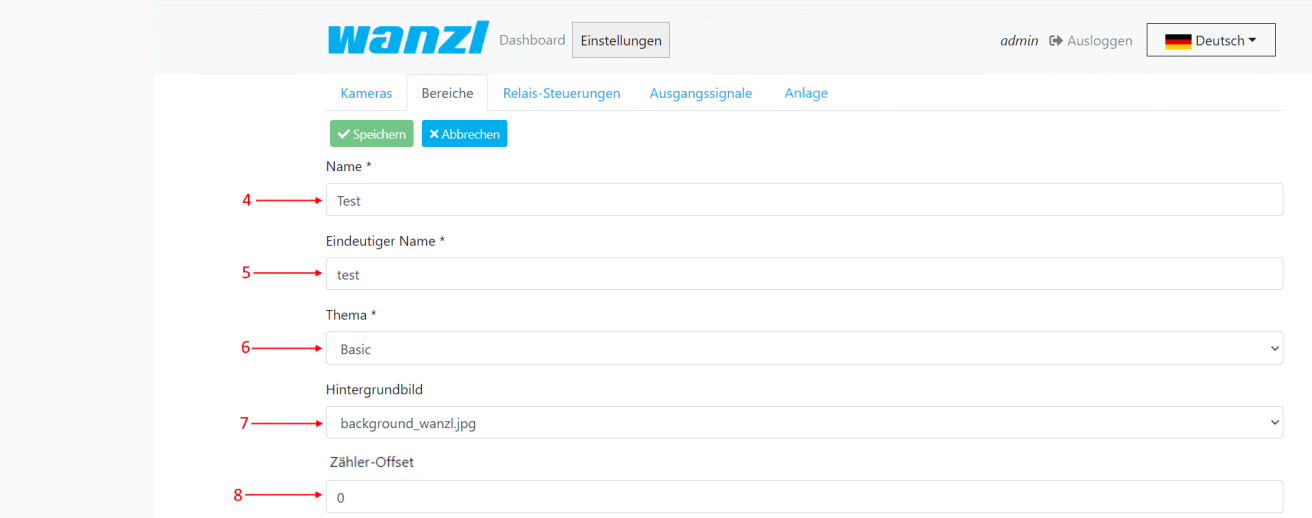
4. Enter here the name of the area.
5. Here you should specify a unique name without spaces and starts with a lowercase letter. This is a service field. For example: If you specified the name "Test", you can specify a unique name "test".

6. Here you can select a theme for the area display. For example:



7. Here you can choose the background for the "Basic" theme. If you want to add an image, you should upload it up to the server. More details on the link upload files

8. This field can be used in case if you want to specify an Offset for counter(for example when people are already in the area, but camera's counter is zero).

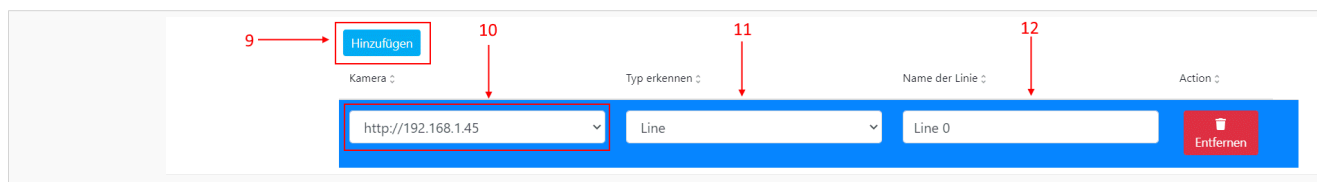


9. Click on the **Add** button to add a camera.

10. Select the camera that was added earlier. If you do not know how to add a camera to click on this link setup XOVIS cameras

11. Choose the detect type.

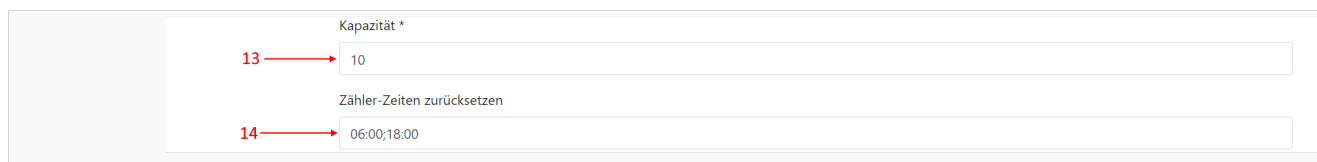
12. Enter the name line.



The screenshot shows a form for adding a camera. A blue button labeled 'Hinzufügen' is highlighted with a red box and labeled '9'. Below it, the 'Kamera' dropdown menu is set to 'http://192.168.1.45' and is labeled '10'. The 'Typ erkennen' dropdown menu is set to 'Line' and is labeled '11'. The 'Name der Linie' text input field contains 'Line 0' and is labeled '12'. To the right, there is a red 'Entfernen' button.

13. Here we specify the maximum capacity of the number of people.

14. Here you can specify the schedule restart counter time. If you need to specify more than 2 values, be sure to separate them with a semicolon.



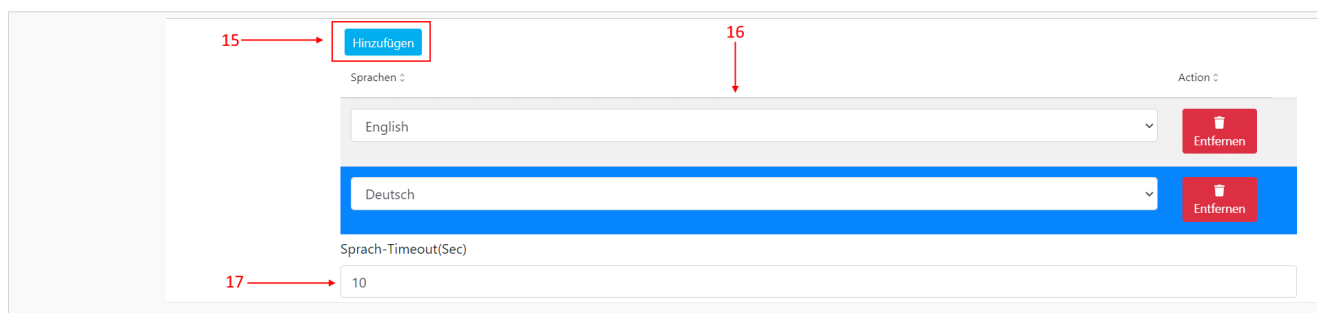
The screenshot shows two input fields. The first is labeled 'Kapazität *' and contains the value '10', with a red arrow pointing to it labeled '13'. The second is labeled 'Zähler-Zeiten zurücksetzen' and contains the value '06:00;18:00', with a red arrow pointing to it labeled '14'.

If you need to change the text translation on Area by interval:

15. To add the ability to select a language, click the **Add** button as many times as you need the languages.

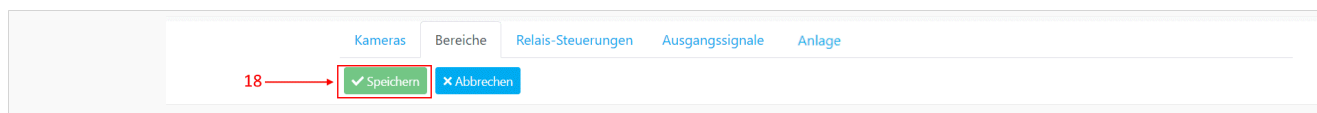
16. Choose a language.

17. Enter the language switching interval in seconds.



The screenshot shows a form for adding a language. A blue button labeled 'Hinzufügen' is highlighted with a red box and labeled '15'. Below it, the 'Sprachen' dropdown menu is set to 'Deutsch' and is labeled '16'. To the right, there is a red 'Entfernen' button. Below the dropdown menu, the 'Sprach-Timeout(Sec)' text input field contains the value '10' and is labeled '17'.

18. And save it.

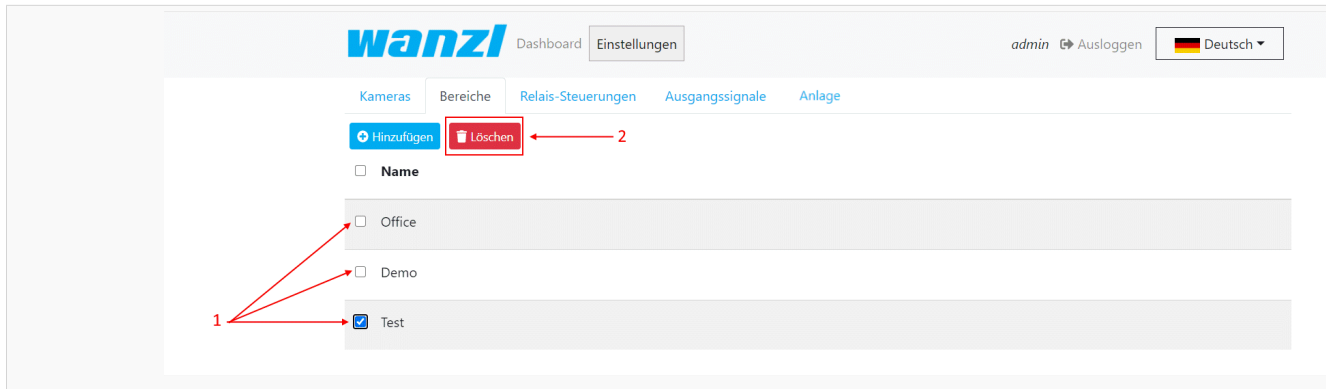


The screenshot shows a navigation bar with tabs: 'Kameras', 'Bereiche', 'Relais-Steuerungen', 'Ausgangssignale', and 'Anlage'. Below the tabs, there are two buttons: a green 'Speichern' button with a checkmark icon, highlighted with a red box and labeled '18', and a blue 'Abbrechen' button with an 'X' icon.

Delete Areas.

1. To remove unwanted Areas, mark them.

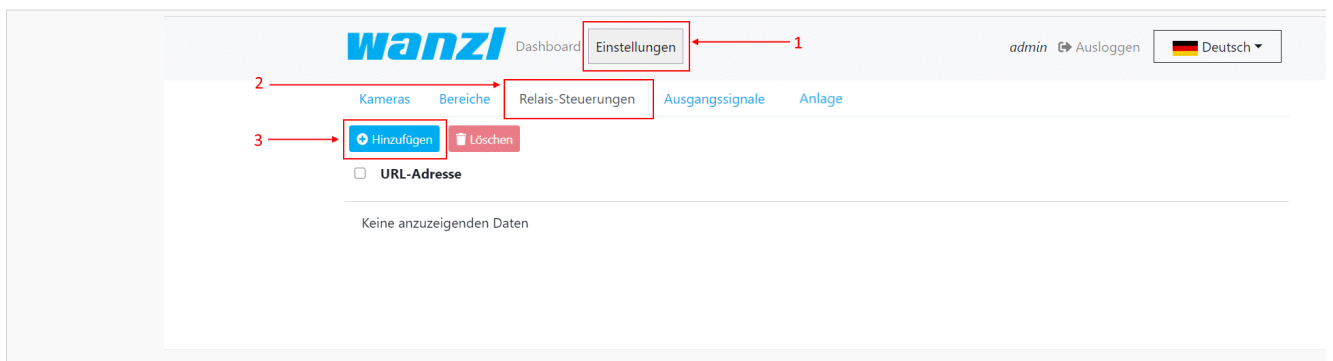
2. And then click on the **Delete** button.



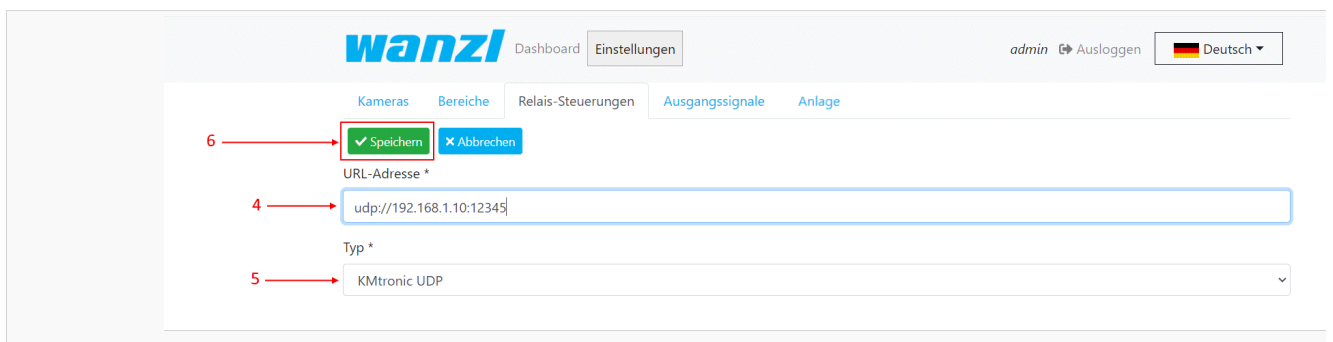
Setup Relay Controllers

Add Relay Controllers

1. To add a new relay controller, you firstly need to select the Settings tab.
2. Select the **Relay Controllers** tab.
3. And then click on the **Add** button.

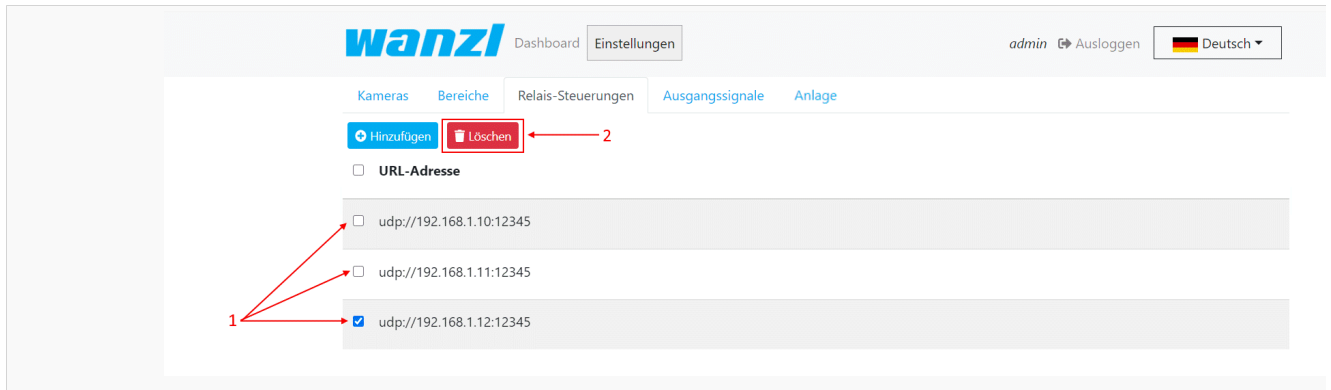


4. Here you should specify the relay controller URL.
5. Select the type of relay controller communication protocol.
6. And Save it.



Delete Relay Controllers

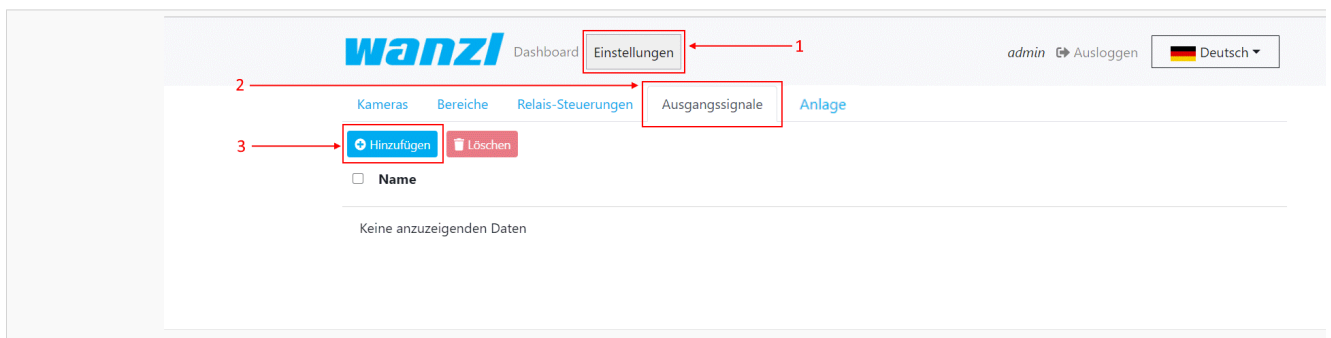
1. To remove unwanted cameras, mark them.
2. **Be careful! Do not remove Relay Controllers that are used.** Click on the **Delete** button.



Setup Output Signals of Relay Controller

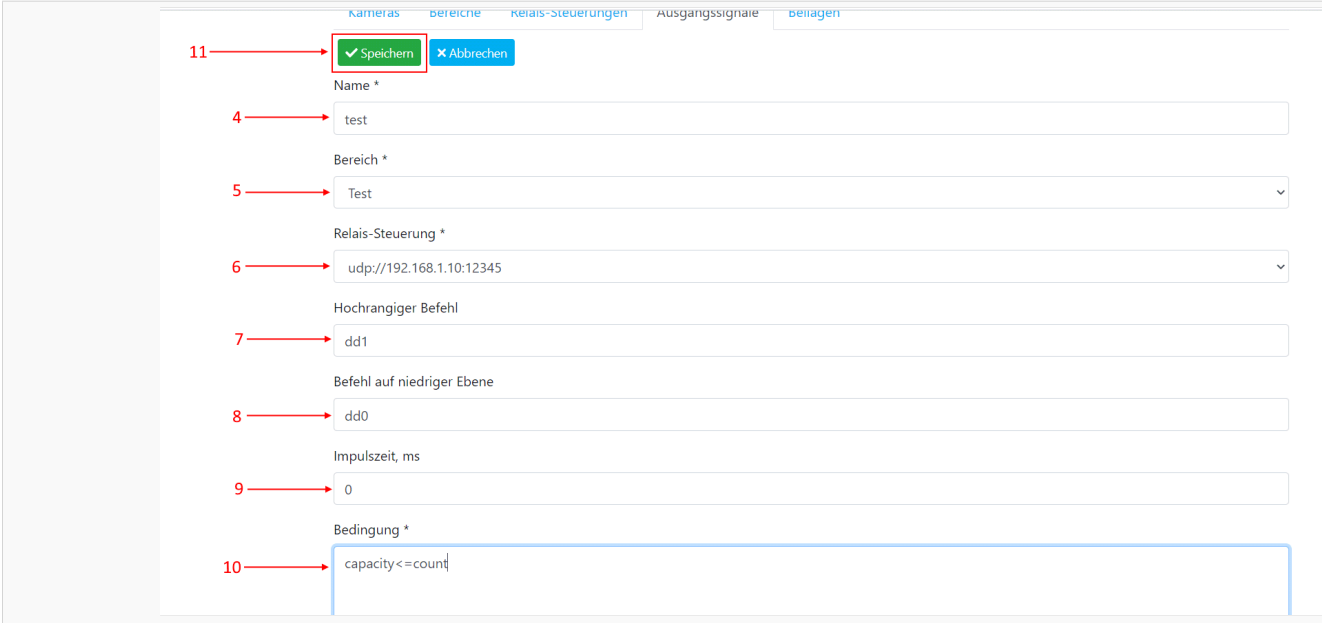
Add Output Signals

1. To add a new relay controller, you firstly need to select the Settings tab.
2. Select the **Output Signals** tab.
3. And Then to click on the **Add** button.



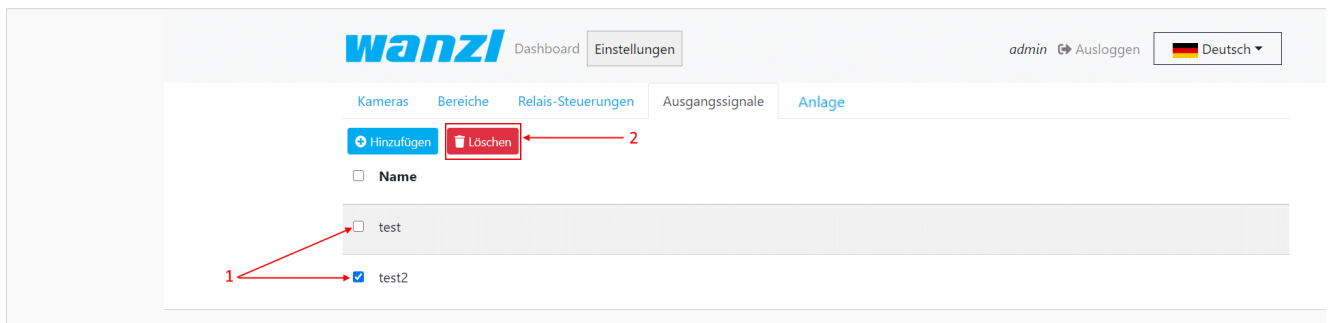
4. Enter here the name of the output signal.
5. Here you should select an area.
6. Here you should choose the relay controller URL.
7. Insert the command of a high level of the relay controller.
8. Insert the command of a low level of the relay controller.
9. Here you can specify transition delay time.
10. This field is necessary to specify the condition of relay triggering.

11. Save it.



Delete Output Signals

1. To remove unwanted cameras, mark them.
2. Click on the **Delete** button.

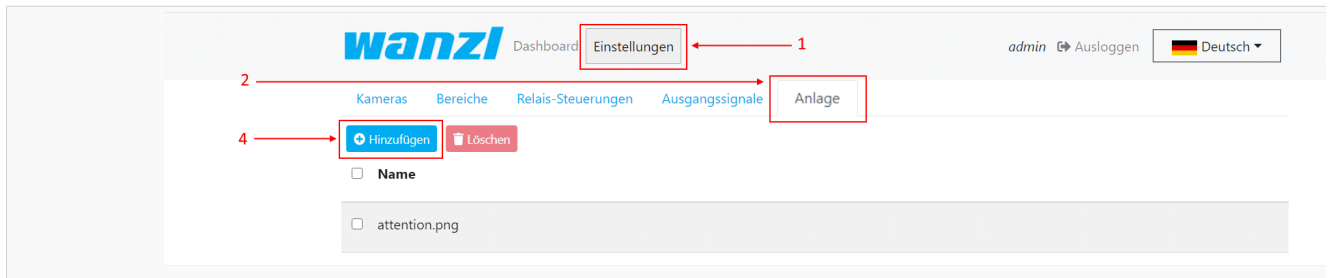


Upload files to the server

Add Files.

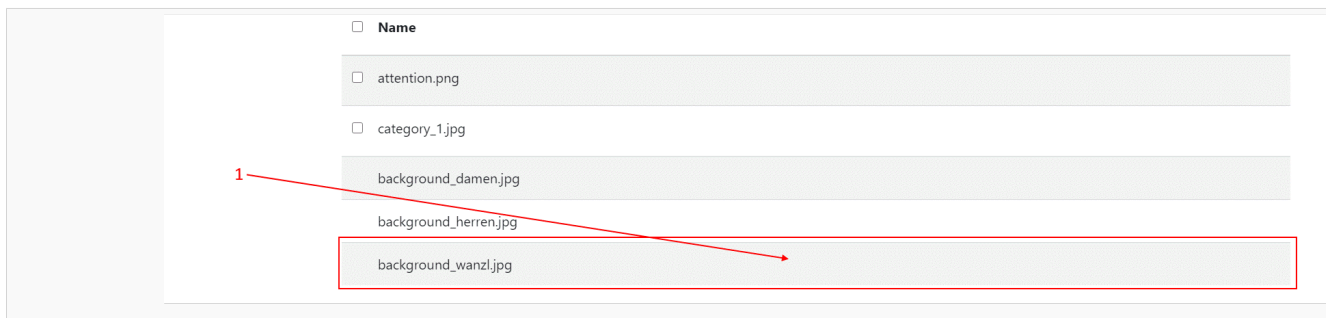
1. Add a new area, you firstly need to go to **Settings**.
2. Select the **Assets** tab.

3. And then click on the **Add** button and select a file on your file system. If a file is uploaded to the server, you can see it in the file list.



Show uploaded image files.

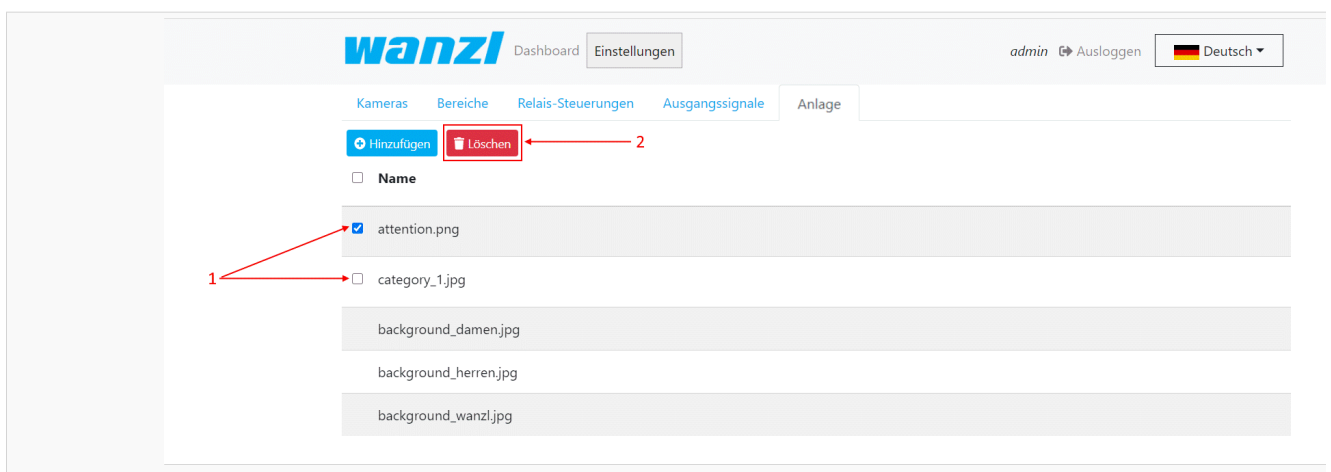
1 If you want to see image files just click on the file list area.



Delete Files.

1. To remove unwanted files on the server, mark them. Preset files can't be deleted.

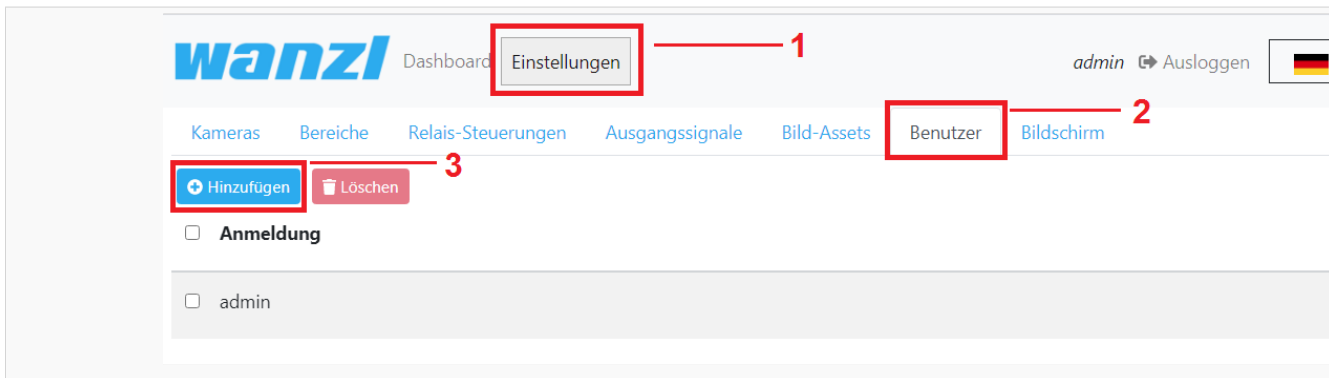
2. Be careful! Do not remove files that are used. And then click on the **Delete** button.



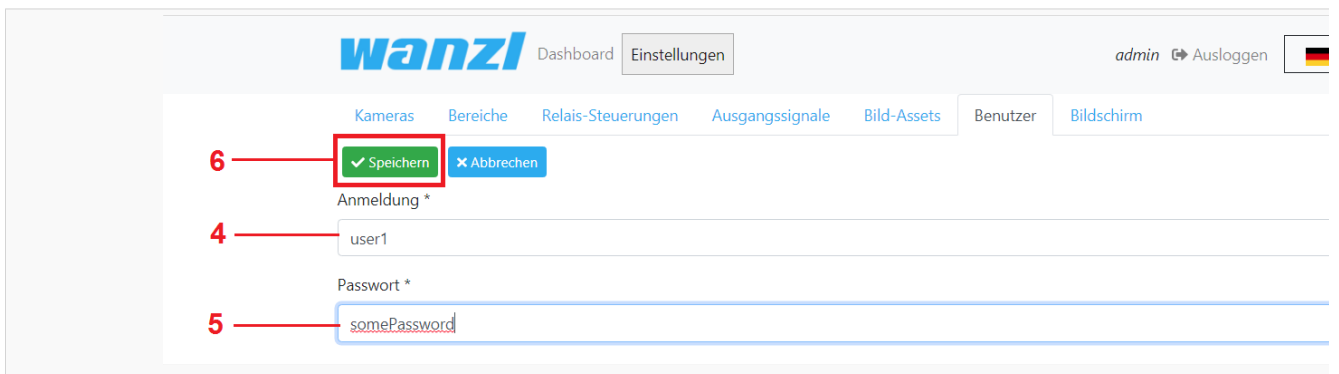
Users

Add a user

1. To add a new user, you firstly need to select the **Settings** tab.
2. Click on the **User/ Benutzer** tab.
3. Then click on the **Add/ Hinzufügen** button.

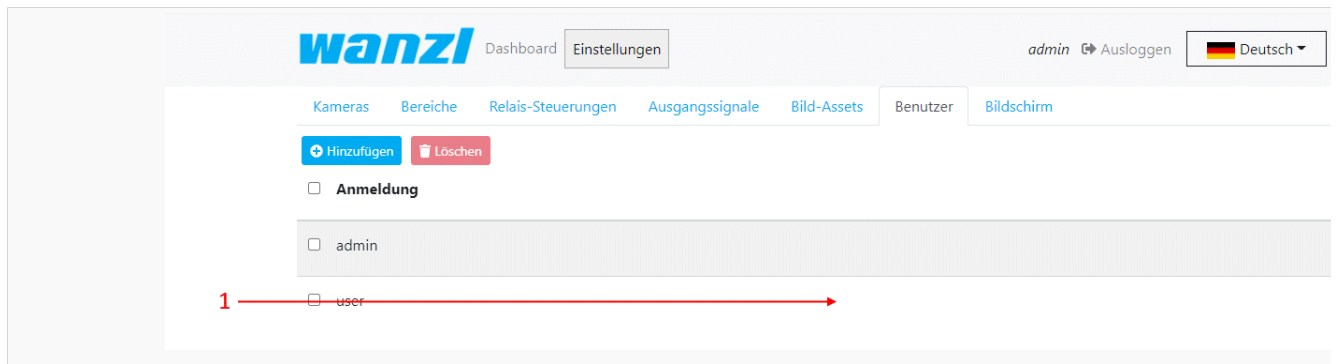


4. In this field you should specify **Login/** for a new user.
5. In this field you should specify **Password/** for a new user.
6. Click on the **Save/ Speichern** button to complete the adding of new user.

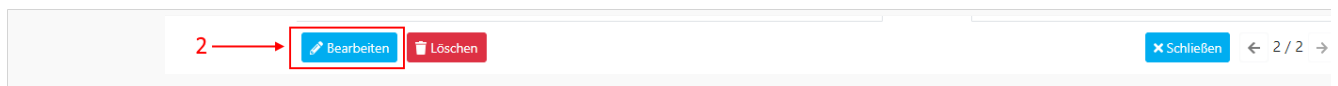


Change user credentials

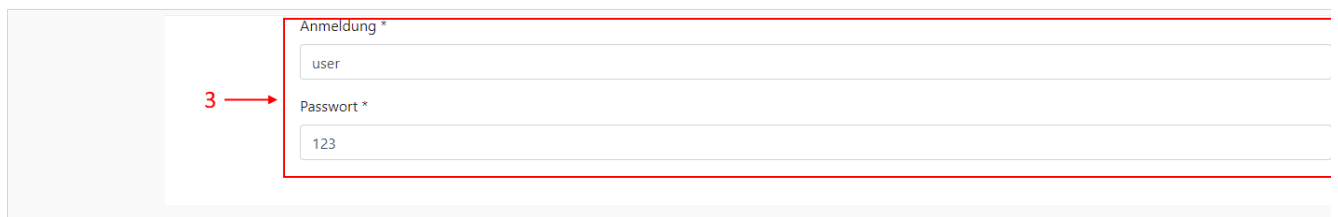
1 If you want to change user data just click on the user list area.



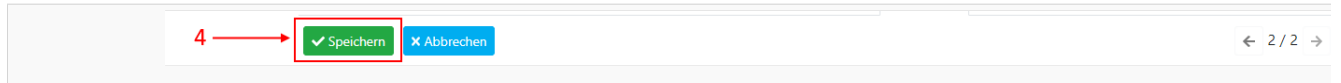
2 Then click on the *Edit*/ *Hinzufugen* button.



3. After that you can change user data.



4. And save the changes.



A screenshot of a web form. On the left, the number '4' is followed by a red arrow pointing to a green button labeled 'Speichern' with a checkmark icon. To the right of this button is a blue button labeled 'Abbrechen' with an 'X' icon. On the far right of the form, there is a navigation indicator: '← 2 / 2 →'.

Remove a user
