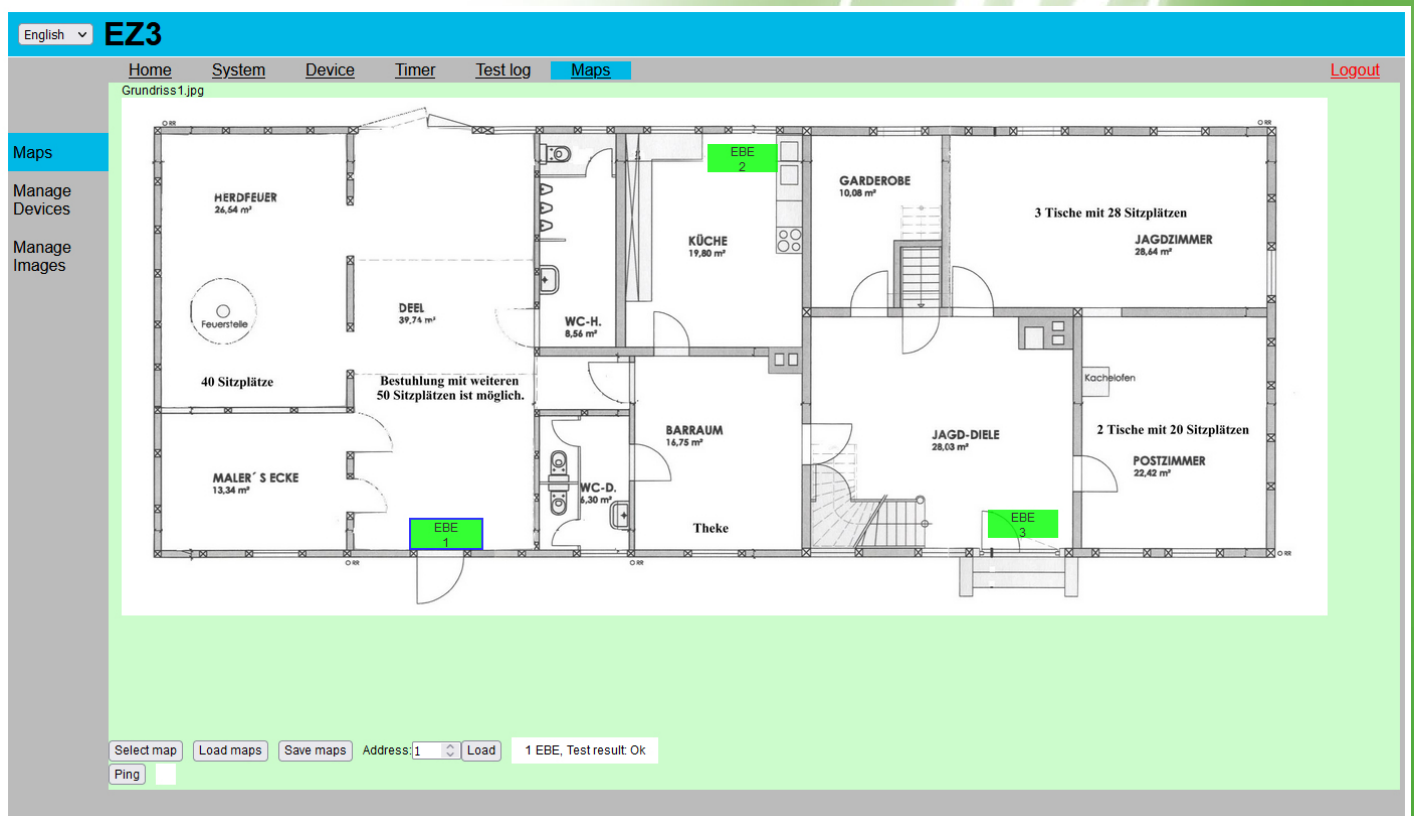


Instruction manual EZ3

Option

Web server



August 2019

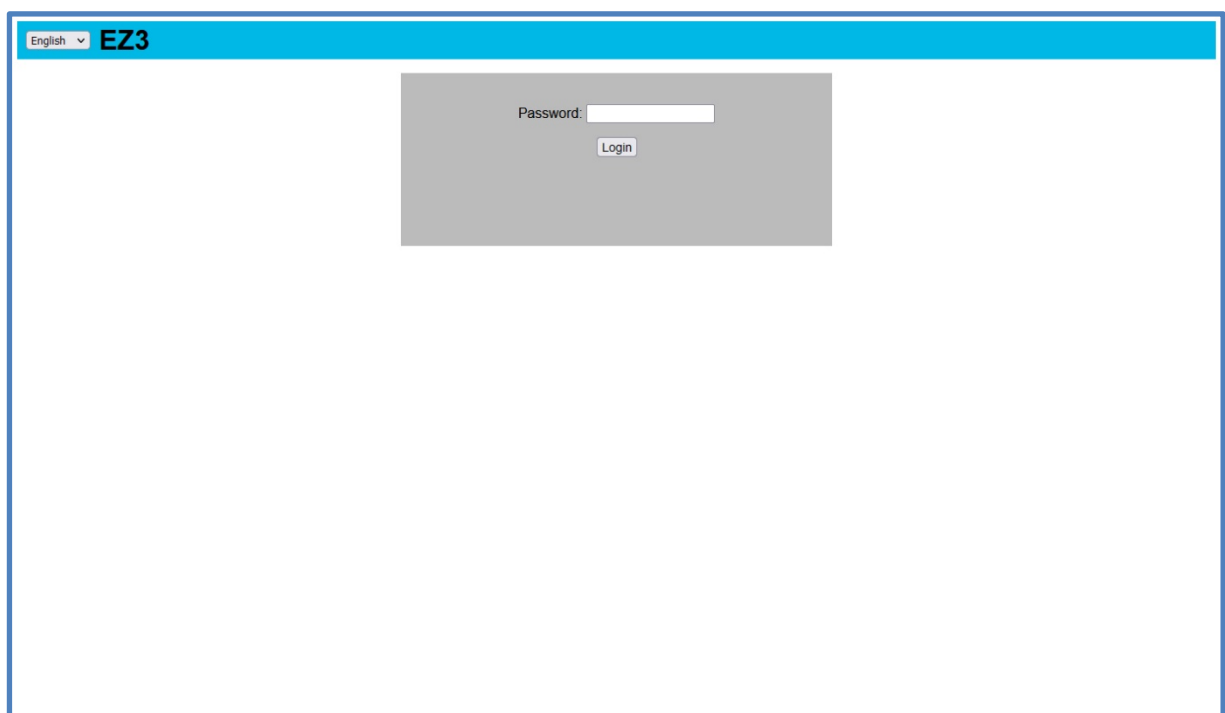
The network settings for the web server are made in the System menu (Network settings) of the EZ3. Here there is the option of automatic setting (DHCP) or manual setting of the network addresses. In case of manual setting, the device IP and the netmask must be entered. Gateway and DNS IP are optional. All settings must be confirmed individually.

The standard port 8080 is used, so it is sufficient to enter the IP address. An existing name server assigns the device name EZ3 with a pictogram logo.

The web server needs about two minutes after power-on until it is ready. The display in the EZ3 then changes from "Web server not ready" to "Waiting, Ready".

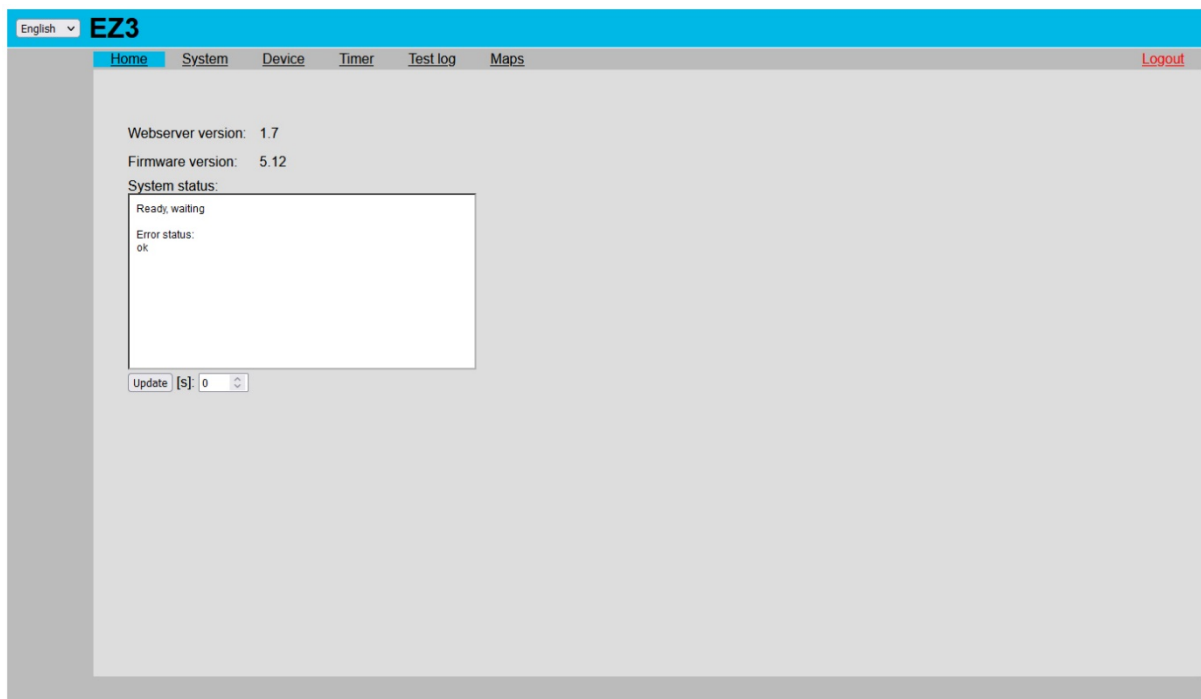
In the login screen, the login via password is required. The factory setting is "12345". After logging in, the password can be changed in the system menu of the web server. The language setting is made in the upper left corner. At the moment only German and English are supported.

All common browsers like Firefox, Microsoft Edge, Google Chrome and Opera are supported. The outdated Internet Explorer from Microsoft takes a different formatting and should not be used anymore.



After "logging in", there is an automatic "logging out" if there is no operation within 15 minutes.

After logging in, the overview menu is displayed. In the status window you can monitor the system status and any running processes. Below the status window you can set a value for an automatic update of the web server to the second. Without this update (value 0) the web server represents only a static information and must be updated manually (change of the web server area or "Refresh").



In addition to the overview page, further web server areas can be selected via the map tabs:

- **System** with all system-specific settings
- **Device** with all settings and operations of the connected EmLOC devices.
- **Timer** for the automatic controls of the EmLOC devices
- **Test book** with all test results and the possibility of printout
- **Plans for** visualization of device positions

Within the system settings there are several submenus (left). In the "Addresses" area, the address range in the system is set (first and last address).

The screenshot shows the EZ3 system settings interface. The top navigation bar includes a language dropdown set to 'English', the title 'EZ3', and tabs for 'Home', 'System' (selected), 'Device', 'Timer', 'Test log', and 'Maps'. A 'Logout' link is in the top right. On the left sidebar, the 'Addresses' submenu is highlighted. The main content area for 'Addresses' contains two spinners: 'First' set to 1 and 'Last' set to 20, with a 'Set' button below them. Other submenus listed on the left include 'Date/Time', 'Alarm', 'Status', 'Auto test', 'Life test', 'Name', and 'Password'.

At "Date/Time" the current settings and the activation of the daylight saving time changeover take place.

The screenshot shows the EZ3 system settings interface with the 'Date/Time' submenu selected. The top navigation bar is identical to the previous screenshot. The left sidebar now highlights 'Date/Time'. The main content area for 'Date/Time' displays date and time settings: 'Day' (17), 'Month' (6), 'Year' (2021), 'Hour' (16), 'Minute' (21), and 'Second' (57), each with a spinner. Below these is a 'Set' button and a 'Daylight Saving Time' section with radio buttons for 'Auto' (selected) and 'Off'. An empty text input field is located at the bottom of the settings area.

At "Alarm" the function of the alarm contact can be selected and the address of an optional alarm switching module can be chosen.

The screenshot shows the EZ3 web interface with the 'System' tab selected. The left sidebar contains a list of configuration categories: Addresses, Date/Time, Alarm, Status, Auto test, Life test, Name, and Password. The 'Alarm' category is currently selected and highlighted in blue. The main content area displays the 'Alarm relay' configuration options, which include four radio buttons: 'Always off', 'Off on alarm', 'On on alarm' (which is selected), and 'Always on'. Below these options is a field for 'Alarmmoduleaddress' with a value of '0' and a 'Set' button. A large empty text box is visible at the bottom of the main content area.

In the status area the setting of the address search variant and the times for ring status (permanent status) and bus watchdog is done.

The screenshot shows the EZ3 web interface with the 'System' tab selected. The left sidebar contains a list of configuration categories: Addresses, Date/Time, Alarm, Status, Auto test, Life test, Name, and Password. The 'Status' category is currently selected and highlighted in blue. The main content area displays the 'Status' configuration options, which include two radio buttons for 'Address search mode': 'Fast' and 'Standard' (which is selected). Below these options is a field for 'Searching f. new Adr.' with a value of '0' and a 'Set' button. Further down, there are two radio buttons for 'Permanent status check': 'Off' (which is selected) and 'On'. Below these are two fields for time settings: 'Ringstatus pause [s]' with a value of '0' and a 'Set' button, and 'Bus watchdog [s]' with a value of '0' and a 'Set' button. A large empty text box is visible at the bottom of the main content area.

In the "Auto test" menu, the test time can be configured and the test can also be triggered directly.

The screenshot shows the EZ3 web interface with the 'Auto test' menu selected in the left sidebar. The main content area contains the following configuration options:

- Test interval:
- Day of test:
- Time of test: Hour: Minute:
- Buttons:
- Name:
- Password:

Analogous to the auto test, the time for the capacity test is set in the Operating duration test menu. Here, too, the test can be triggered directly.

The screenshot shows the EZ3 web interface with the 'Life test' menu selected in the left sidebar. The main content area contains the following configuration options:

- Duration:
- Date of test: Month: Day:
- Date of test: Hour: Minute:
- Buttons:
- Name:
- Password:

An instance name can be entered in the "Name" menu, which is then displayed in the center of the blue bar.

The screenshot shows the EZ3 web interface. At the top, there is a blue header bar with a language dropdown set to 'English' and the text 'EZ3'. Below the header is a navigation bar with tabs: 'Home', 'System' (highlighted in blue), 'Device', 'Timer', 'Test log', and 'Maps'. A 'Logout' link is visible in the top right corner. On the left side, there is a vertical menu with options: 'Addresses', 'Date/Time', 'Alarm', 'Status', 'Auto test', 'Life test', 'Name' (highlighted in blue), and 'Password'. The main content area is light gray and contains a 'System name:' label followed by a text input field and a 'Set' button.

The password menu allows you to enter a new password.

The screenshot shows the EZ3 web interface with the 'Password' menu selected. The top header and navigation bar are identical to the previous screenshot. The left vertical menu has 'Password' highlighted in blue. The main content area is light gray and contains two text input fields labeled 'Current password:' and 'New password:', followed by a 'Change' button. There is also an empty text input field below the 'Change' button.

The "Device" tab opens the device list and the corresponding submenus for device management. The interface is self-explanatory. With "update" the list is read in from the EZ and shows the current configuration of the devices. The location text can be changed here and saved with "change". With "Status" you can query the current status of a device. All

parameters are displayed in the lower window. All devices, which are positioned on a plan, get the remark "Plan". With a click on the note, the address is displayed directly on the associated plan.

Addr.	Grp.	Device	SLCL	TDur.	Test	Location	Change	Status
1	0	EBE	CL	3h	ok	location text 1	Change	Status
2	0	EBE	CL	3h	ok	location text 2	Change	Status
3	0	EBE	CL	3h	ok	location text 3	Change	Status
4	0	EBE	CL	3h	ok	location text 4	Change	Status
5	0	EBE	CL	3h	ok	location text 5	Change	Status
6	0	EBE	CL	3h	ok	location text 6	Change	Status
7	0	EBE	CL	3h	ok	location text 7	Change	Status
8	0	EBE	CL	3h	ok	location text 8	Change	Status
9	0	EBE	CL	3h	ok	location text 9	Change	Status
10	0	EBE	CL	3h	ok	location text 10	Change	Status
11	0	EBE	CL	3h	ok	location text 11	Change	Status
12	0	EBE	CL	3h	ok	location text 12	Change	Status
13	0	EBE	CL	3h	ok	location text 13	Change	Status
14	0	EBE	CL	3h	ok	location text 14	Change	Status
15	0	EBE	CL	3h	ok	location text 15	Change	Status
16	0	EBE	CL	3h	ok	location text 16	Change	Status
17	0	EBE	CL	3h	ok	location text 17	Change	Status
18	0	EBE	CL	3h	ok	location text 18	Change	Status
19	0	EBE	CL	3h	ok	location text 19	Change	Status
20	0	EBE	CL	3h	ok	location text 20	Change	Status

With "Show/Hide" device groups can be activated/deactivated directly.

First: Last:

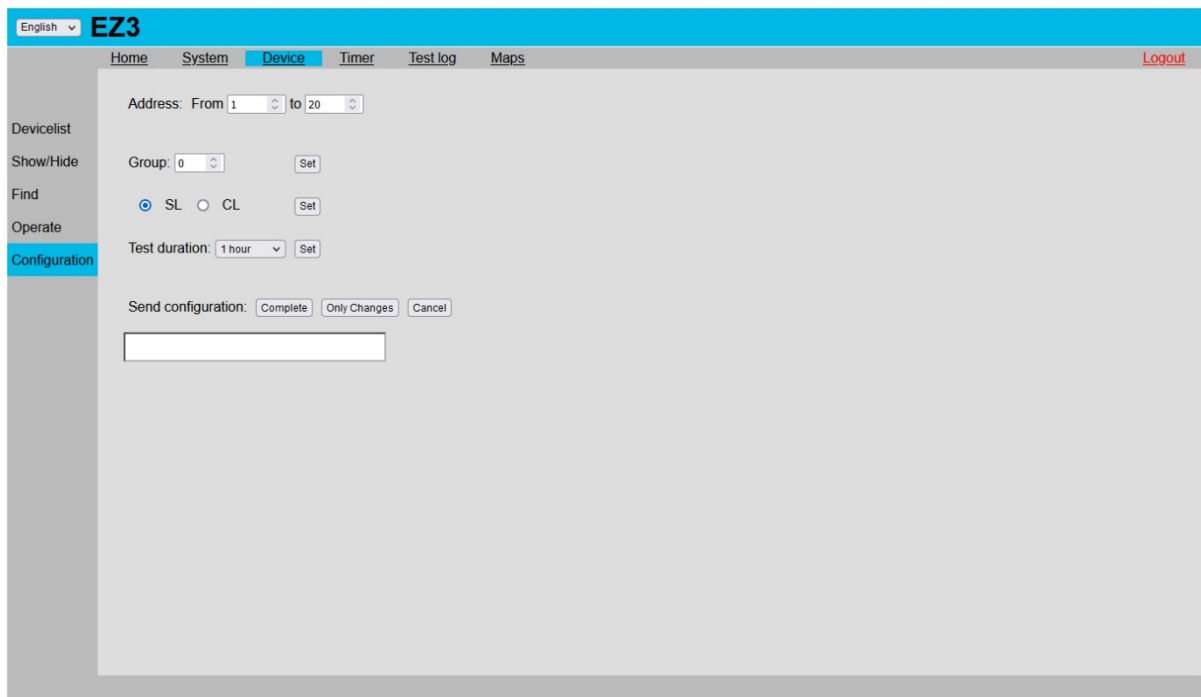
The search function is possible for all devices (new search) or only for unoccupied addresses. Cancellation of the search is also possible.

The screenshot shows the EZ3 web interface with the 'Device' tab selected. The left sidebar contains a menu with 'Find' highlighted. The main area has a 'Search for devices:' section with buttons for 'All devices', 'Hidden devices', and 'Cancel search'. Below these is a large empty text input field.

With the operating function, direct operation of the devices (individual address, group or all) is possible. These are standard functions for testing or troubleshooting.

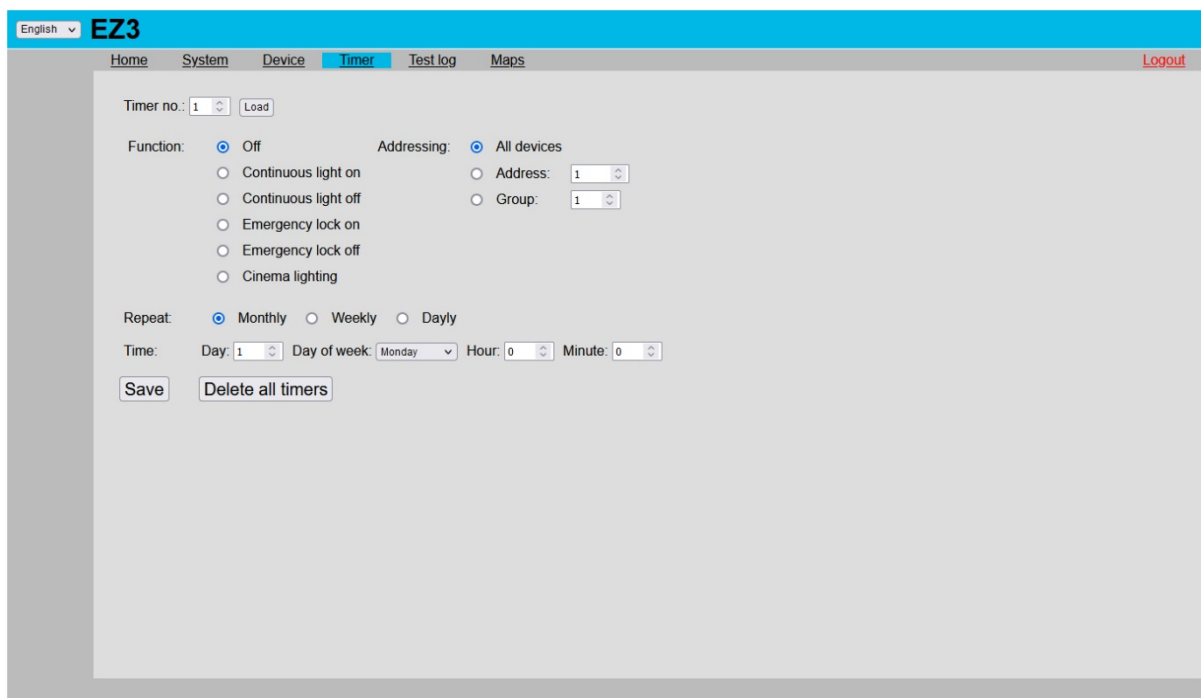
The screenshot shows the EZ3 web interface with the 'Device' tab selected. The left sidebar contains a menu with 'Operate' highlighted. The main area has an 'Addressing:' section with radio buttons for 'All devices', 'Address: 1', and 'Group: 0'. Below this are several test functions: 'Test', 'Life test', 'Continuous light', 'Flash', 'Emergency light', and 'Device', each with 'On' and 'Off' buttons. At the bottom is a large empty text input field.

The configuration area enables group assignment, BS/DS configuration and battery runtime assignment. With "Assign configuration" the parameters are sent to the address modules.



The screenshot shows the 'EZ3' web interface with the 'Configuration' tab selected. The left sidebar contains links: 'Device list', 'Show/Hide', 'Find', 'Operate', and 'Configuration' (highlighted). The main content area has a top navigation bar with 'Home', 'System', 'Device', 'Timer', 'Test log', and 'Maps'. A 'Logout' link is in the top right. The configuration area includes: 'Address: From 1 to 20' with dropdowns; 'Group: 0' with a 'Set' button; radio buttons for 'SL' (selected) and 'CL' with a 'Set' button; 'Test duration: 1 hour' with a 'Set' button; 'Send configuration:' with 'Complete', 'Only Changes', and 'Cancel' buttons; and an empty text input field.

In the timer area the 20 timers can be configured.



The screenshot shows the 'EZ3' web interface with the 'Timer' tab selected. The left sidebar is the same as the previous screenshot. The main content area has the same top navigation bar. The timer configuration area includes: 'Timer no.: 1' with a 'Load' button; 'Function:' with radio buttons for 'Off' (selected), 'Continuous light on', 'Continuous light off', 'Emergency lock on', 'Emergency lock off', and 'Cinema lighting'; 'Addressing:' with radio buttons for 'All devices' (selected), 'Address: 1', and 'Group: 1'; 'Repeat:' with radio buttons for 'Monthly' (selected), 'Weekly', and 'Dayly'; 'Time:' with 'Day: 1', 'Day of week: Monday', 'Hour: 0', and 'Minute: 0'; and 'Save' and 'Delete all timers' buttons.

The test book area contains all test results with date and time, the tested addresses and the individual result of all addresses. For loading time reasons, only one area (here 10 addresses) is displayed at a time. Below the table you can scroll back and forth or change the range.

The screenshot shows the EZ3 web application interface. The top navigation bar includes 'Home', 'System', 'Device', 'Timer', 'Test log' (selected), and 'Maps'. A 'Logout' link is in the top right. The left sidebar has 'Browser' and 'Export' buttons. The main content area is divided into three sections:

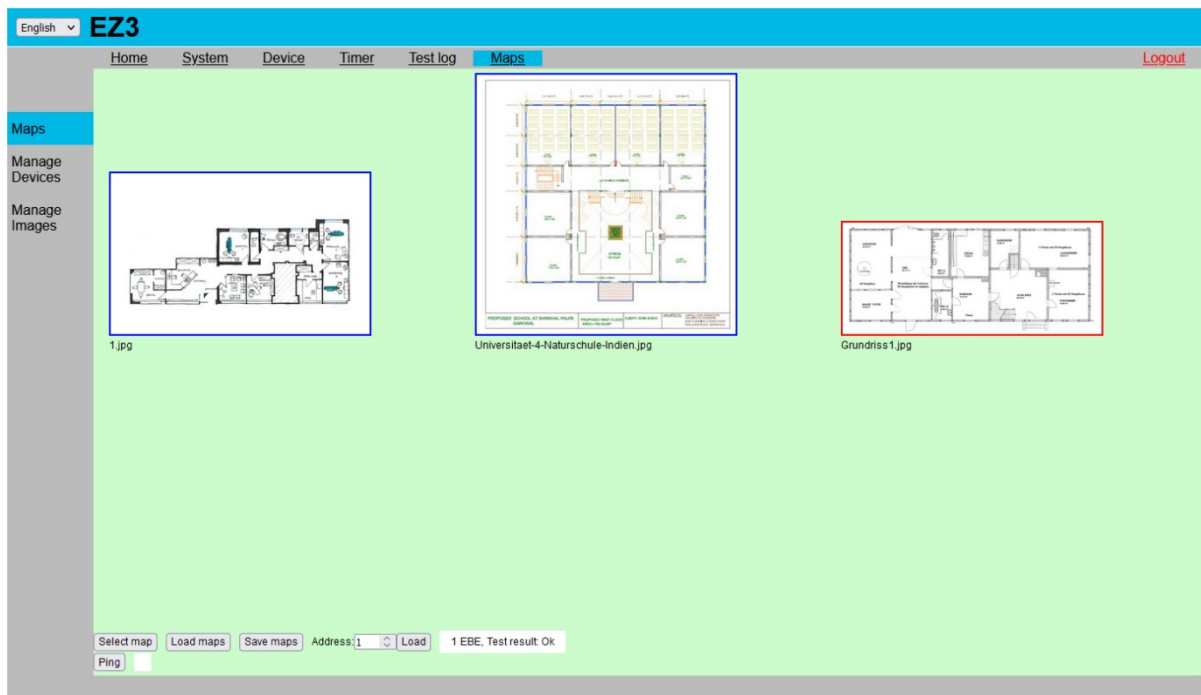
- Test log:** A table with columns: Date, Time, Test, Result, Detail. It shows a list of test entries with dates from 6/17/2021 to 1/6/2021. Each entry has a 'Show' button next to it.
- Test results:** A table with columns: Addr, Device, Duration, Result, Detail. It shows a list of 10 test results for address 1, all with a duration of 00:00:30 and a result of 'Ok'. Each entry has a 'Show' button next to it.
- Device information:** A section displaying details for the selected device (Address: 1, Device type: EBE, Test: Check, Date of test: 6/17/2021 16:14:00, Test duration: 00:00:30, Test result: Ok).

At the bottom of each table, there are navigation controls: 'Top', 'Next', 'Back', and a 'Number' dropdown menu set to 10.

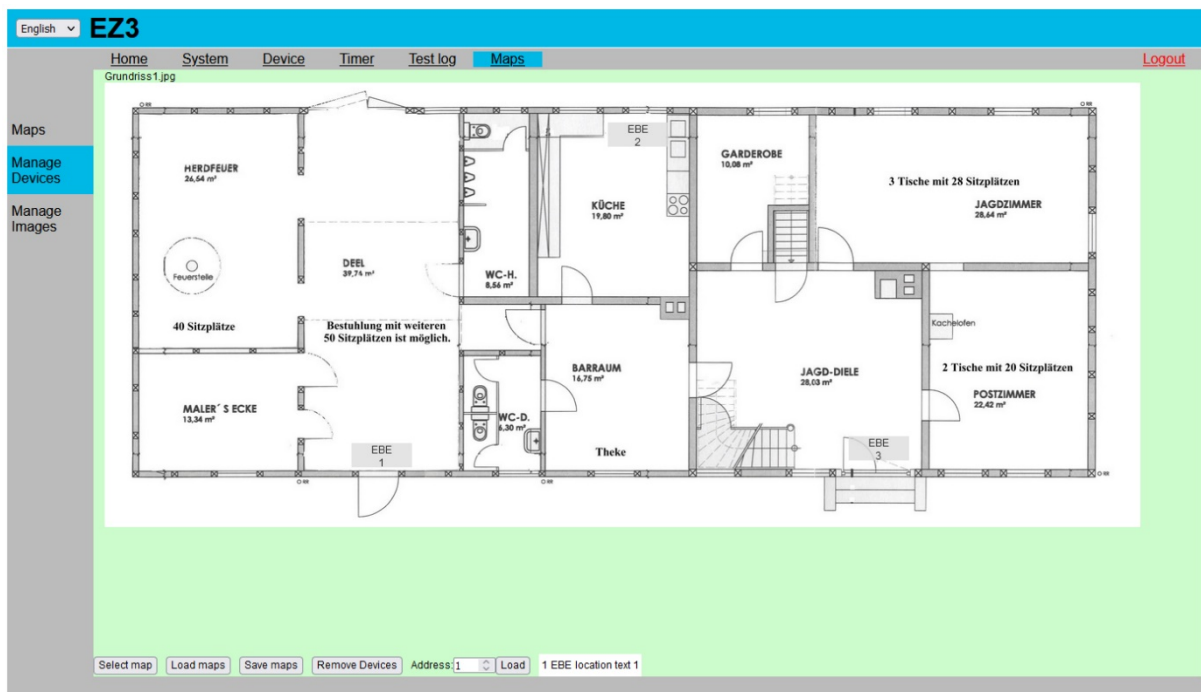
With the export function, the test results can be generated, saved or printed individually or as a whole as a PDF file.

This screenshot shows the EZ3 web application interface with the 'Test log' section selected. The 'Export' button in the left sidebar is highlighted. The 'Test log' table now includes an 'Export' column with a 'PDF export' link for each entry. The navigation controls at the bottom show 'Number' set to 5 and a 'PDF export' button.

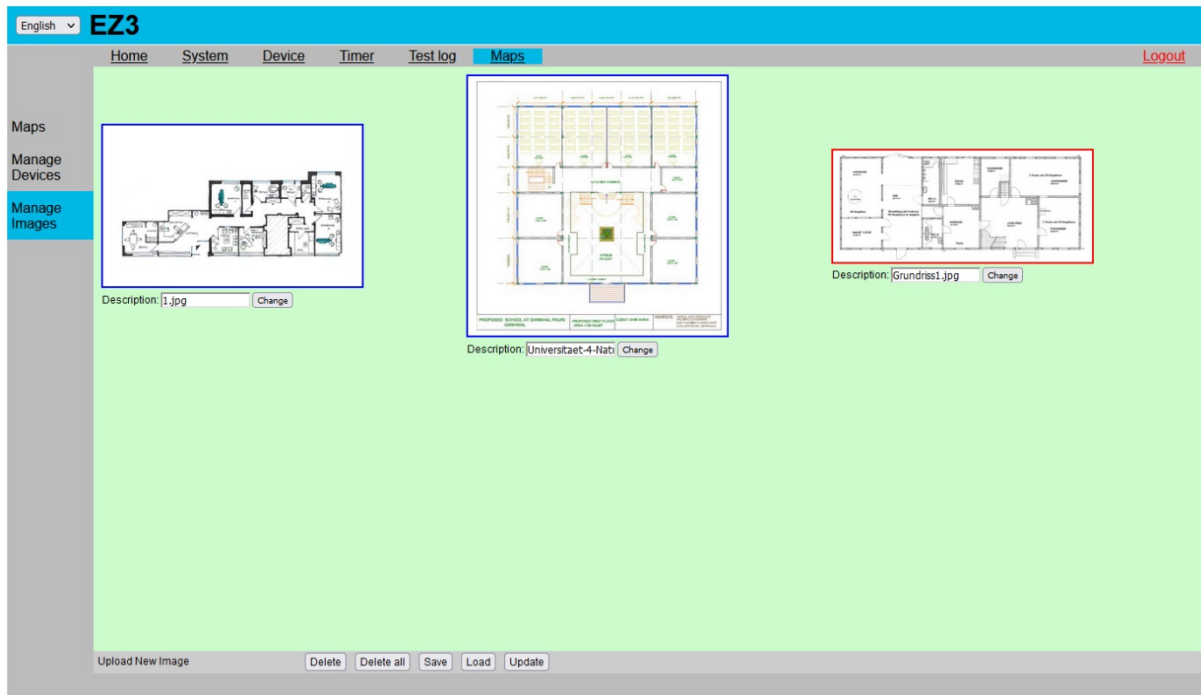
In the visualization area "Plans" the individual plans (image files . gif, . jpg, . png) can be selected and show the image file with the positioned addresses.



The address markers show the status of the address by means of the color (green = ok, red = faulty, yellow = unchecked).



In the "Manage images" menu, images required by the local computer can be uploaded to the web server. The size of the file determines the duration.



In the "Manage devices" menu, you can position and save the addresses on a selected image. The address markers are all gray in this mode.

