



ALL-PoE-RGBW-LAMP

RGBW PoE lamp with 1x MSR sensor port



Quickinstall-Guide

1. Scope of delivery:

Please check the packaging and contents for damage:

- Does the packaging indicate that something was damaged during transport?
- Is there any visible damage to the housing?

Under no circumstances should you operate the appliance if it is damaged. If in doubt, please contact our technical customer service.

contents

- ALLNET® ALL-PoE-RGBW-LAMP
- 1x network cable
- Quick guide



Safety instructions

Please observe the following instructions:

- Never open the appliance.
- Never carry out an installation during a thunderstorm.
- Ensure that cables are laid so that they are safe to trip over and walk on.
- Never expose the appliance to direct sunlight during operation.
- Never operate the appliance near heat sources.
- Never place the appliance on surfaces that are sensitive to heat.
- Protect the device from moisture, dust, liquids and vapours.
- Do not use the appliance in damp rooms or in potentially explosive atmospheres.
- Do not use cleaning agents containing solvents for cleaning, but only a soft only a soft, dry antistatic cloth.
- Repairs may only be carried out by trained, authorised personnel.
- ALLNET® accepts no liability for improper use.

Installation and mounting location

General:

The ALL-PoE-RGBW-LAMP may only be used in dry indoor areas. Ensure adequate ventilation. The installation must be carried out in such a way that the cables (network cable and connection cable) are not under tension, as they could otherwise come loose

2. Default values:

Default IP address	DHCP
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The IP address is assigned to the device by your router on delivery. Please check your router's client list to see which IP address the device has been assigned or look at the display on the back of the device.

Reset to factory settings

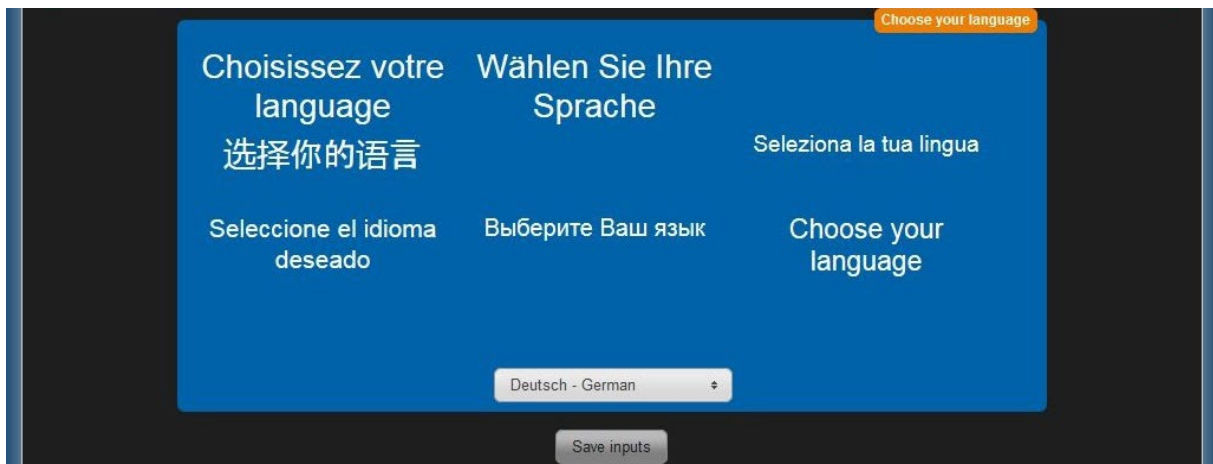
In the event that your ALL-PoE-RGBW-LAMP is no longer accessible due to incorrect user settings or a forgotten password, you can use the following reset procedure to reset all settings in the device to the factory settings (all previous settings and values will be lost):

- De-energise the appliance.
- Use a non-conductive pointed object (e.g. toothpick) to press and hold the RESET button
- **The button must remain pressed!**
- Now the ALL-PoE-RGBW-LAMP with power again and wait approx. 45 seconds.
- Only now release the reset button.

The reset process is now complete and all settings are back to the factory settings.

3. Adapting the ALL-PoE RGBW LAMP to your network

- a. Connect your ALL-PoE RGBW LAMP to your network using the LAN cable supplied. Make sure that you hear the plugs click into place.
- b. The ALL-PoE-RGBW-LAMP communicates with the connected components using the TCP/IP protocol. For the ALL-PoE-RGBW-LAMP to be recognised by your PC/MAC, the ALL-PoE-RGBW-LAMP and the PC/MAC must be in the same network segment.
By default, the ALL-PoE-RGBW-LAMP receives an IP address from your router.
- c. Please check the client list of your router to see which IP address the device has received or look at the display on the back of the device.
- d. If you now enter the IP address in the web browser (Firefox, Chrome, etc.), the first page for setting the language of the ALL-PoE-RGBW-LAMP appears



- e. Select the desired language from the drop-down menu and save your settings. You will be automatically forwarded to the next configuration point.
- f. Here you can give the ALL-PoE-RGBW-LAMP a fixed IP address from your network segment or retain the DHCP setting.
Static: The IP settings can be defined manually here.
DHCP: The ALL-PoE-RGBW-LAMP automatically obtains an IP from the range of your router.
Confirm the settings with "Save entries".

The screenshot shows a network configuration page with three main sections:

- Netzwerk Einstellung:** Contains a text field for the hostname "ALL-PoE-Co2-LAMP", a domain field, and radio buttons for "statisch" (selected) and "DHCP". Below is the "IP ADRESS EINSTELLUNG" section.
- Manuelle Netzwerk Einstellung:** Contains manual configuration fields: IP ADRESSE (192.168.3.159), NETMASK (255.255.255.0), DEFAULT GATEWAY (192.168.3.254), ERSTER DNS (8.8.8.8), and ZWEITER DNS (8.8.4.4).
- Wireless Einstellungen:** Contains radio buttons for "Ausgeschaltet" (selected), "Access Point", and "Wireless Client". It also shows the current IP ADRESSE as 192.168.3.159.

At the bottom, there is a button labeled "Eingaben Speichern".

- g. The device now accepts the settings. This process takes 10 seconds. The page is then reloaded with the IP address you have configured.
- h. A page with the time settings now appears. Here you can define your own time server, use the time servers already entered or set the time manually.

The screenshot shows a time configuration page with the following sections:

- Zeitzone:** Includes dropdown menus for "REGION" (set to "Europe") and "STADT / ORT" (set to "Berlin").
- Zeitserver:** Contains a toggle switch for "Aktiviert" (selected) and "Deaktiviert", and buttons for "Test" and "Log Datei". Below are four text fields for NTP servers: "NTP SERVER 1" (ptbtime1.ptb.de), "NTP SERVER 2" (ptbtime2.ptb.de), "NTP SERVER 3" (ntp0.fau.de), and "NTP SERVERPOOL" (pool.ntp.org).
- Zeit Anzeige (kann nur geändert werden wenn der Zeitserver deaktiviert ist):** Contains text fields for "SYSTEM ZEIT" (09:50:57) and "SYSTEM DATUM" (11.02.2021).

At the bottom, there is a button labeled "Eingaben Speichern".

- i. Save your settings with "Save settings".

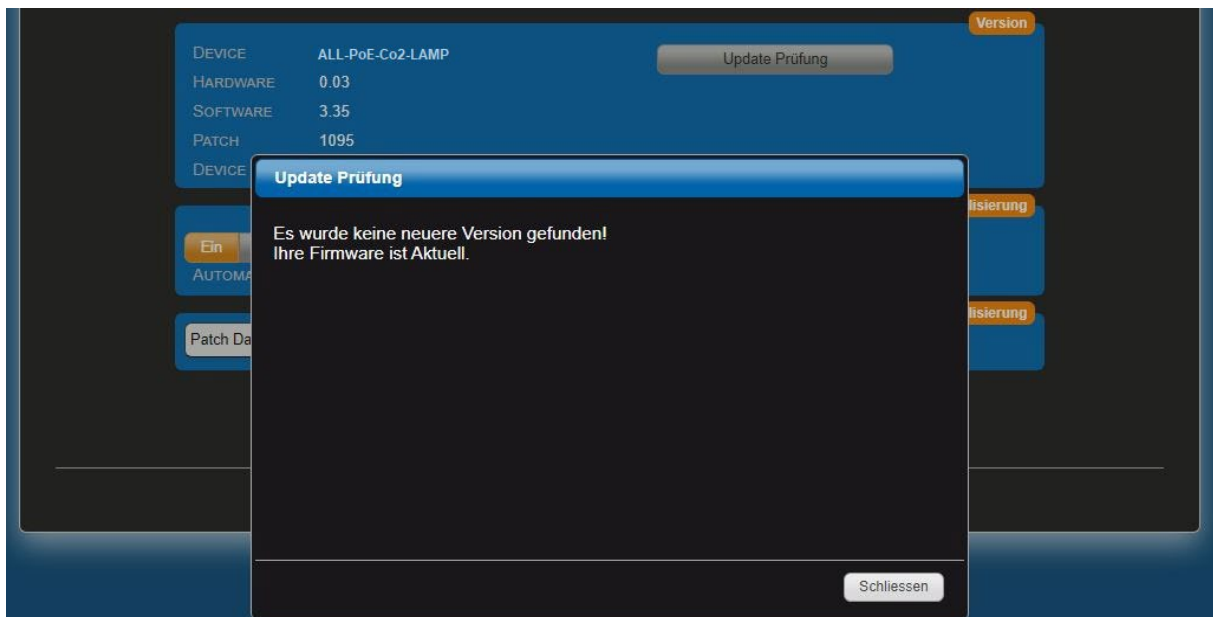
NOTE:

As the device does not have a built-in battery for the clock, the manually set time is lost in the event of a power failure. It therefore makes more sense to set the time using the time server.

4. Check for updates

Once you have completed the IP configuration, it is recommended that you update the ALL-POE-RGBW-LAMP to the latest software version. To do this, navigate to Configuration -> Update settings. If you click on "Update check", you will either receive the message

- a. No newer version was found
- or
- b. Install update



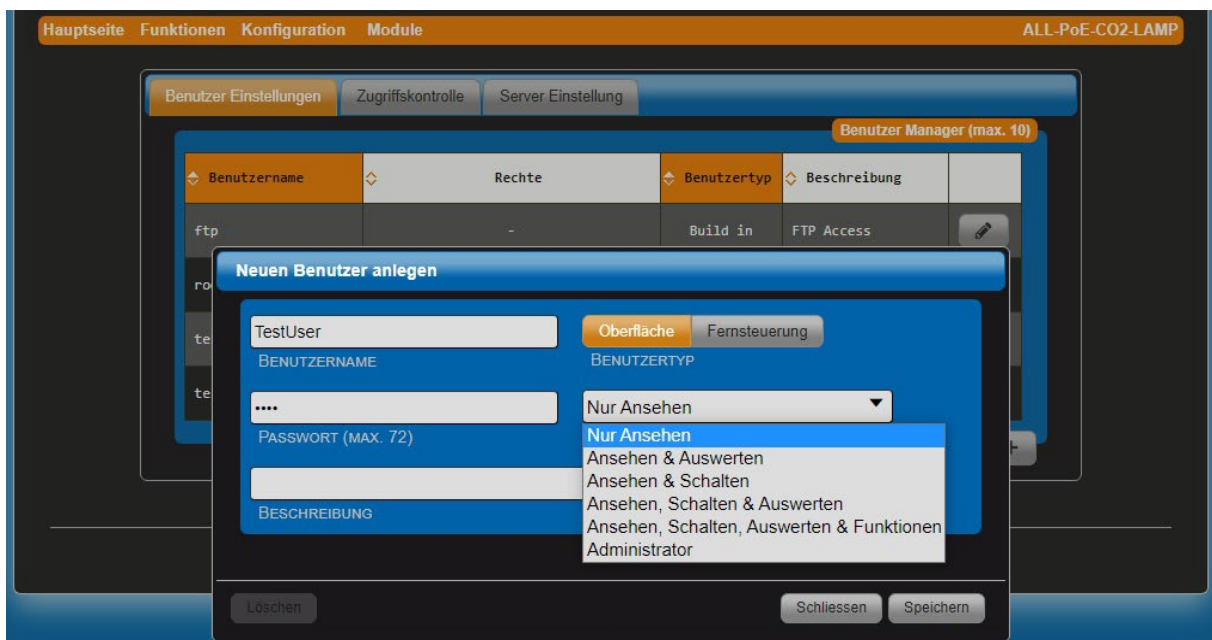
If necessary, run the "Update check" several times until you receive the above display.

5. Create user

To ensure that only you access to the configuration of the ALL-PoE-RGBW-LAMP, you should create an admin account.

Go to Configuration -> Server and users > "User settings" tab.

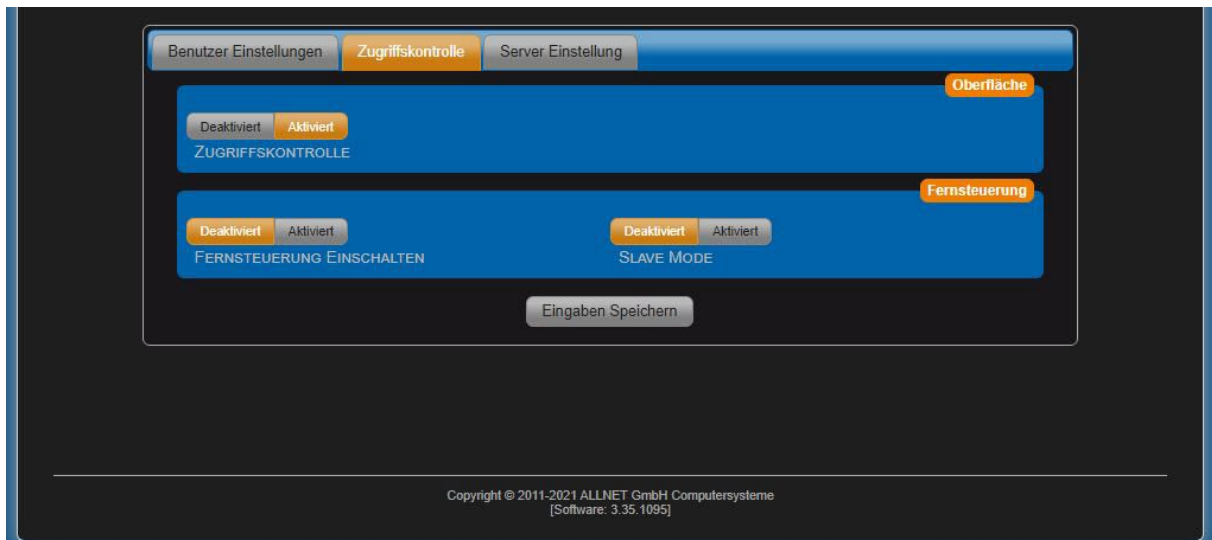
You can now create admin users or normal users here. The admin user has full access via the web interface, while the "normal" users can be assigned different rights (e.g. view only, view & analyse, etc.).



You must also activate access control for the login prompt to appear.

Go to Configuration -> Server and users > "Access control" tab.

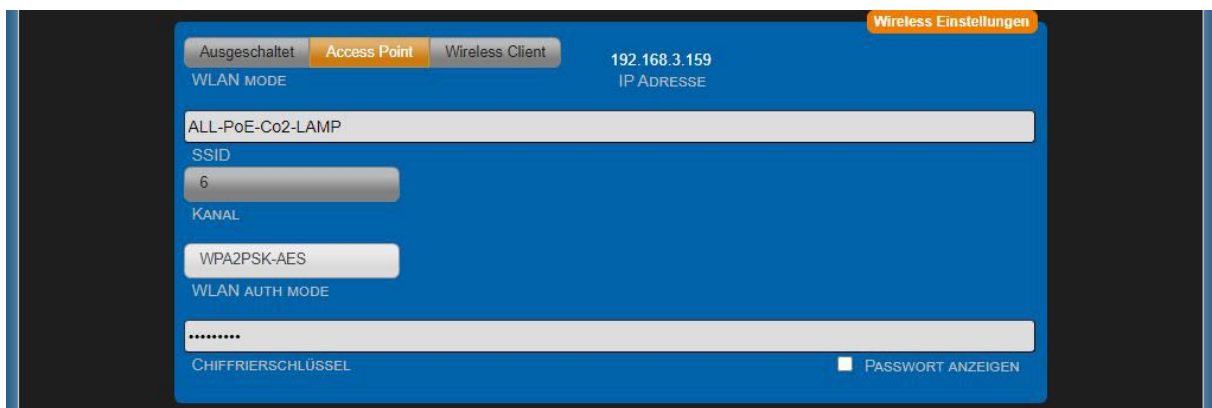
Set the access control to "Enabled".



6. Access point configuration

You can also configure the ALL-PoE-RGBW-LAMP as your own WLAN access point.

You can make the settings for the access point mode under Configuration -> Network settings.



SSID: You can enter any network name here. This name is displayed when the network is scanned.

Channel: The transmission channel is selected here

Channel 1, 6 or 11 is recommended in the 2.4 GHz frequency band.

WLAN Auth Mode: You can select the encryption mode here. WPA2PSK-AES is recommended.

Encryption key: You can enter any WLAN key here. This is requested when connecting to the ALL-PoE-RGBW-LAMP. Use a secure password with at least 8 characters.

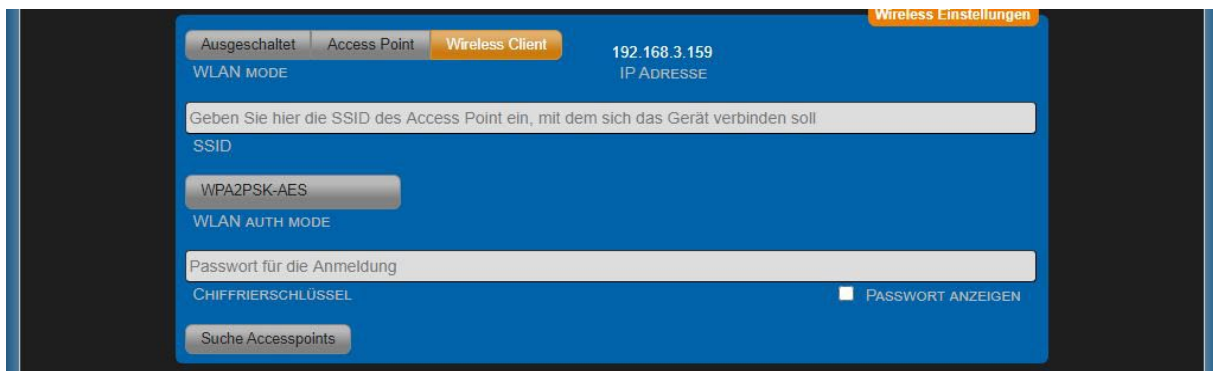
Finally, confirm your parameters with "Save entries".

The entries are accepted. This process takes 120 seconds.

7. Wireless client configuration

You can also connect the ALL-PoE-RGBW-LAMP to an existing WLAN network.

You can configure the WLAN connection under Configuration -> Network settings.



Select Wireless Client to connect the device to an existing network. Click on "Search access points" to search for your WLAN network.

All available networks in the neighbourhood are displayed. Select your network and press the "Select" button.

Gefundene Accesspoints					
Kanal	SSID	Sicherheit	Signal %	Mode	
1	Mario_WLAN_Test	WPA2PSK-AES	26	11b/g/n	Wählen
1	ACPro	WPA2PSK-AES	18	11b/g/n	Wählen
1	ACPro	WPA2PSK-AES	10	11b/g/n	Wählen
1	ORBID	WPA2PSK-AES	7	11b/g/n	Wählen
1	MSR	WPA2PSK-AES	7	11b/g/n	Wählen
1	MaxiTestnetz	WPA2PSK-AES	7	11b/g/n	Wählen

Schliessen

The "SSID" and "WLAN AUTH MODE" are filled in automatically. Simply enter your WLAN key and confirm the settings with "Save entries"

Wireless Einstellungen

Ausgeschaltet Access Point **Wireless Client** 192.168.3.159
WLAN MODE IP ADRESSE

WiFi_Test
SSID

WPA2PSK-AES
WLAN AUTH MODE

.....
CHIFFRIERSCHLÜSSEL PASSWORT ANZEIGEN

Suche Accesspoints

The device now accepts the parameters. This process takes 120 seconds. The device can then be reached via the set IP address.

IMPORTANT

After the 120 seconds have elapsed, you must remove the LAN cable to avoid a network conflict with the WLAN.

NOTE

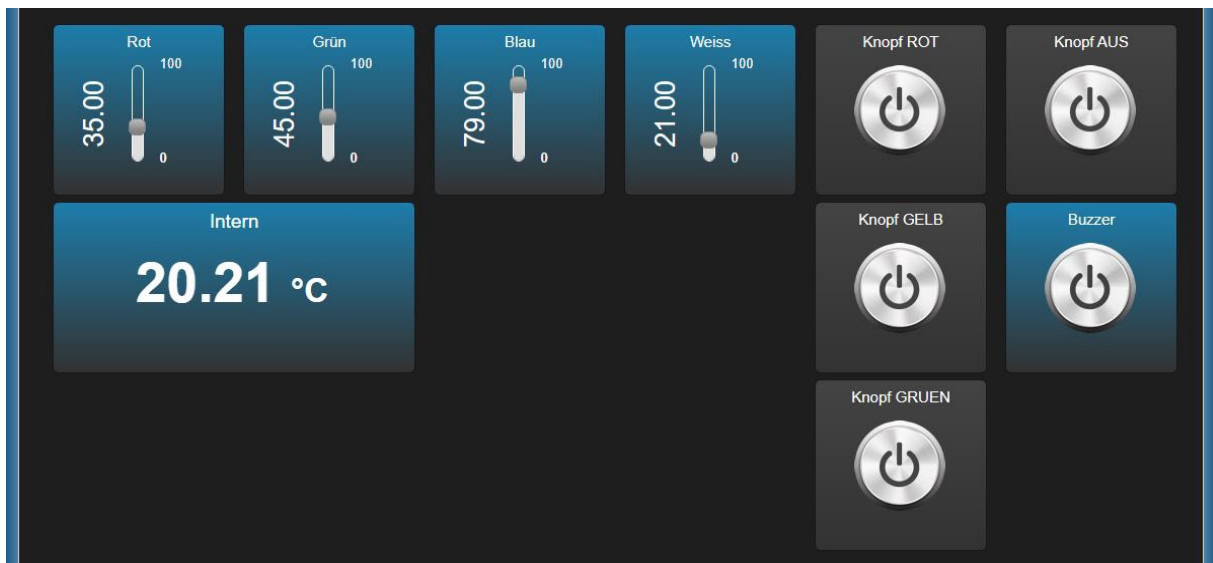
The WLAN network you are connecting to must not contain a SPACE in the SSID. Otherwise no connection will be established!

8. Overview page

You can find various information on the overview page (Main page > Overview). Here you have the option of operating the traffic light using the buttons or mixing the colours using the sliders

The alarm is signalled via a visual display (LED) and can optionally be implemented acoustically or by e-mail.

Further options may be available via additional software modules (may be available for download from the ALLNET homepage).



Hereby, ALLNET GmbH Computersysteme declares that the device **ALL-PoE-RGBW-LAMP** in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The declaration of conformity can be found at the following address: [http:](http://)

ALLNET GmbH Computer Systems
Maistrasse 2
82110

Phone +49 (0)89 894 222 - 22
Fax +49 (0)89 894 222 - 33
Email: [info\(at\)allnet](mailto:info(at)allnet).

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