

Instructions WLAN EDIMAX BR-6428nS V4

1. Switch the automatic feeder off and disconnect it from the mains power.
2. Open the casing of the WLAN module by means of the 4 screws.
3. Plug the Ethernet plug into one of the sockets LAN1...LAN4
 - a. Attention: do not plug it into the socket „WAN“.



4. Connect the Ethernet cable to the automatic feeder (see Service Manual of the automatic feeder "Connecting the Ethernet cable").
5. Mount the casing at an appropriate location.
6. Close the casing of the WLAN module.
7. Connect the automatic feeder and the WLAN module to the mains.
8. Search for the WLAN network by means of a WLAN device (e.g. a desktop, tablet or smartphone).
 - a. Select the WLAN „edimax.setup“ and click „Connect“.



9. Open the web browser and enter <http://edimax.setup>.



10. Select the language.
11. Click „Get Started“.



12. Continue with either **Build a WLAN network** or **Use an existing WLAN network**.

Build a local WLAN network:

With this function, the WLAN module builds a private WLAN with its own name and password. This function is required when there is no other WLAN in the barn, in which the automatic feeder can be integrated. The automatic feeder can then be connected to a WLAN device, such as smartphone or tablet. To do so, this WLAN device must also be connected to the built-up WLAN.

(In addition, the WLAN module can also be connected to a modem via or WAN socket for internet access. Please refer to the instructions of the EDIMAX BR-6428nS V4 on the enclosed CD-ROM.)

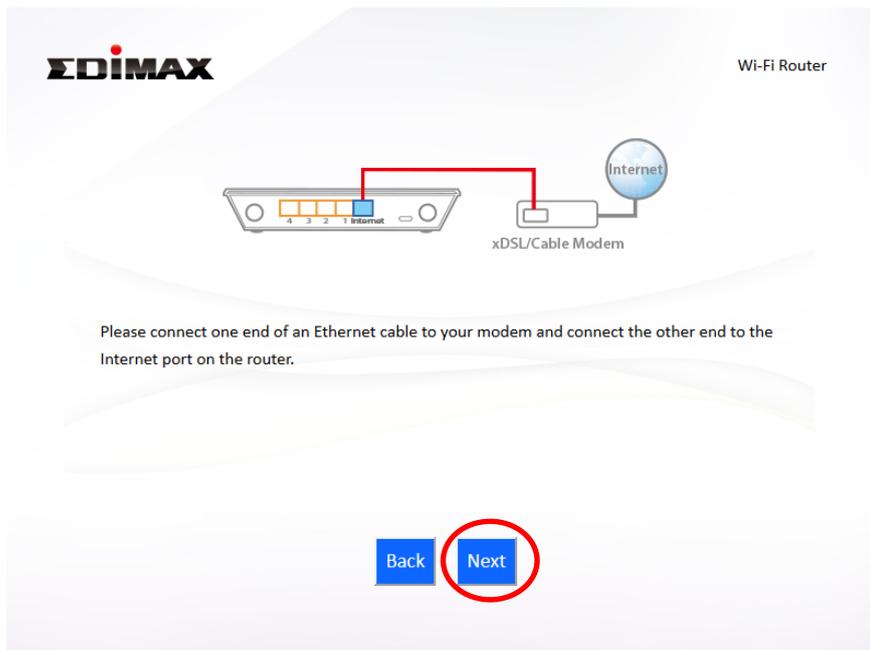
13. Click „Yes, I need a Wi-Fi Router“ to build up a local network.



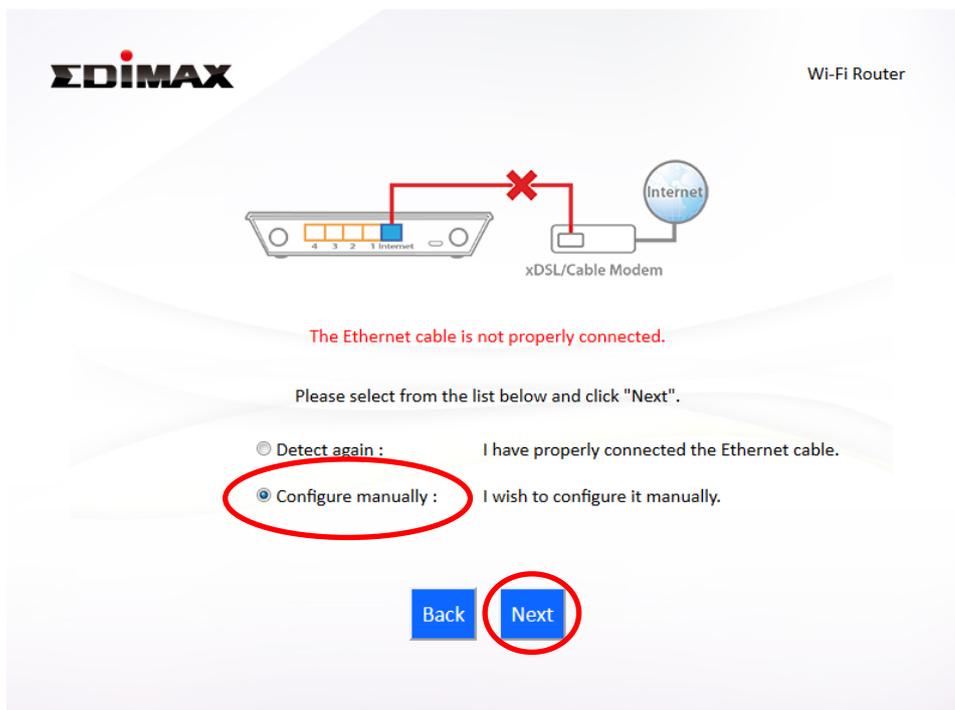
14. Select 1. „iQ Setup wizard“ and click „Next“ to confirm.



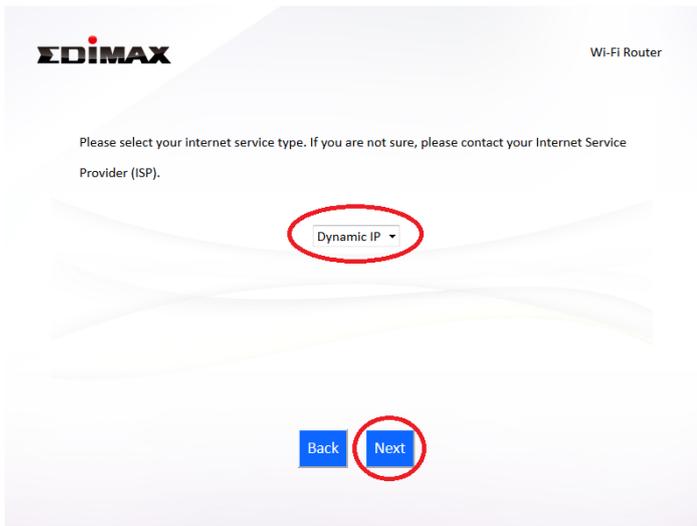
15. Click „Next“ to confirm and keep the Ethernet plug in the socket of the calf feeder.



16. Select „Configure manually“ and click „Next“ to confirm.



17. Select „Dynamic IP“ and click „Next“ to confirm.

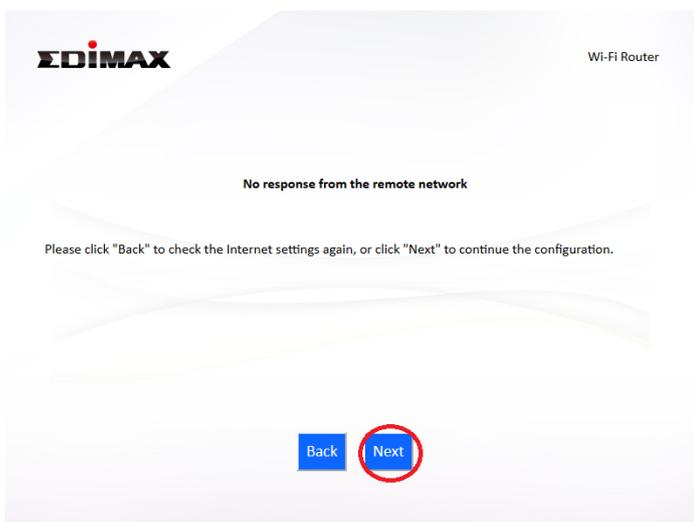


18. Click „Next“ to confirm.



19. „Connection to the internet“ will be displayed.

20. „No response from the remote network“ will be displayed. Click „Next“ to confirm.



21. Create a network name and a password and click „Next“ to confirm.

EDIMAX

Wi-Fi Router

Please set your Wi-Fi network name (SSID) and Wi-Fi password.

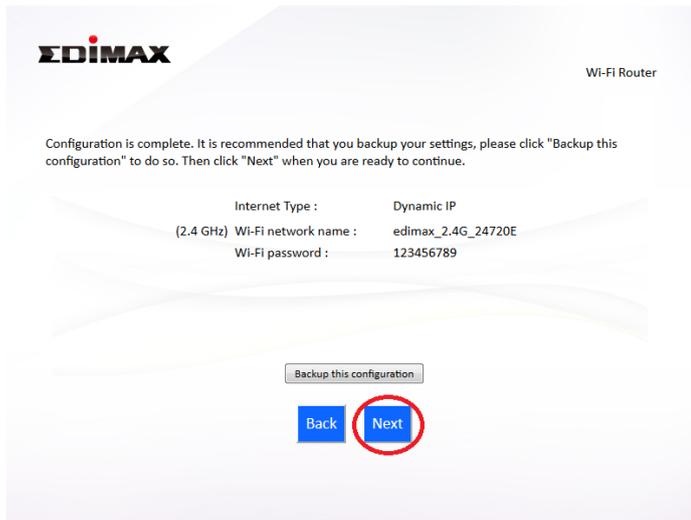
Wi-Fi network name (2.4GHz): edimax_2.4G_247CF4

Wi-Fi password (WPA2-AES):

(at least 8 characters)

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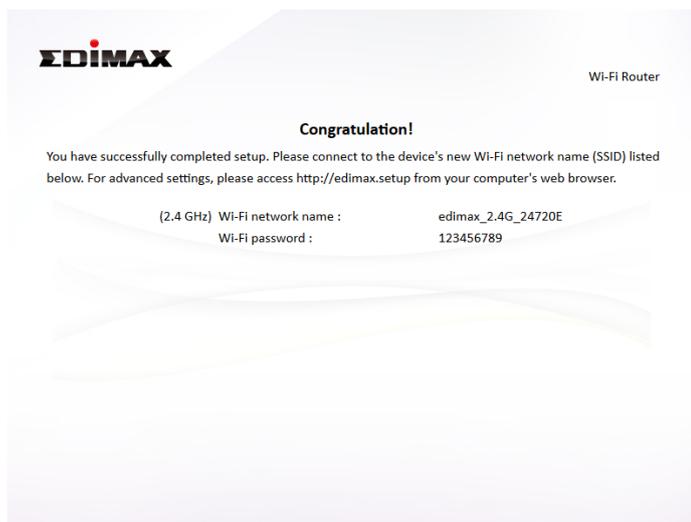
22. „Configuration is completed“ will be displayed as soon as the settings are complete.



23. Click „Next“ to restart the router.

24. „Please wait, settings are taken over“ will be displayed.

25. Once the process has been completed, the Congratulation window will be displayed.

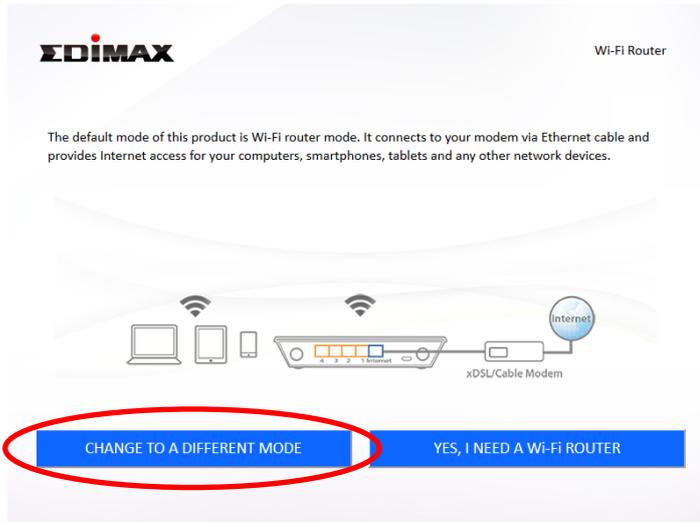


26. Use the network name and password from step 22 to connect to the new WLAN access.

Use an existing WLAN network:

This feature allows you to bring the WLAN module and thus the connected automatic feeders in your already existing WLAN in the barn. Often this WLAN even has a connection to the Internet, so that the automatic feeder may access the CalfCloud from Förster-Technik.

1. Click „Change to a different mode“ to select a different operating mode.

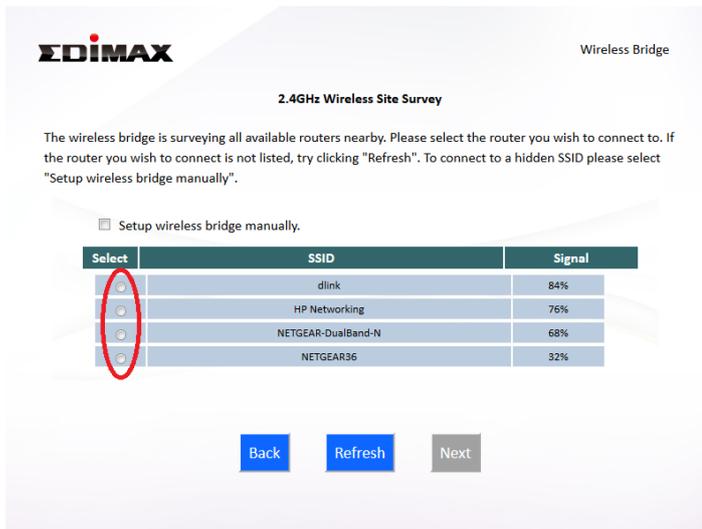


2. Select „Wireless Bridge“ to integrate your automatic feeder into an existing network.



3. Click „Next“ twice consecutively to confirm.

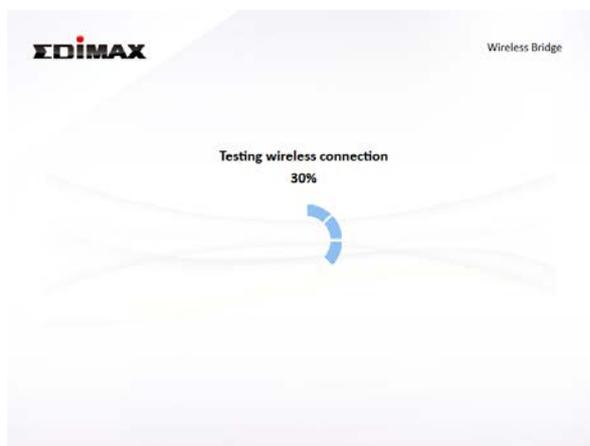
- A table containing all the existing WLAN networks will be displayed. In the „Select“ column please select the WLAN to which your automatic feeder shall be connected.



- Enter the Security Key and click „Next“ to confirm.



- The message „Wireless connection check“ will be displayed.



- The message „Connection test was successful“ will be displayed. Choose “Obtain an IP address automatically” and click on “Next”.



- “Connection test was successful“ “There is no IP address obtained“ is displayed.
- You are now in the selected network.
- Attention: Don` t follow the remaining steps if you set in step 7 the IP address and edimax.setup isn` t longer a WLAN.
- Please move to the „edimax.setup“ network again.



- Open the web browser and enter <http://edimax.setup/connectRedirect.asp>
- If the connection was successful, the window in which you will assign the IP addresses will be displayed.
- Select either „Obtain an IP address automatically“ (in that case the IP address is assigned automatically) or „Use the following IP address“ (in that case you can manually assign the IP address). It is highly recommended to obtain the IP address automatically. To do so, your wireless access point that provides WLAN should be set to DHCP server, which is generally the case. If the WLAN module cannot immediately obtain an "IP address" automatically, even though the wireless access point is actually set to DHCP server, please repeat this step.
- Click „Next“ to confirm.

EDIMAX Wireless Bridge

Connection test complete. Please click "Next" when you are ready to continue.

Obtain an IP address automatically (IP: 172.16.1.23)

Use the following IP address

IP address : . . .

Subnet Mask : . . .

Default gateway : . . .

DNS : . . .

16. „Configuration complete“ will be displayed as soon as the settings are complete.
17. Click „Next“ to confirm that the Router is restarted.
18. „Please wait, settings are taken over“ will be displayed.
19. Subsequently the „Congratulation“ window will appear.

EDIMAX Wi-Fi Router

Congratulation!

You have successfully completed setup. Please connect to the device's new Wi-Fi network name (SSID) listed below. For advanced settings, please access <http://edimax.setup> from your computer's web browser.

(2.4 GHz) Wi-Fi network name : edimax_2.4G_24720E

Wi-Fi password : 123456789

Your calf feeder should have obtained an IP address from the WLAN module via the DHCP server. You can check this under "Diagnosis – Setup – Communication - Network". There, the IP address is displayed. It might also occur that the menu is set to "static". In that case commute to "DHCP".

WLAN and WAN is **not the same** -> WLAN = Wireless Lokal Area Network

WAN = Wide Area Network