



ZL-100 Quick Start Guide

January 2018

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About This Guide

This document is a quick start guide of ZL-100 Smart Home Hub, a USB-powered Z-Wave home automation controller.

ZL-100 Smart Home Hub is a compact hub for automatic control of Z-Wave-enabled home devices. Its compatibility with Amazon Alexa allows expanding its functionality even further. Despite a minimalistic form and low cost, ZL-100 displays high performance and ensures reliable and flexible control of your smart home. ZL-100 is fully compatible with more than two thousand Z-Wave-enabled smart home products.

Package Content

ZL-100 is supplied as a complete unit requiring no additional hardware or accessories. Each ZL-100 hub is shipped under a unique serial number shown on the packaging. Please retain the packaging for reference.

ZLINK App

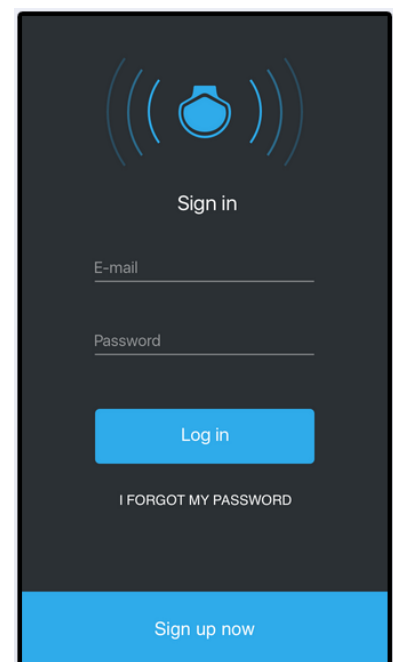
ZL-100 is used with ZLINK App available for iOS and Android devices. Before using ZL-100, download the application from Google Play or App Store.

In order to use ZL-100 to control your smart home devices, connect it to the mobile application and configure it for use via your local Wi-Fi network.

ZLINK Account

ZLINK account is your point of access to the mobile application. When you open the ZLINK App, you are directed to the sign-in page.

If you are using the ZLINK App for the first time, you need to create an account. Click **Sign up now** to set up your ZLINK account.



1. In the **New account** screen, enter your name under which you will appear in the user list, your email and your password.

Make sure that your email address satisfies the following conditions:

- The format of email addresses is local_part@domain where the local_part must be up to 64 characters long, the domain name – up to 252 characters, and the entire email address – up to 254 characters.
- The local-part of the email address may use any of the following ASCII characters:
 - Uppercase and lowercase Latin letters (A-Z, a-z) (ASCII: 65-90, 97-122)
 - Digits 0 to 9 (ASCII: 48-57)
 - Special characters: !#\$%&'*+,-/=/?^_`{|}~ (ASCII: 33, 35-39, 42, 43, 45, 47, 61, 63, 94-96, 123-126)
 - Character . (dot), ASCII 46, provided that it is not the first or last character in the email address, and provided also that it does not appear consecutively (e.g. John..Doe@example.com is not allowed).
- The domain name part of an email address has to conform to strict guidelines: it must match the requirements for a hostname: consisting of letters, digits, hyphens and dots

Choose a Password that is:

- At least 8 characters long
- Maximum 100 characters
- Containing only uppercase and lowercase Latin letters (A-Z, a-z), digits 0-9 and special characters \$@^` , | % ; . ~ () / { } : ? [] = - + _ # !
- Combining letters and numbers

2. Click **Sign up**.

Successful user creation is confirmed with the "User Added" message.

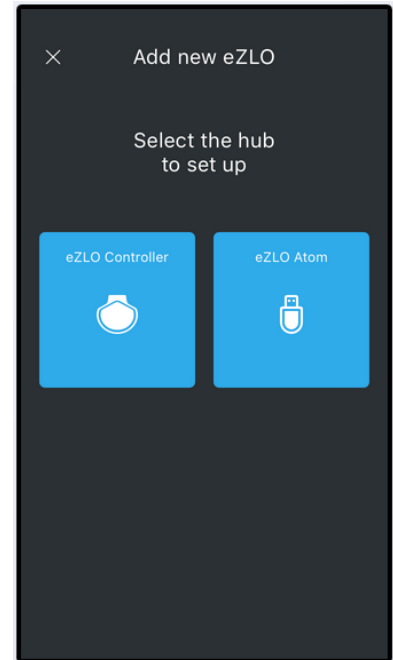
3. Check your inbox for a **Confirm Email Address** message from the ZLINK application. This message should be received within 10 minutes. If no message is received, check your Spam folder.
4. Follow the link in the email message to confirm your user registration. You will be redirected to the **Sign in** page.
5. Enter your email and password and click **Sign in**. By clicking **Sign in**, you accept the ZLINK Terms of Use.

Connecting ZL-100 to ZLINK App

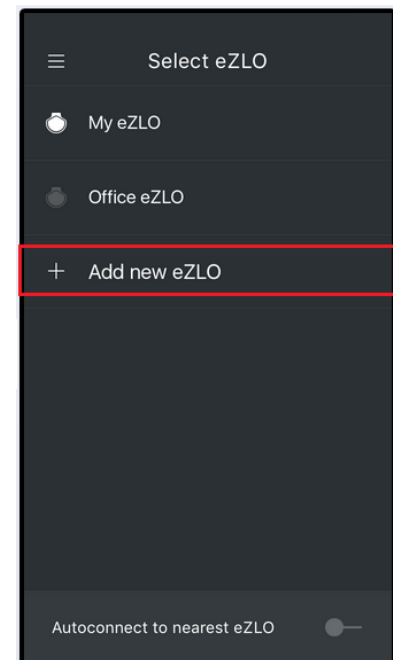
To connect ZL-100 to the mobile app and to configure its settings, you need a local Wi-Fi network. ZL-100 will use the same Wi-Fi network to communicate with the ZLINK server during smart home management.

To connect ZL-100:

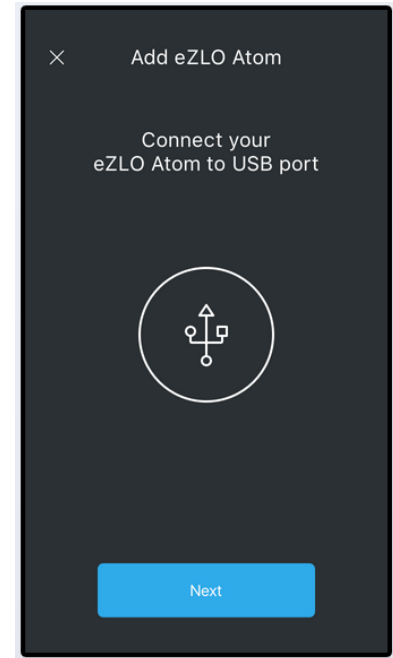
1. Access your ZLINK account in the ZLINK App.
2. If you are using the ZLINK App for the first time, there are no ZL-100 hubs connected to your mobile device. In this case, you will see the **Add new hub** screen.



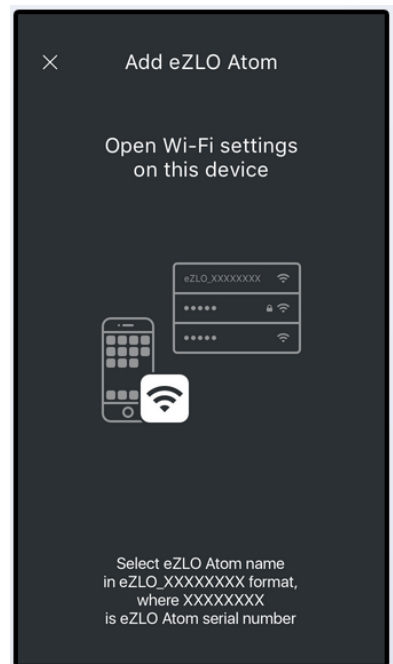
3. If you have used the ZLINK App already and there are ZL-100 hubs connected to your device, you will see the **Select hub** screen listing all your hubs with the **+ Add new hub** option. Select this option to add your ZL-100. The **+ Add new hub** option leads to the **Add new hub** screen (see above).



4. Select **ZL-100** to add your ZL-100 hub. You will be requested to connect your ZL-100 to an USB port.
Note: ZL-100 is powered from any device having a 5 V USB port. To turn ZL-100 on, plug it in the USB port of the device connected to the power network. The blue LED indicator shows that ZL-100 is on.



5. At this point, switch to the Wi-Fi settings of your smartphone to connect to ZL-100 via Wi-Fi.
Note: as soon as ZL-100 is powered up, it becomes a Wi-Fi access point. It shows in the list of available Wi-Fi networks under the ZL_XXXXXXXX name where XXXXXXXX is ZL-100 serial number.



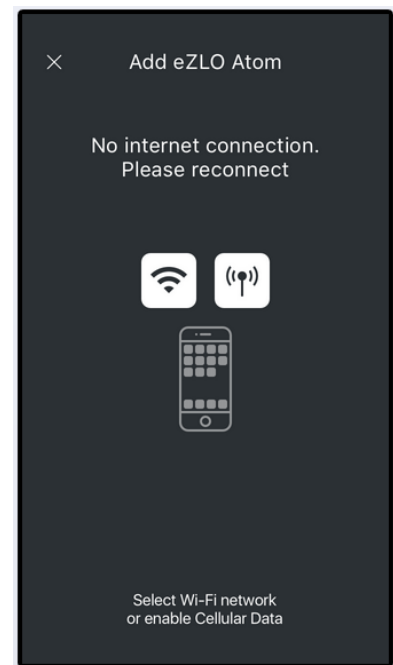
6. Connect to ZL-100 using the following default password: **test4321**. As soon as you are connected, ZL-100 will be no longer shown in the list of available networks.

7. Return to the ZLINK App to connect ZL-100 to your home Wi-Fi network. The application will open the **Select Wi-Fi network** screen listing all Wi-Fi networks found in the vicinity. Connect ZL-100 to your network by selecting it from the list and using the network password. If the desired network does not appear in the list, tap **Rescan Wi-Fi Networks** in the bottom of the screen to update the list. If your smartphone is not connected to Internet, ZL-100 will not be connected to Wi-Fi, and the following message will be displayed: **No internet connection. Please reconnect.**



In this case, open the smartphone settings and check that the Wi-Fi is switched on, that the proper Wi-Fi network selected or, if you are using mobile Internet, that the Cellular Data option is enabled.

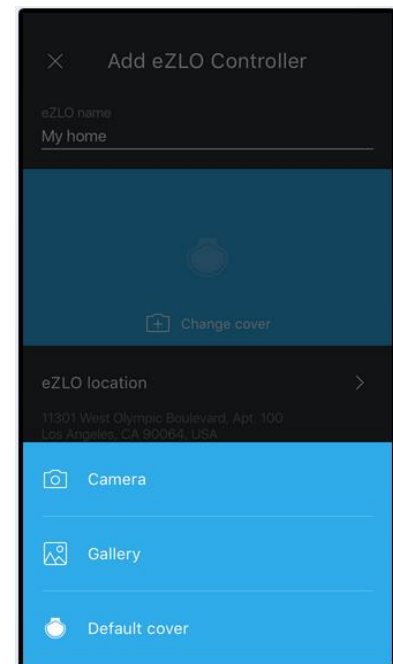
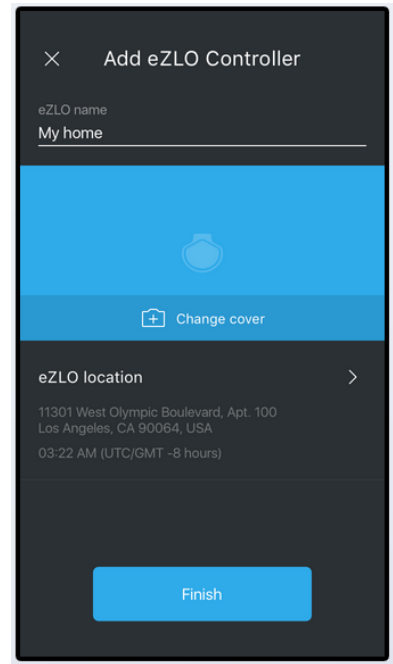
If the Internet connection is unavailable due to network problems, wait until the network connection is restored. The window will be closed automatically.



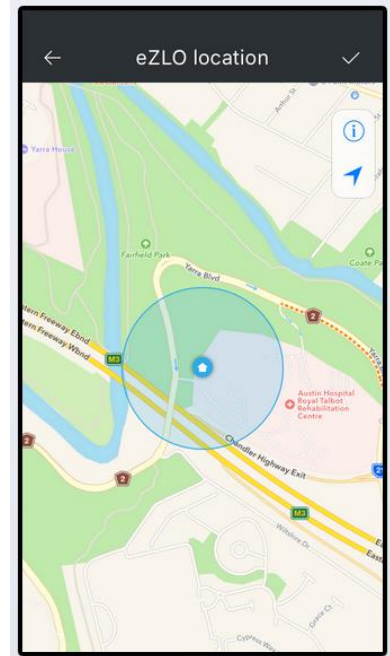
8. Once your ZL-100 is successfully connected to the Wi-Fi network, its properties – name, cover image and geographical location – can be customized. The **Add ZLINK Controller** screen containing the default ZL-100 settings is opened automatically. Configure the following properties for your ZL-100:

- **Hub name** – the name under which ZL-100 will appear in the list of your hubs
- **Change cover** – the image to be displayed as the ZL-100 cover. You have the following options of selecting the image for ZL-100 cover:

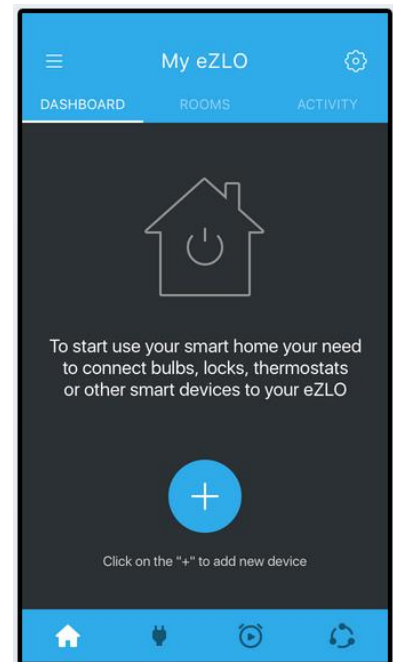
1. **Camera** – take a photo with your smartphone camera
2. **Gallery** – choose an image from your smartphone Gallery
3. **Default cover** – use the default ZLINK image as cover



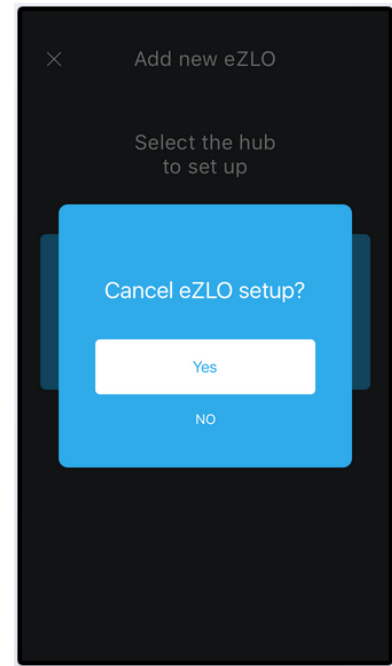
- **ZL-100 location** – the geographic location of ZL-100 resolved from its geographic coordinates (this function requires GPS to be enabled in your smartphone). By default, this field shows the automatically resolved location, however, you can set a different location. Tap the  icon to open the ZL-100 location screen and set a new location by tapping the place on the map. Confirm with tapping the  icon



9. After configuring ZL-100 properties, tap **Finish** to complete setup. You will be redirected to ZL-100 start screen from where you can start managing your smart home. For instructions on smart home management via the ZLINK App, visit [ZLINK](http://www.zlinkproducts.com) official website.



10. At any stage of ZL-100 setup, you can cancel it by tapping the  icon in the top left corner of the screen. You will be requested to confirm setup cancellation. If you select **Yes**, all previously made settings will be deleted.



The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.

FCC statements:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is Subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.