Manuals+ — User Manuals Simplified.

ARIZE ASH120 Smart Hub User Manual

Contents

ARIZE

ARIZE ASH120 Smart Hub

Product Information

Specifications

- System:
  - OS: Linux@ Open Wrt
  - Processor: MTK7620A (MIPS24KEc(580MHZ)) / MTK7688 (MIPS24KEc(580MHZ))
  - RAM: 128MB
  - Flash: 16MB
- Wireless protocol:
  - LTE-Cat1
  - Wi-Fi
  - Zigbee3.0
  - Bluetooth
- Ethernet:
  - 1*WAN
  - 1*LAN

Product Usage Instructions

Installation

1. Set up the hub in a central location of the apartment. Try to be 5 feet away from electronics or mental substances & at least 5 feet above ground.
2. Plug the hub into a power outlet using the provided power adaptor and cables, waiting for the green power indicator to stop flashing and become steady on.

Configuration

Configure WiFi

1. Open Arize Install APP.
2. Click on WiFi Pairing.
3. Select the device and scan the QR code of the device.
4. Press the reset button for 2 seconds and wait for the network indicator to start flashing.
5. Connect to a 2.4G network and enter the WiFi password.
6. Activate the device successfully.

Add the Hub to the Unit/Room

1. Select the Community/Unit and Room where you want to put the device.
2. Add the smart hub and test it.

Add Zigbee sub device

1. Make sure your community, unit, and room are selected where you want to add the entry sensor.
2. Select the device model and scan the QR code.
3. Connect successfully and run the test mode to pair the Zigbee sub-device with the hub.
4. Use the Resident APP to view device status and receive security alerts.

FAQ

Q: Does the ASH120 support LTE-Cat1?
A: Yes, the ASH120 supports LTE-Cat1 wireless protocol.

Q: Can I connect smart sensors to the ASH120?
A: Yes, you can connect smart sensors through Zigbee 3.0 wireless protocol.

Q: What is the minimum distance recommended between the radiator and my body?
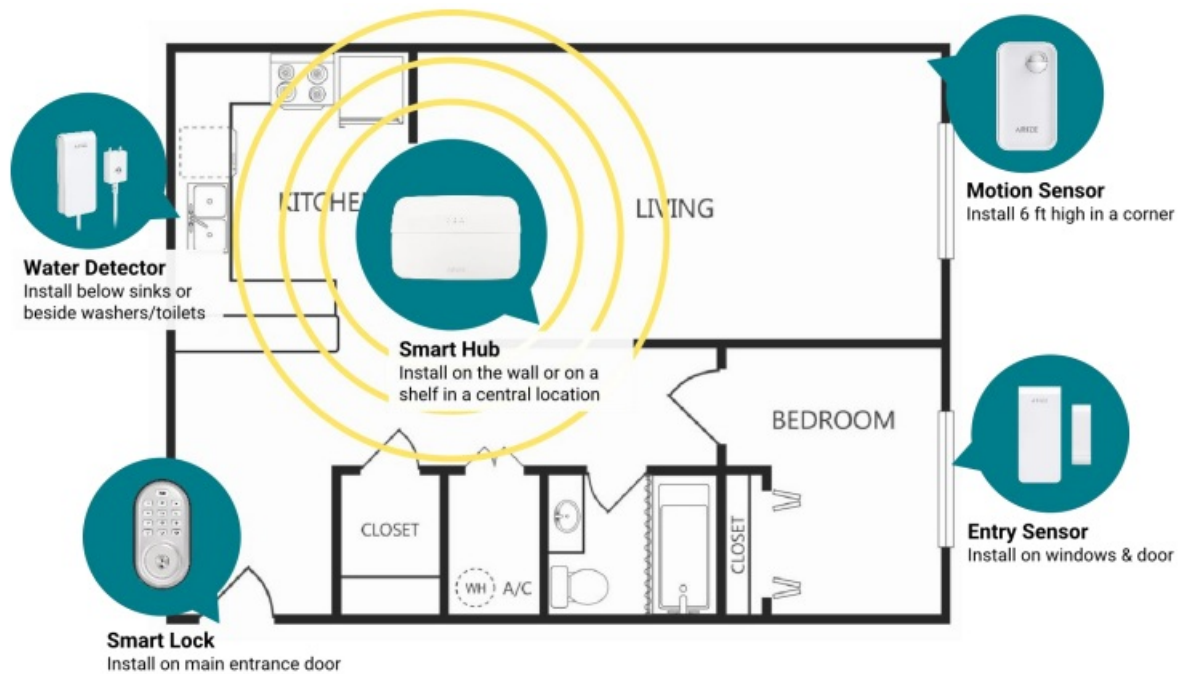**A:** The equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Q: Where can I find the FCC declaration of conformity for this equipment?
A: The FCC declaration of conformity can be found in the support section of our website, accessible from www.Arize.com.

Introduction

Purpose& Description
The ASH120 is a smart hub product used in smart home, intelligent security industry,pension services. It's a central device, support LTE-Cat 1, Wi-Fi, Bluetooth and Zigbee3.0, wireless protocol. User can connect the network through LTE-Cat1, Wi-Fi and Ethernet. In addition, smart sensors can be connected through Zigbee 3.0.

Product Feature Summary

- System
- OS: Linux@ Open Wrt
- Processor: MTK7620A (MIPS24KEc(580MHZ)) / MTK7688 (MIPS24KEc(580MHZ))
- RAM: 128MB- Flash: 16MB
- **Wireless protocol**
- LTE-Cat1
- Wi-Fi
- Zigbee3.0
- Bluetooth
- Ethernet: 1*WAN, 1*LAN

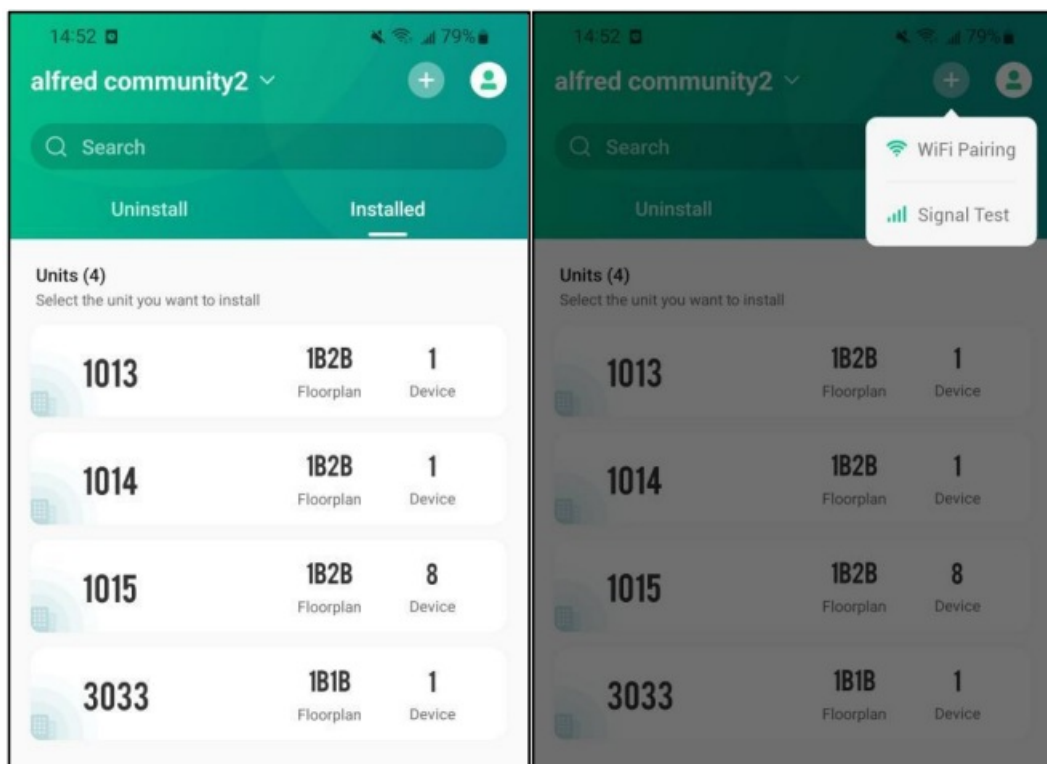## Installation and Configuration

Installation

1. Set up the hub in a central location of the apartment. Try to be 5 feet away from electronics or mental substances & at least 5 feet above ground.
2. Plug the hub into a power outlet using the provided power adaptor and cables, waiting green power indicator from flashing to steady on.
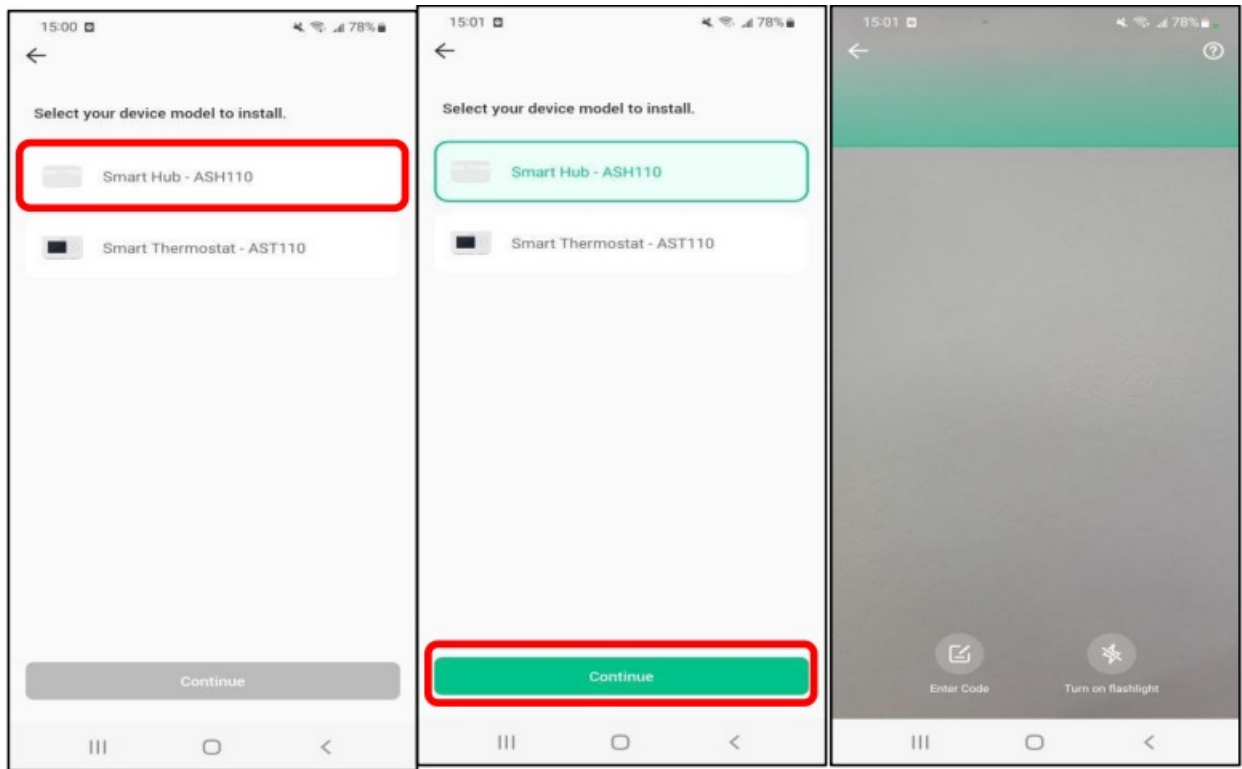
Configuration

1. Configure WiFi

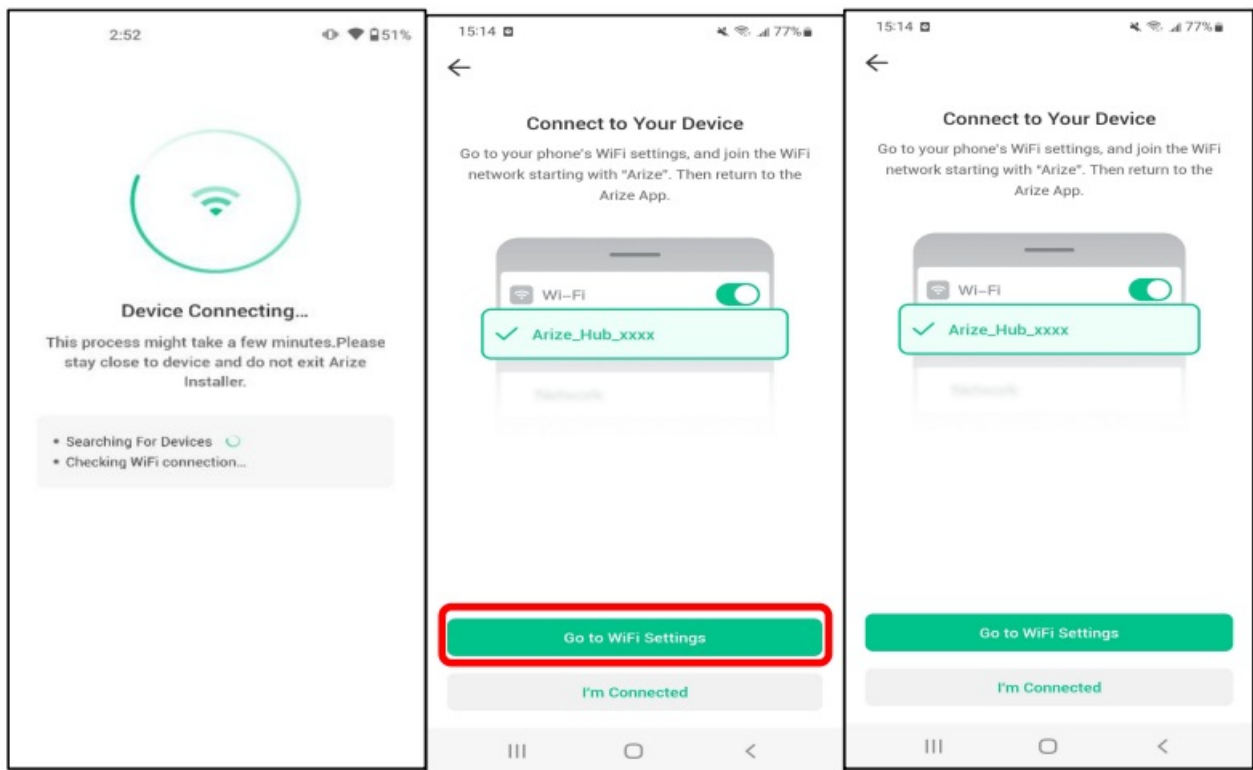   Open Arize Install APP, click WiFi Pairing.

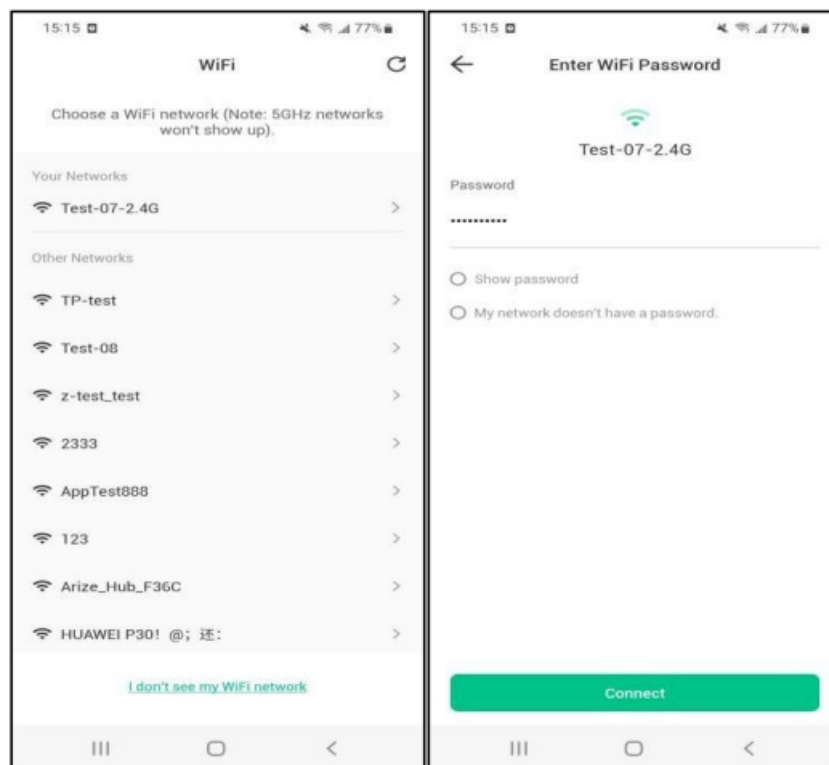   Select device, and scan QR code of the device.

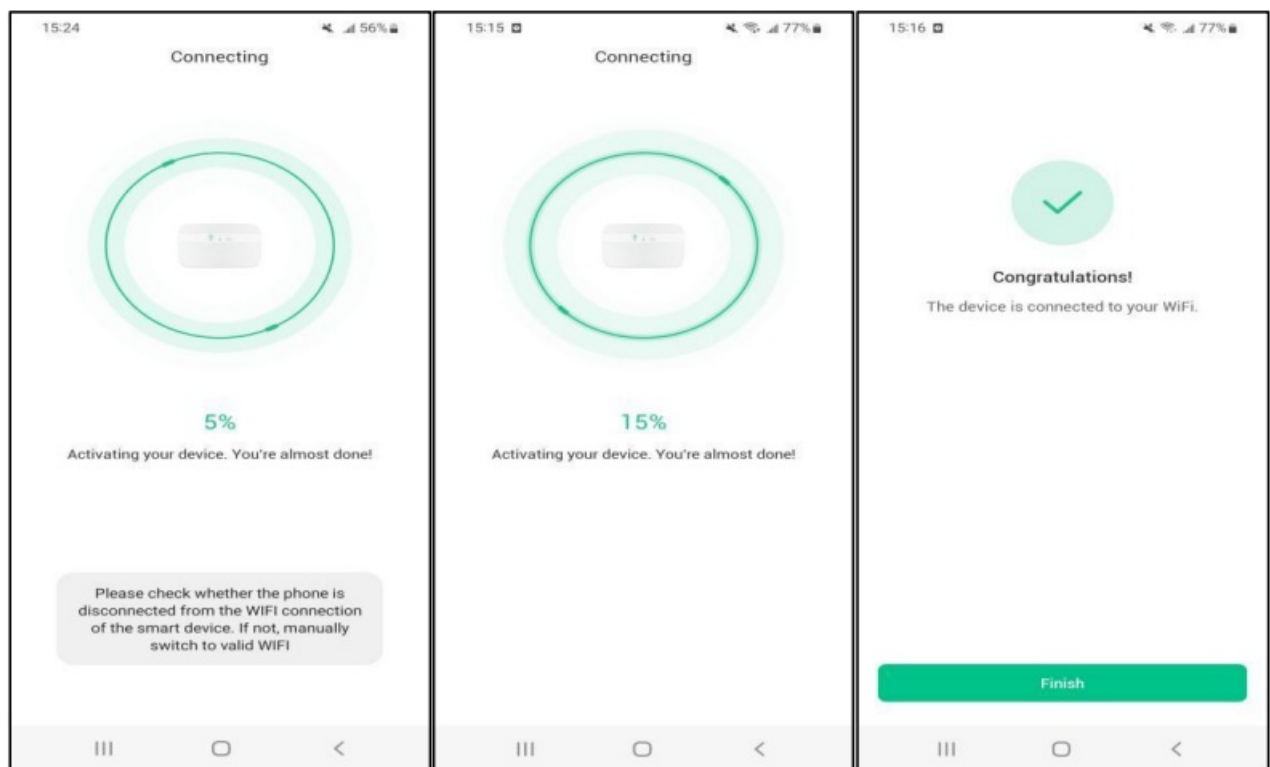Press reset button 2s, the network indicator starts flashing.

Connect device

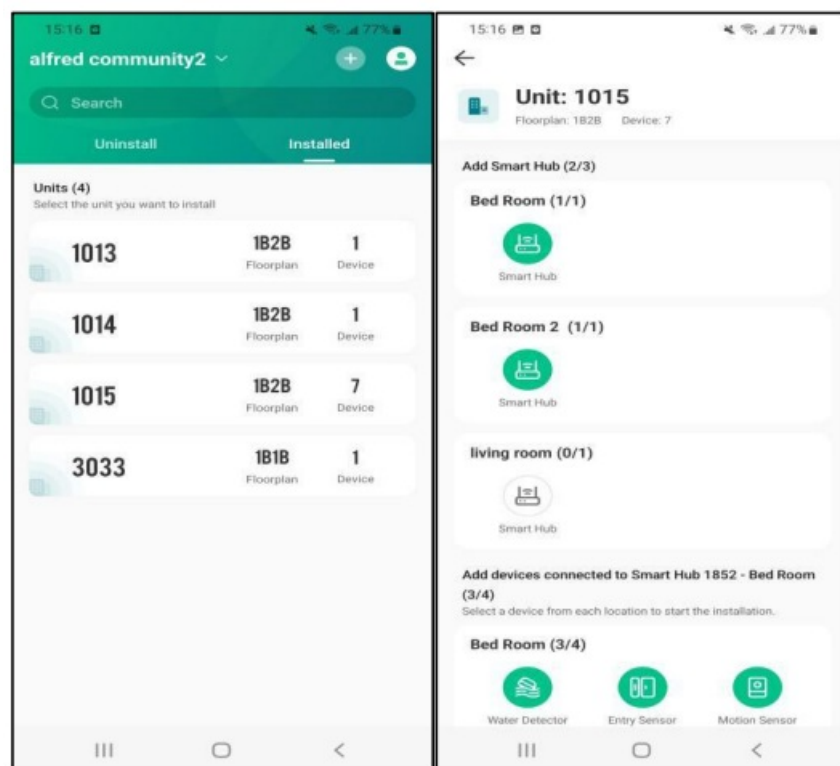Select a 2.4G network, and enter WiFi password.
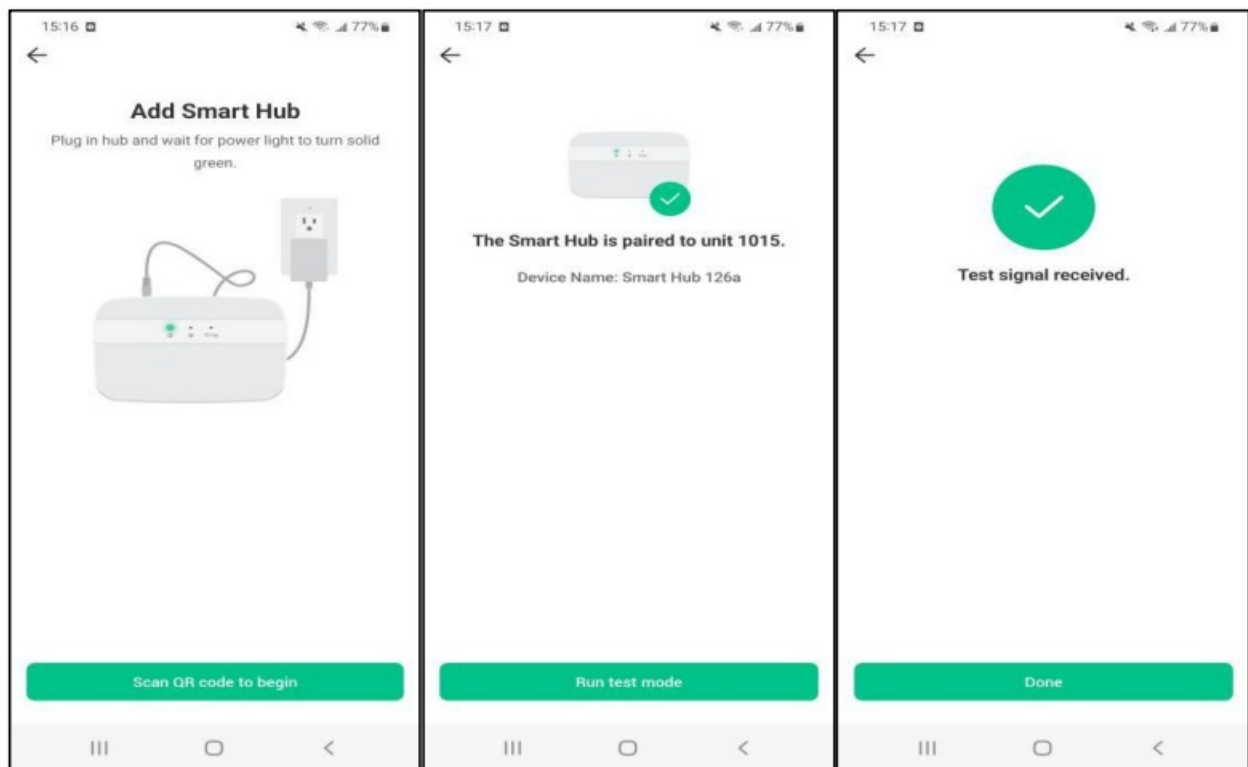

Activating device successfully.

Connecting	Connecting	
5%	15%	Congratulations!
Activating your device. You're almost done!	Activating your device. You're almost done!	The device is connected to your WiFi.
Please check whether the phone is disconnected from the WIFI connection of the smart device. If not, manually switch to valid WIFI		Finish

2. **Add the Hub to the Unit/Room**

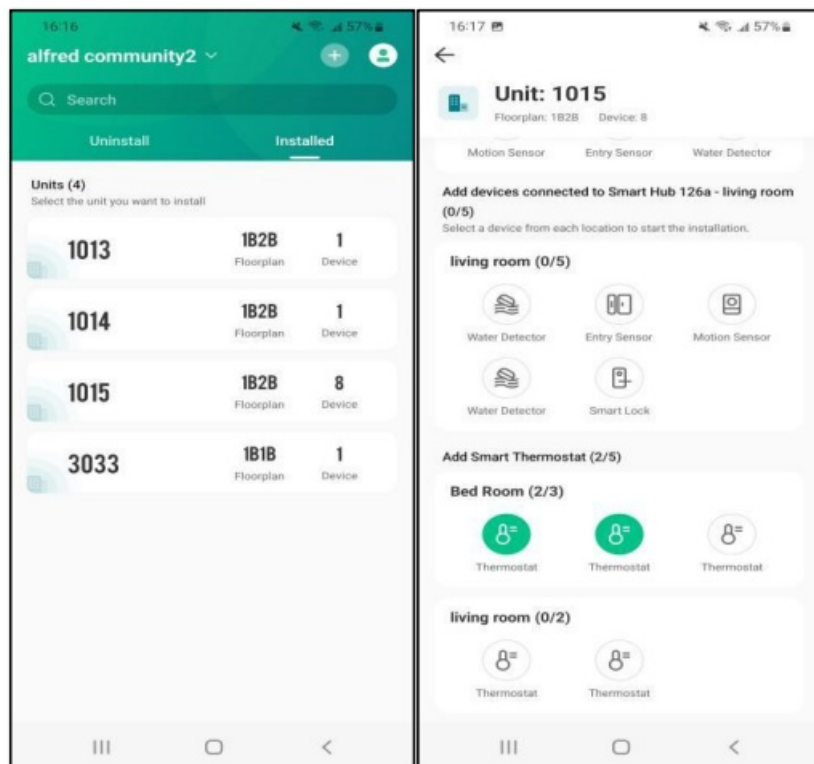Select Community/Unit and Room you want to put device.
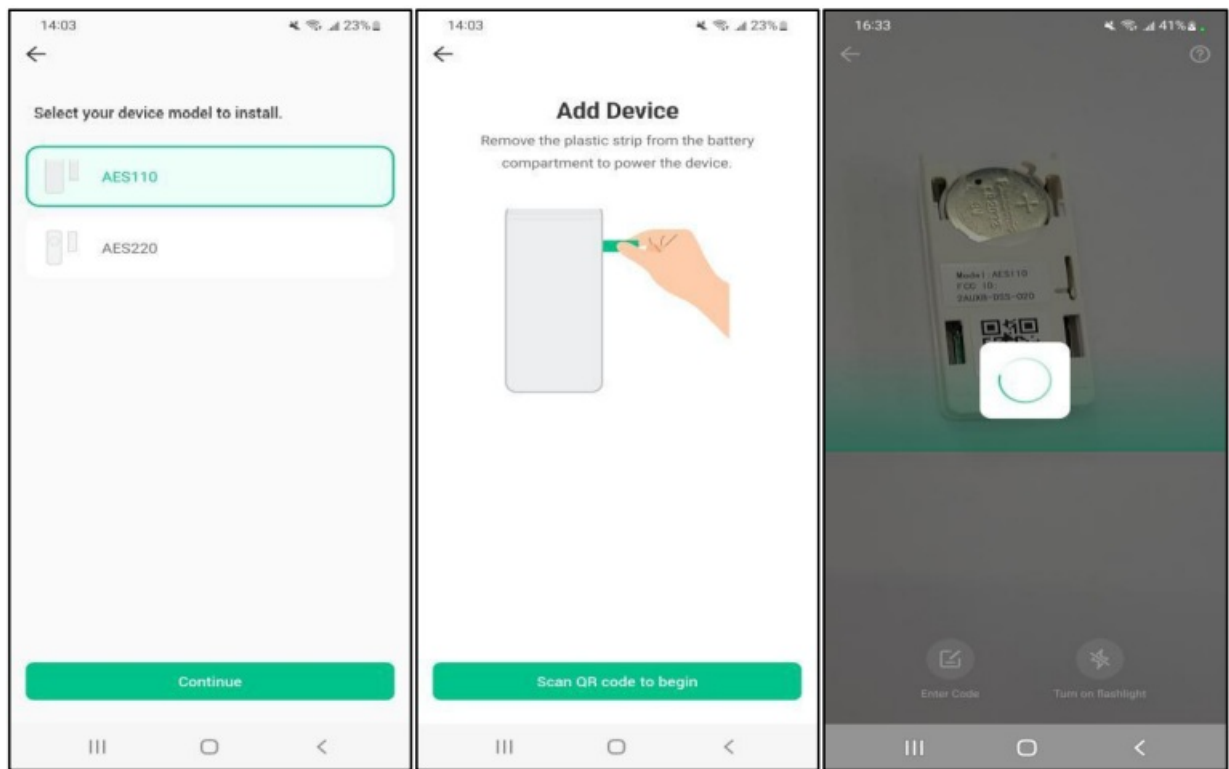

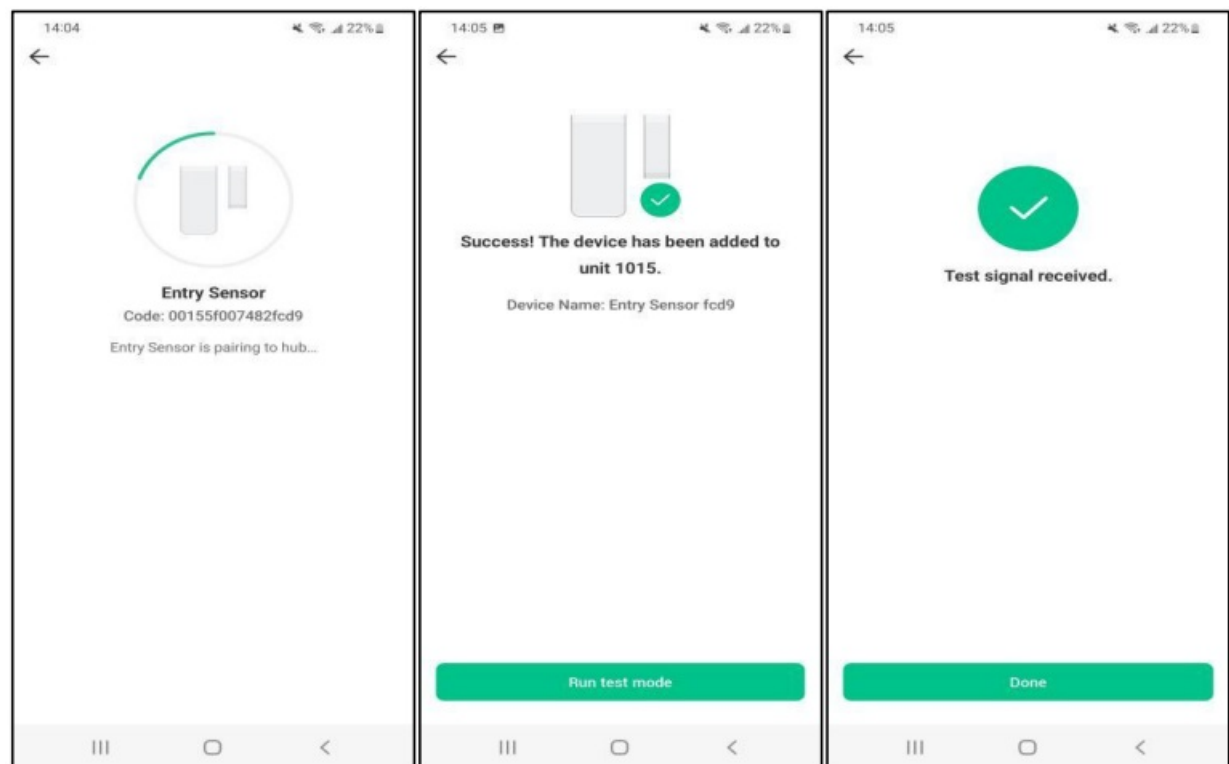Add smart hub, then test it.

3. **Add Zigbee sub device**

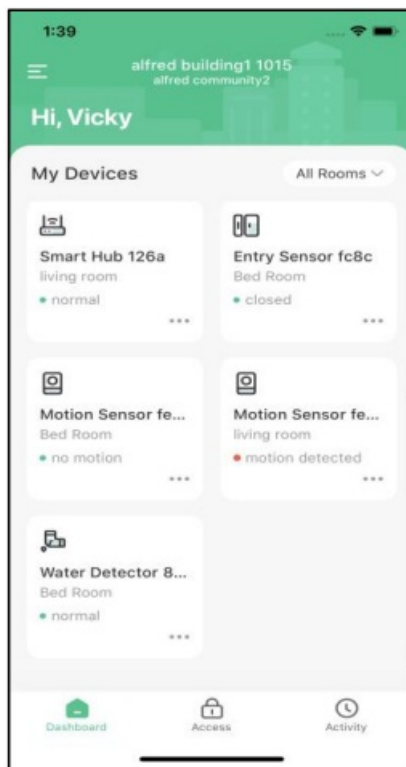Make sure your community, unit, and select room you want to add entry sensor.

Select device model, and then Scan QR code.

Connecting successfully, then run test mode,In this way the Zigbee sub-device is paired with the hub.

Then you can use the Resident APP to view device status and received security alert.

FCC STATEMENT

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.

Federal Communication Commission Interference Statement
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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination.

The firmware setting is not accessible by the end user.
This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body

FCC SDOC SUPPLIER'S DECLARATION OF CONFORMITY
Arize Corporation hereby declares that this equipment is in compliance with the FCC rules.
The declaration of conformity may be consulted in the support section of our Web site, accessible from
www.Arize.com

Documents / Resources

ASH120 User Manual	**ARIZE ASH120 Smart Hub** [pdf] User Manual ASH120 Smart Hub, ASH120, Smart Hub, Hub

References

- **User Manual**