

B.One Edge

Model: B.One Edge 1.0



All Things. Be One®



USER MANUAL

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1. Important Safety Information

Before using B.One Edge, please read the following information to avoid any potential dangers:

- 1. Disconnect the device from the power supply before cleaning.
Clean device with a damp cloth, do not use detergents under any circumstances.**
- 2. Do NOT place the device near heat sources such as ovens, microwaves hot pans and geysers**
- 3. Keep out of reach of children.**
- 4. Under no circumstances should you open the device. This must only be carried out by a qualified engineer.**
- 5. Do NOT touch the device with wet hands due to risk of electric shock.**

2. What is B.One Edge?

B.One Edge is a multi-protocol gateway with Z-Wave, Zigbee, BLE, BT, Wi-Fi (Dual Band), LTE Cat 4 and Universal Infrared Remote Learner and Repeater. It incorporates a state-of-the-art parallel processing architecture with real time performance to make it the fastest, most secure and first of its kind Edge Computing IoT gateway in the market.

3. Features of B.One Edge

- Edge is a multi-protocol gateway with Z-Wave, Zigbee, BLE, BT, Wi-Fi (Dual Band), LTE Cat 4 and Universal Infrared Remote Learner and Repeater.
- Delivers ultra low latency and high real-time experience in command execution and performance. Enables faster communication of real-time data from smart devices and published services.
- Sensors, devices and actuators driven data is computed and executed at the edge of the network reducing the reliability on low and intermittent connectivity to cloud services.
- Helps save bandwidth, storage, time and costs by limiting the data that needs to be transmitted to the cloud causing Network latencies.
- High value-Short term (smoke alerts, Intrusions etc.) data processed at real time (no dependency on Cloud latency) to help in emergency situations where the user requires immediate actions.
- User has the ability to keep their data secure and use the cloud when needed, ensuring privacy of all data generated at their homes. In addition, Military grade encryption at the “EDGE” ensures security of data against hacking.
- Ability to move analysis and Intelligence to the Edge of the network where the data is generated, enabling faster “call to actions”.
- Battery back up of upto two hours in case of power failure.
- LTE Sim card enabled (forward compatible with some 5G networks) to provide internet back up and redundancy in case of Wi-Fi failure

4. Included in the Box

B.One Edge, B.One Edge Adapter, 2 x Antennas, User Manual.

5. Technical Specifications of B.One Edge

Input	100 ~ 240V, 50/60Hz, 0.55A Max
Output	Output: 5V DC, 3.0A
Protocols Supported	Wi-Fi (2.4 GHz and 5.0 GHz), Zigbee, Z-Wave (US: 908.4 MHz / Australia: 921.4MHz / New Zealand: 921.4MHz / Europe: 868.4MHz / India: 865.2MHz), BT + BLE, 4G (LTE CAT 4), Infrared Learner & Repeater (30 - 60 KHz Carrier frequency)
Operating Temperature	0~40 °C, 0% - 90% RH
Dimensions	140 x 140 x 25 mm
Battery Backup	Up to 2 Hours
On-board sensors	Motion Sensor, Humidity Sensor, Temperature Sensor and Light Sensor
Z-Wave radio frequency	868.42MHz (EU) 908.42MHz (US) 921.42MHz (ANZ)
Amazon Alexa Integration	Yes
Google Assistant Integration	Yes

5. Light Indications on B.One Edge

1 Device Health	Power OFF	No Color
	Boot-up	RED
	Operating Normally	GREEN
2. Battery State	Failed	Fast Blinking RED
	Low Battery	Solid RED
	Charging (<50%)	RED Blinking
	Charging ($\geq 50\%$)	GREEN Blinking
	Fully Charged	GREEN
3. Cellular Connectivity	OFF	No Color
	Connecting	Blinking GREEN
	Connected	GREEN
	Failed to Connect/No SIM	Blinking RED
4.Wi-Fi Connectivity	OFF	No Color
	Connecting	Blinking GREEN
	Connected	GREEN
	Failed to Connect	Blinking RED
5.Motion Detection status	Motion Detected	BLUE
	No Motion Detection	No Color

6. B.One Edge App

B.One Edge App lets you manage your home from anywhere, anytime.

Manage your home security, energy, comfort and IR remote controlled electronic devices from anywhere in the world with one simple B.One Edge App.

Supports over 110 devices and all prominent wireless protocol standards

You can download the B.One Edge App from the Play Store or App Store

Play Store Url: <https://bit.ly/2n7F4wd>

App Store Url: <https://apple.co/2lCyKwo>



B.One Edge App allows you to do the following:

- Add Devices and create Actions across different devices.
- Provide access to Family and Friends to enable control of your devices.
- Control your connected Devices from anywhere.

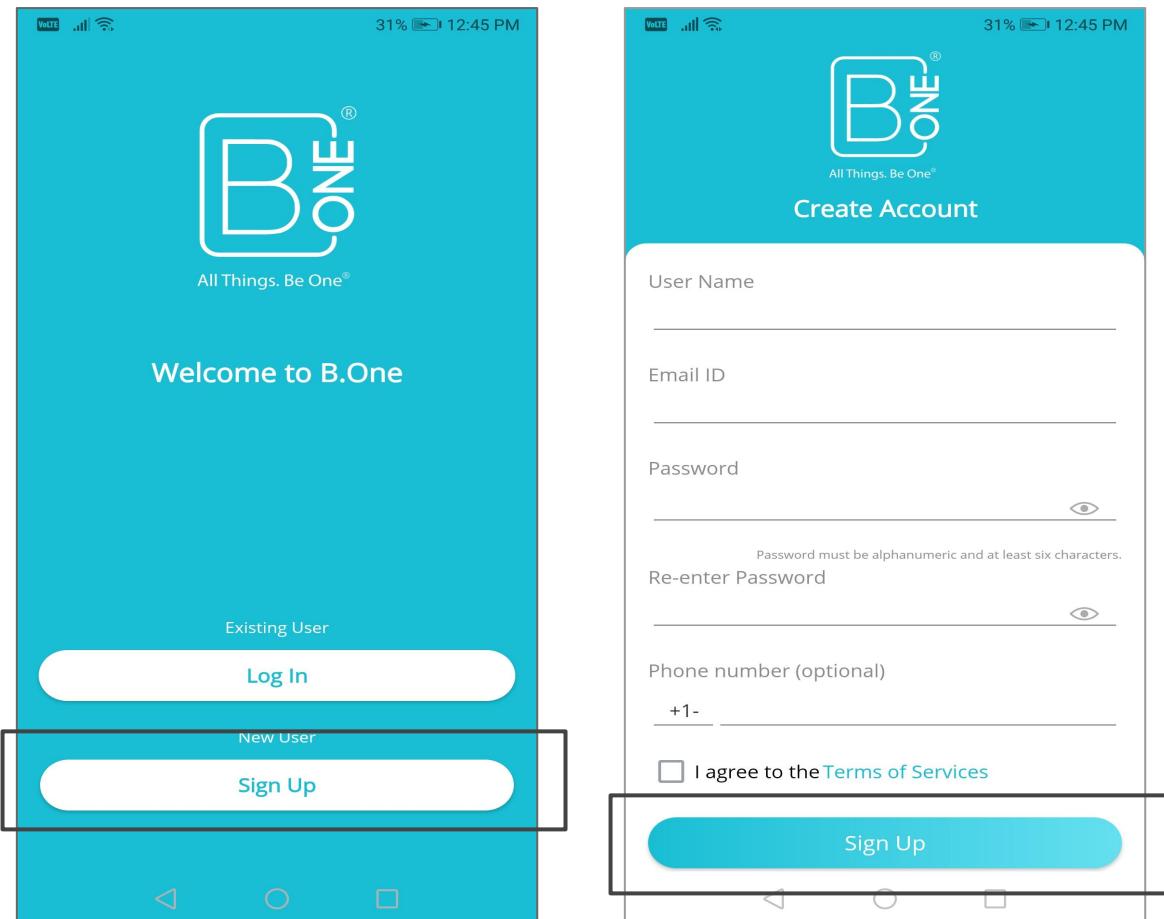
For detailed information, please visit <http://support.b1hub.com/application/>

7. Setting Up B.One Edge with Wi-Fi

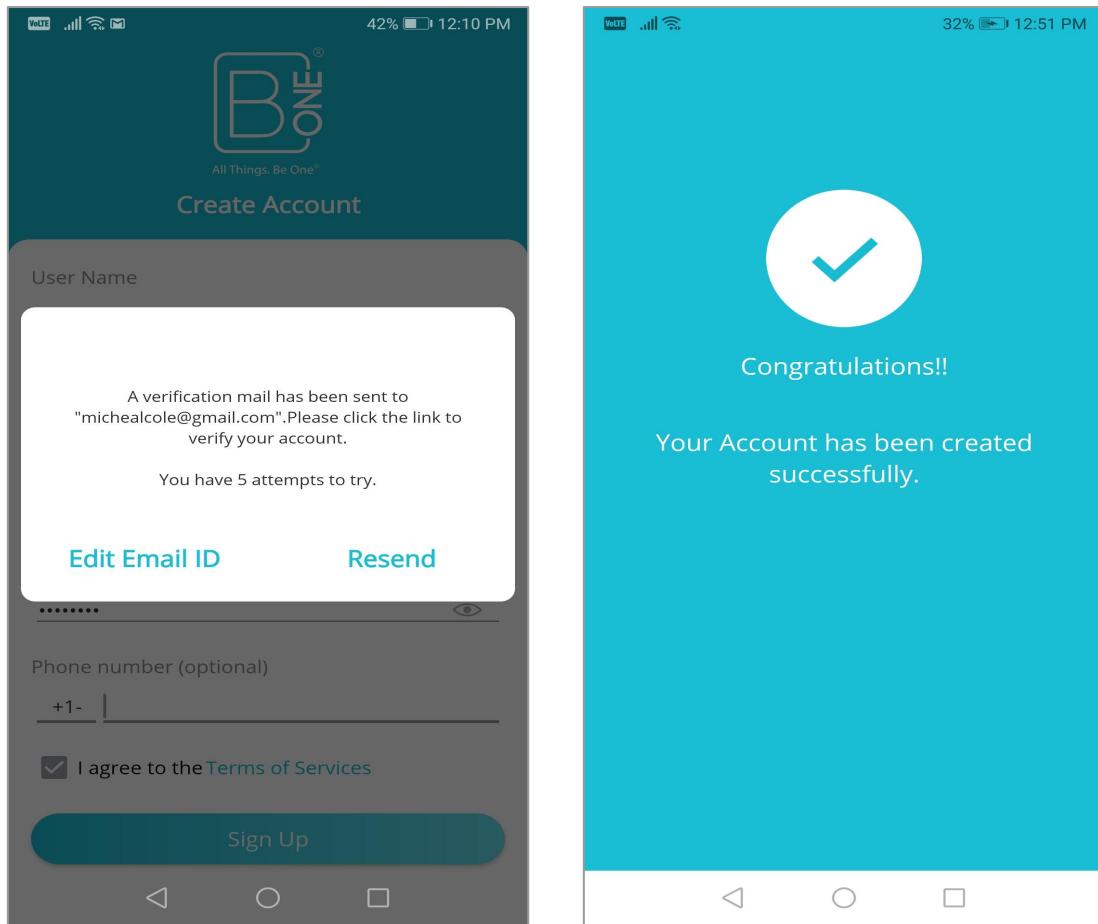
Step 1: Sign Up

Open B.One Edge App and proceed with the below instructions :

Login with your existing account or Sign up for a new account.



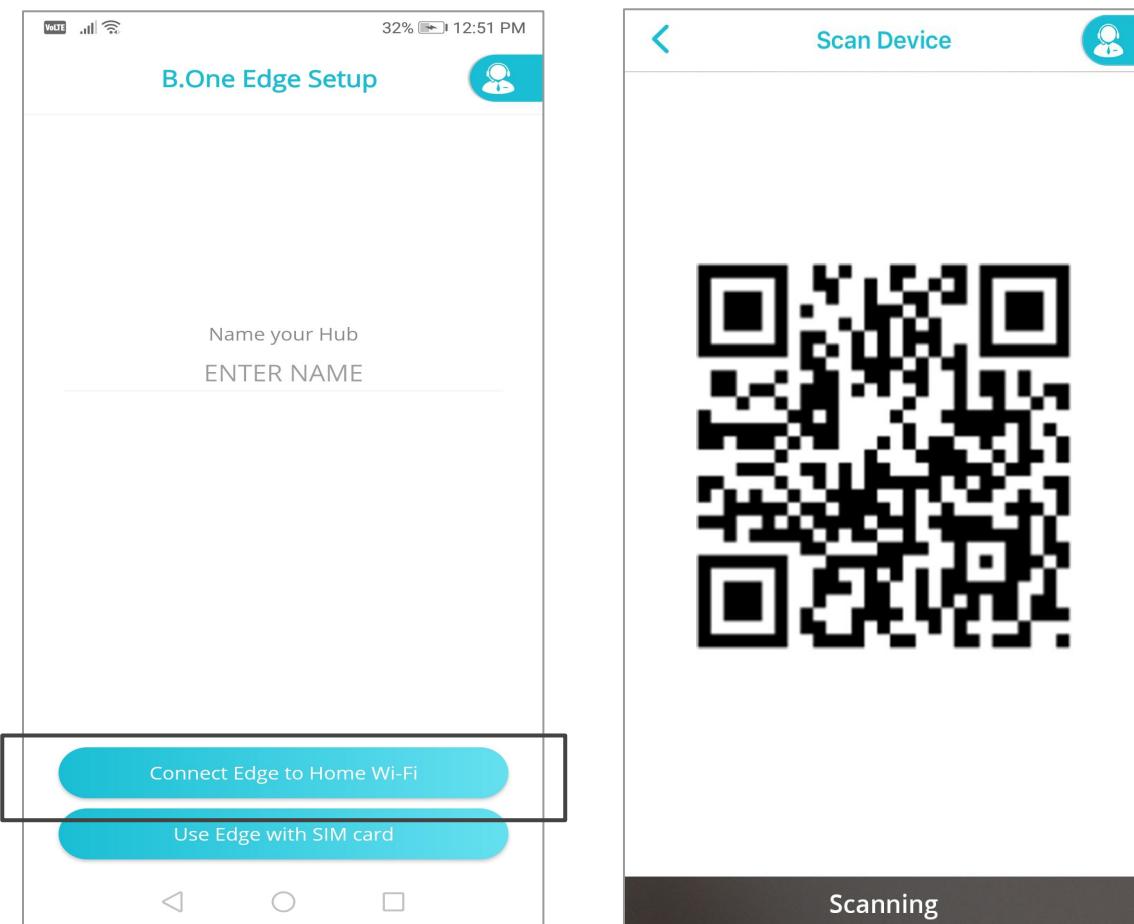
Once you have signed up, verify your registered email address.



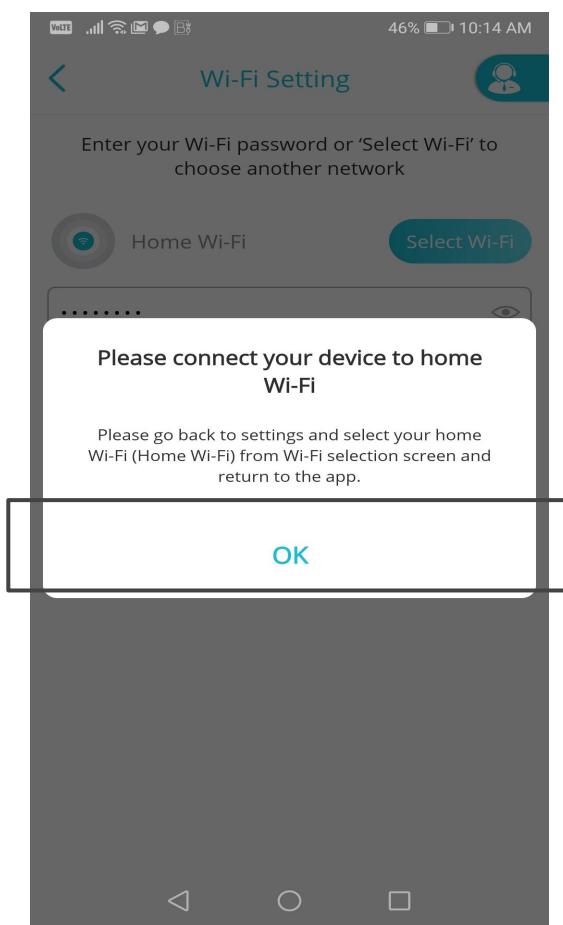
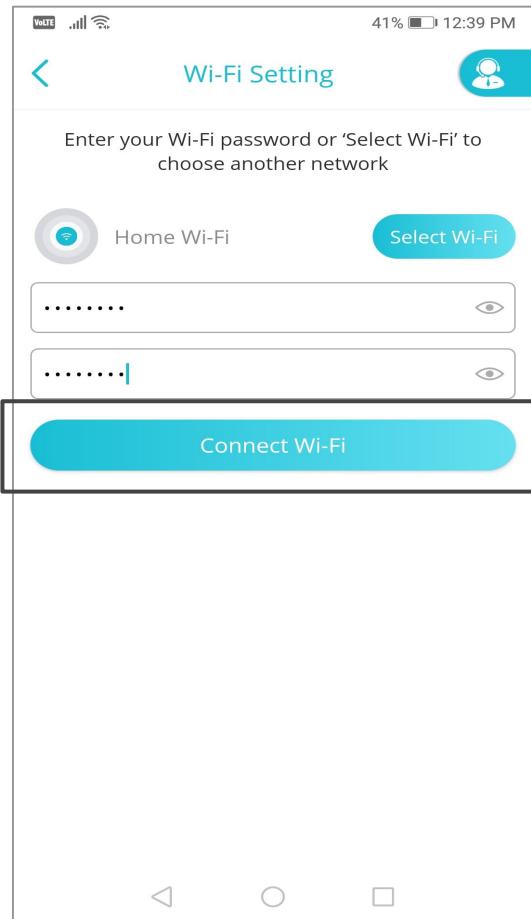
Step 2: B.One Edge Setup

Method 1: Setup with Wi-Fi

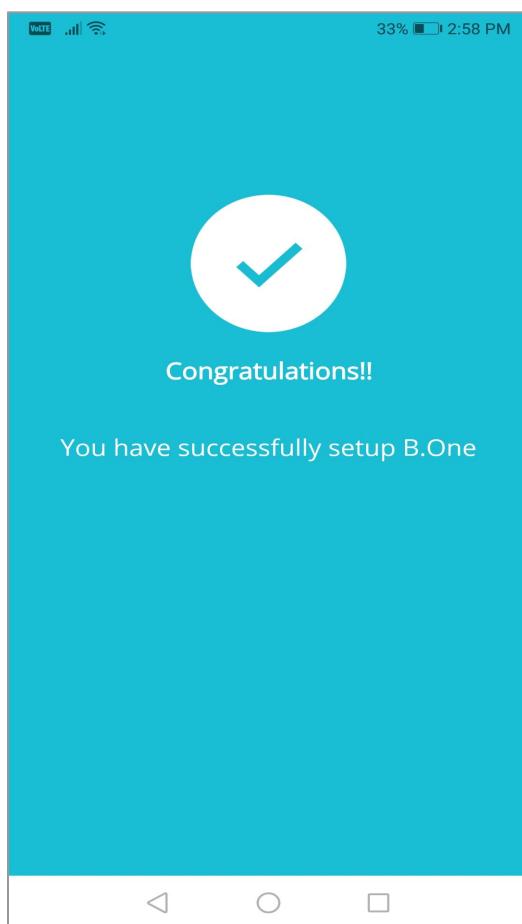
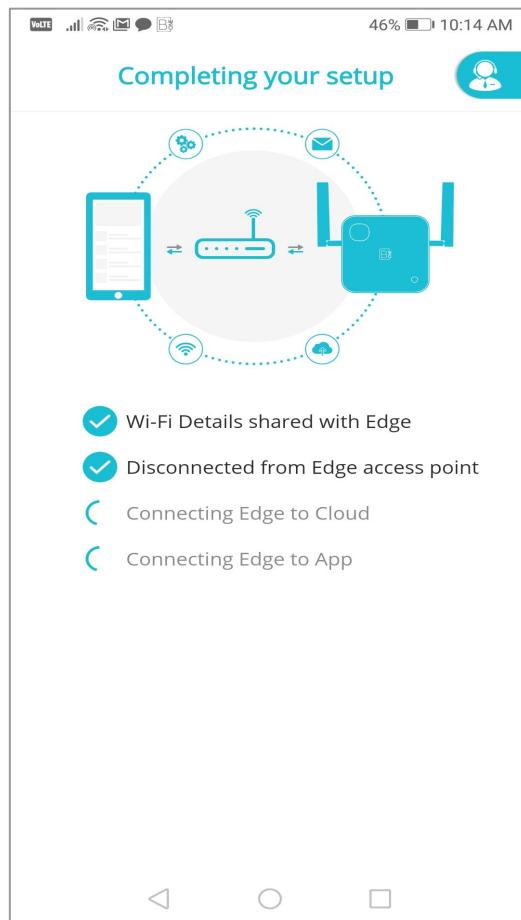
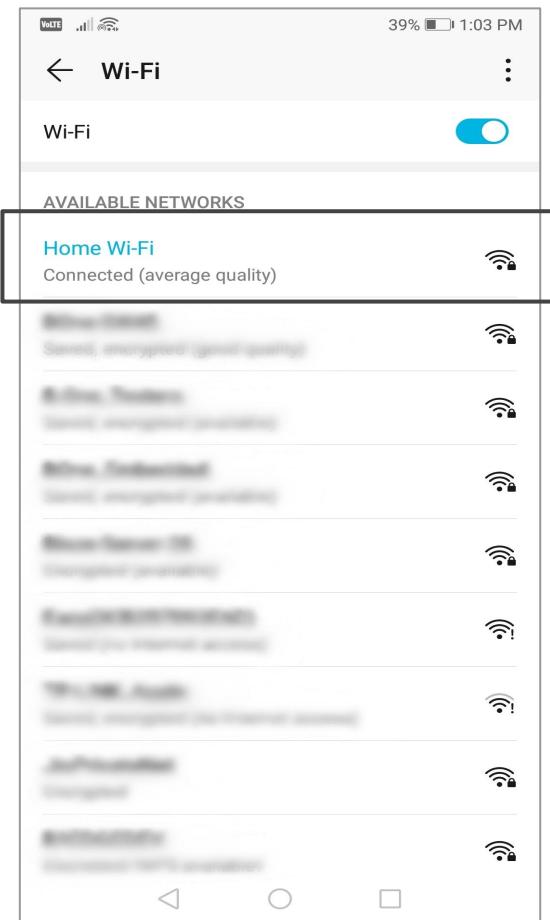
Once you login, enter the name for your B.One Edge and tap on **Connect Edge to Home Wi-Fi** and scan the QR CODE located behind the B.One Edge device or Package Box.



After scanning the correct QR CODE, select the desired Wi-Fi network and enter your Wi-Fi password.

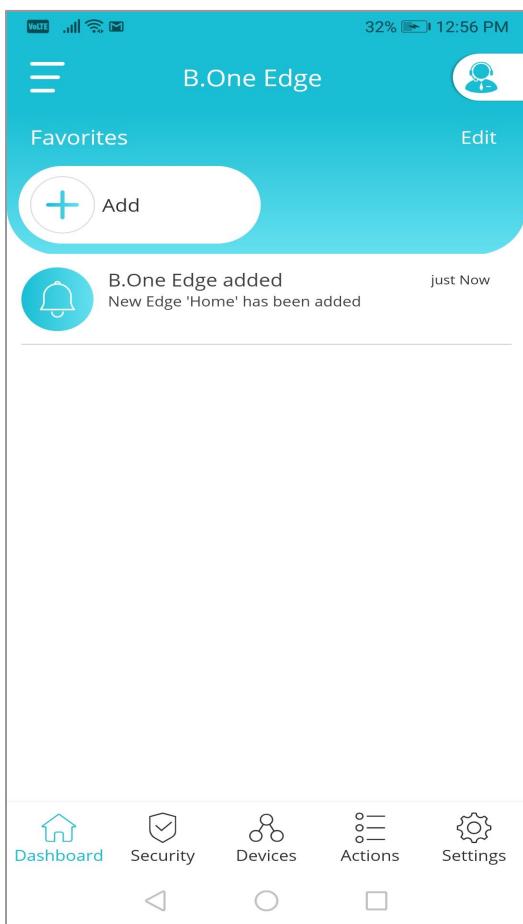
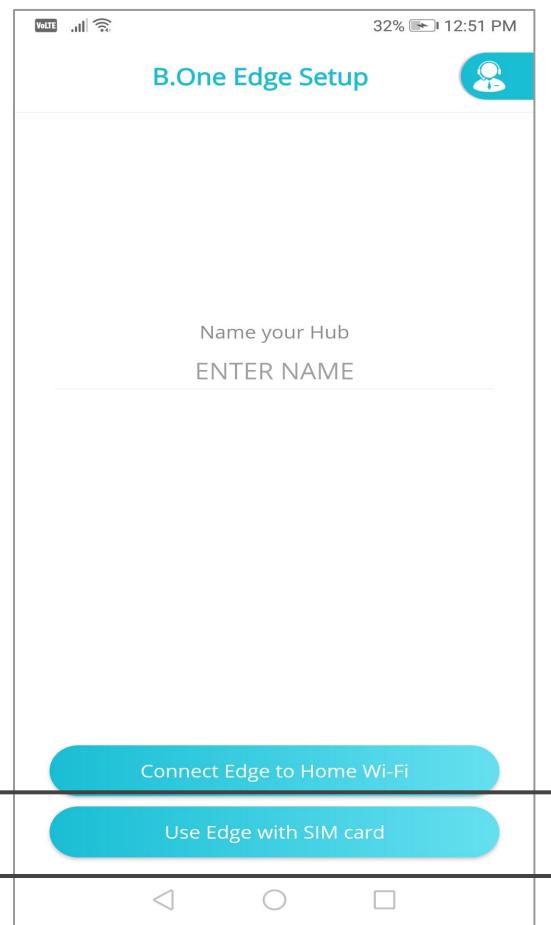


Click **OK**. Now open Wi-Fi settings in your phone and connect to your home Wi-Fi, after successfully connecting to your home Wi-Fi, go back to B.One Edge App to complete the setup.



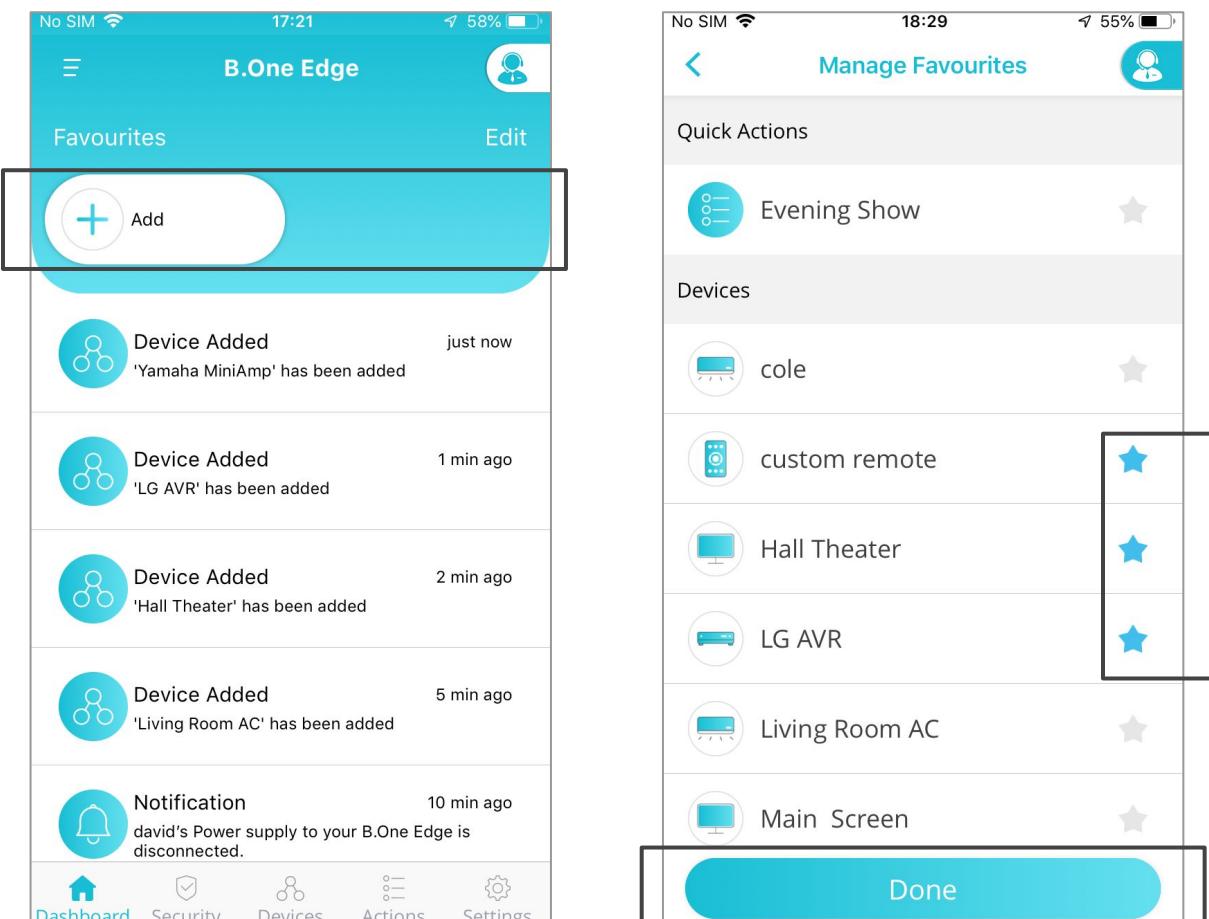
Method 2: Setup with SIM Card

Once you login, enter the name for your B.One Edge and tap on **Connect Edge with SIM Card** and scan the QR CODE located behind the B.One Edge device or Package Box. **(Note:** Make sure SIM card has an active internet plan)

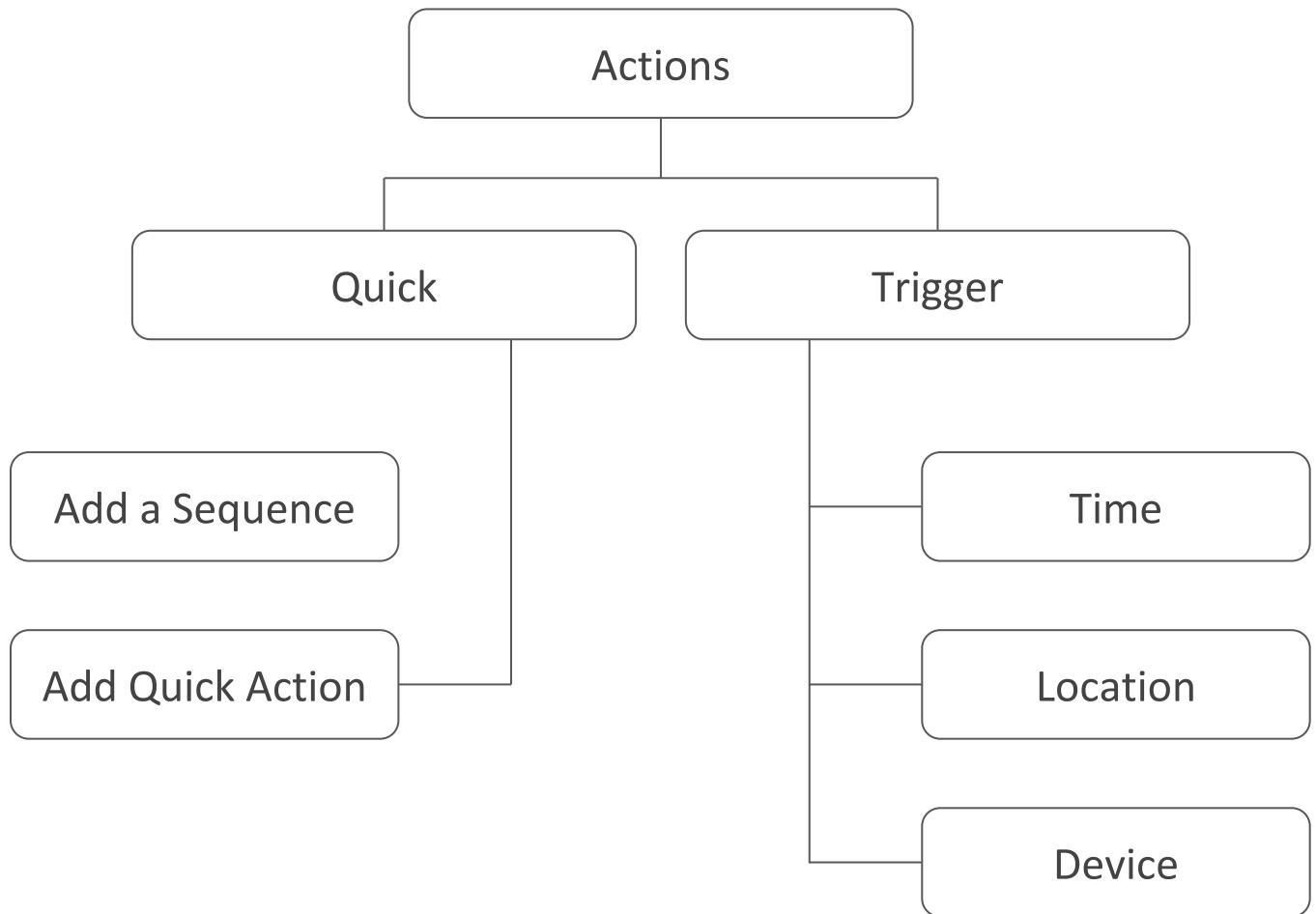


8. Adding or removing devices, actions from Favorites

On the **Dashboard**, tap on **Edit** at the top-right corner and tap the star icon to add on the devices, action. Tap **Done** (Unstar to remove the devices, actions)



9. Creating Actions in B.One Edge App



Quick Action:

(i) Sequence Action

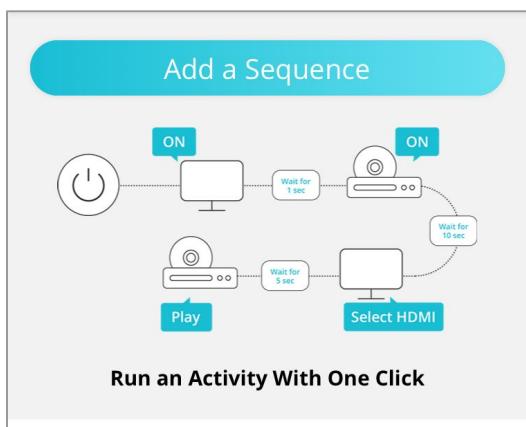
Run an activity with just a single click. To add a sequence, click on the 'Actions' tab at the bottom of the app. Then click on 'Add action' Tap on 'Add Sequence' and provide the required information. If you want to turn on/off multiple devices within a limited time frame (1 second - 120 seconds) you can sequence them accordingly. For example, you want to watch a movie in your home theatre, for which you can sequence the following:

First, turn on the television

Second, turn on sound system

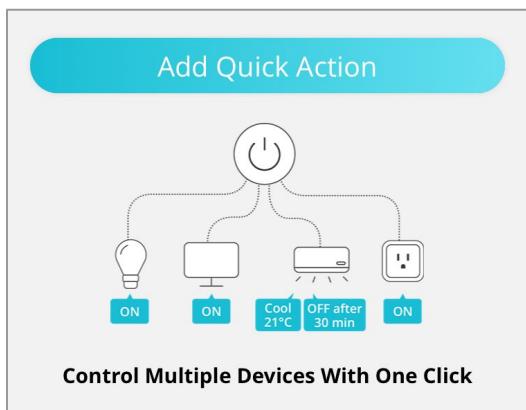
And lastly, turn on the air conditioner

All of the above activities can be done with one click using B.One app.



(ii) Add a Quick Action:

Quick actions allow you to control multiple devices such as lights, television and air conditioner with one click. To add a quick action, click on the ‘Actions’ tab at the bottom of the app, and tap on ‘Add a quick action’. Here you can add multiple devices and set actions such as turn on all or turn off all. For example, when you enter your house, you can set quick actions to turn on the lights and AC with a single click.

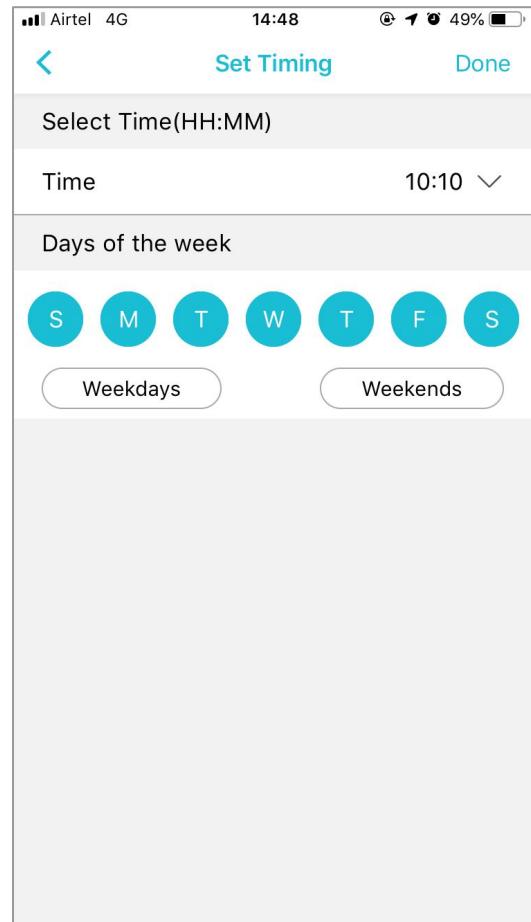
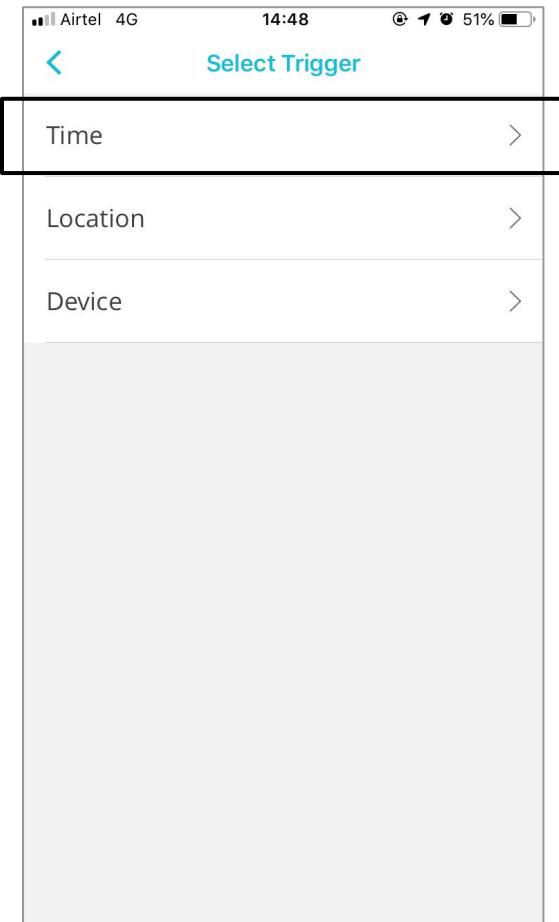


There are three categories under Trigger based Actions:

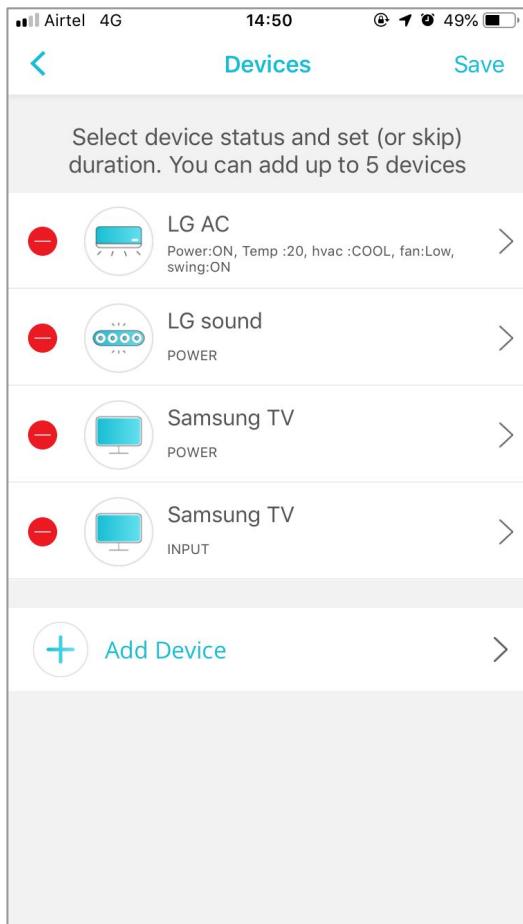
1. Adding Time based action

Time based action helps user to create a set of actions based on a specific time.

Control multiple devices when **time** input triggered. For example, turn off devices at 10:10 am everyday.

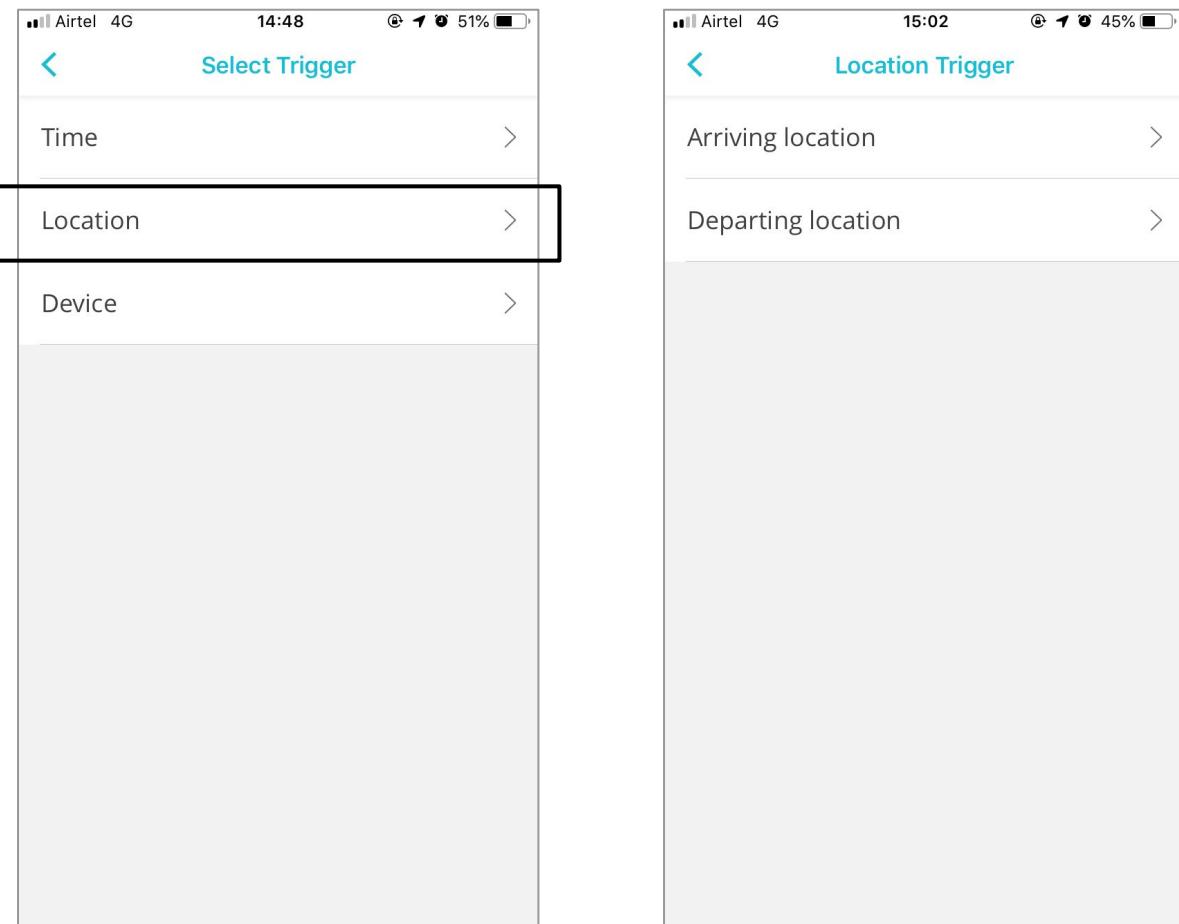


(Note: We can pick a Maximum of 5 connected devices for each Action)



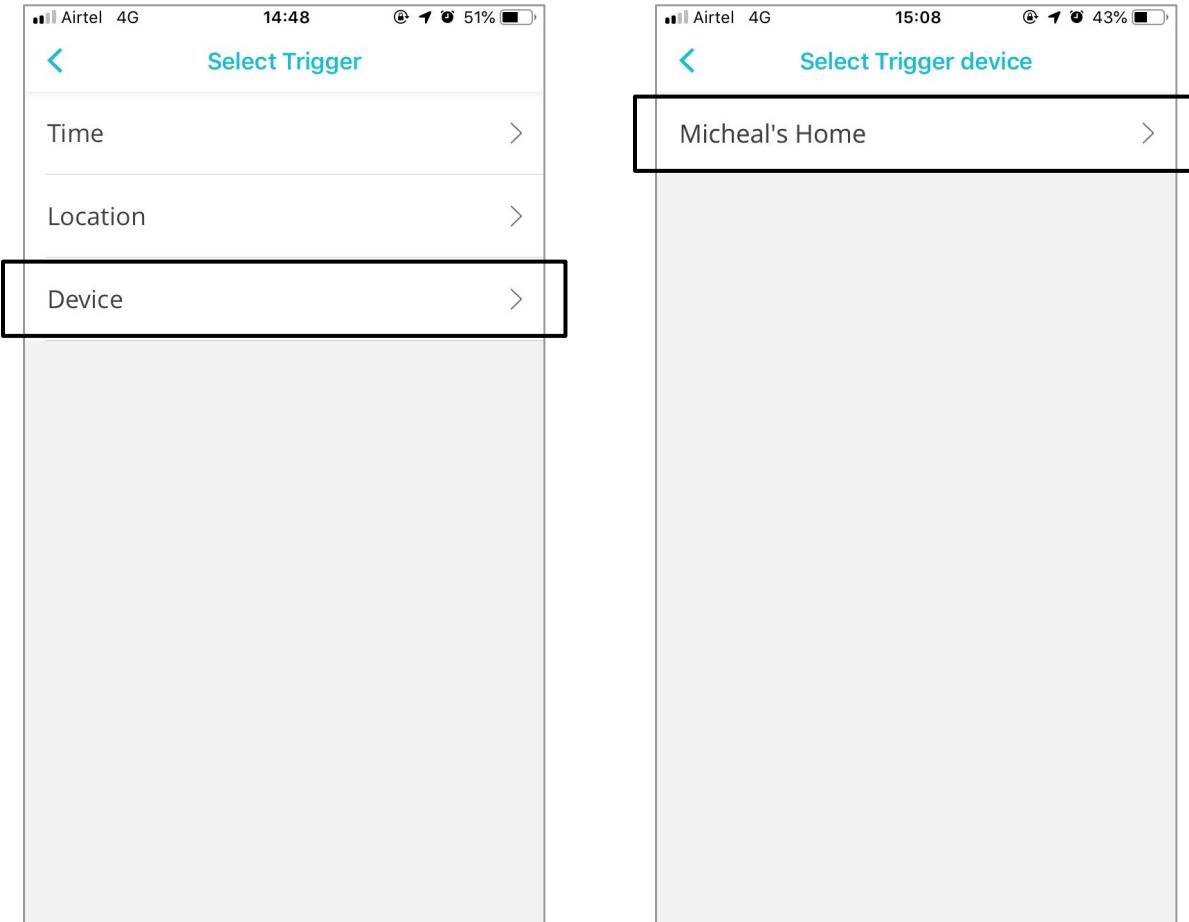
2. Adding Location based action

Geofencing, a location-based service which allows B.One app to use Wi-Fi or cellular data to trigger a pre-programmed action when a mobile device enters or exits a virtual boundary set up around a geographical location, known as a geofence. You can set actions before you enter or exit a particular area. For example, turn on all connected devices when you're 100 metres away from home.



3. Adding Device based action

Device based actions can be triggered on the basis of calibrated brightness & temperature values.

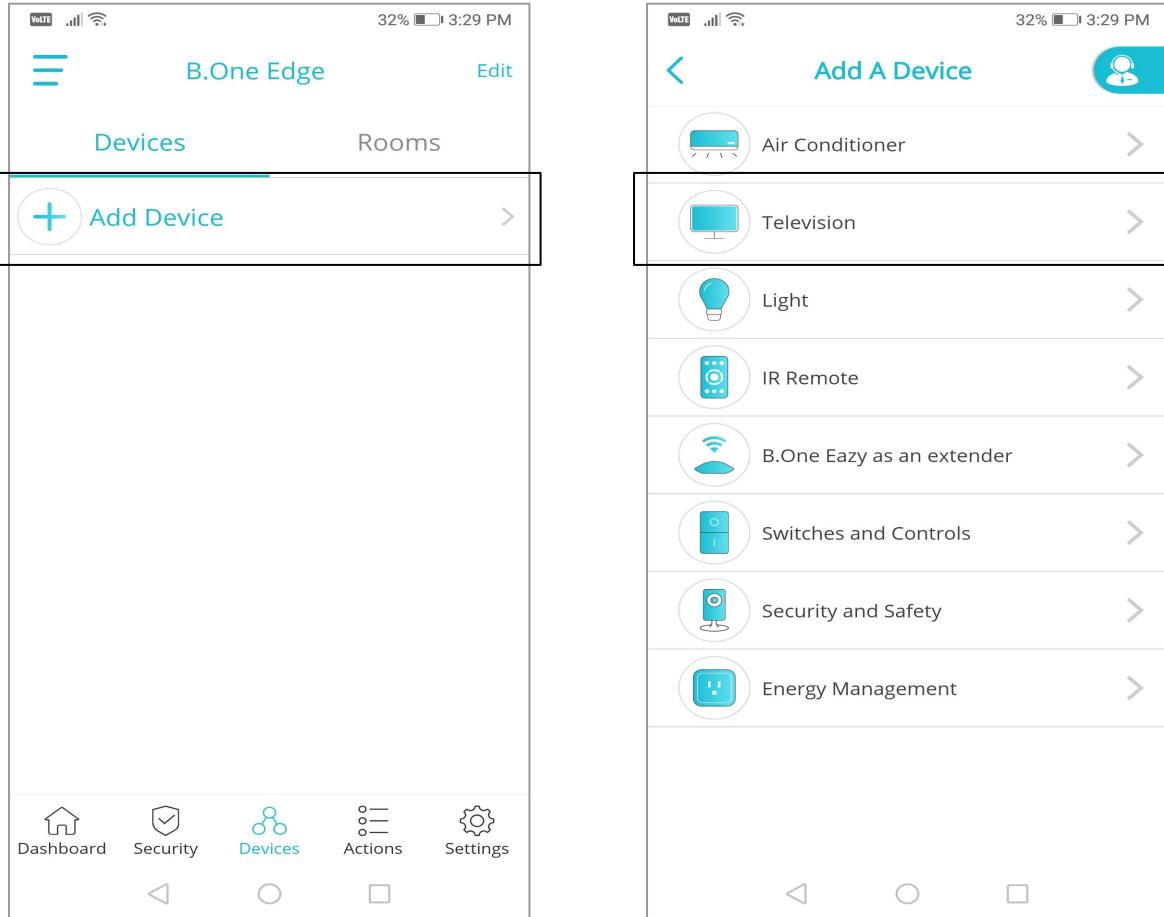


10. Adding devices to B.One Edge App

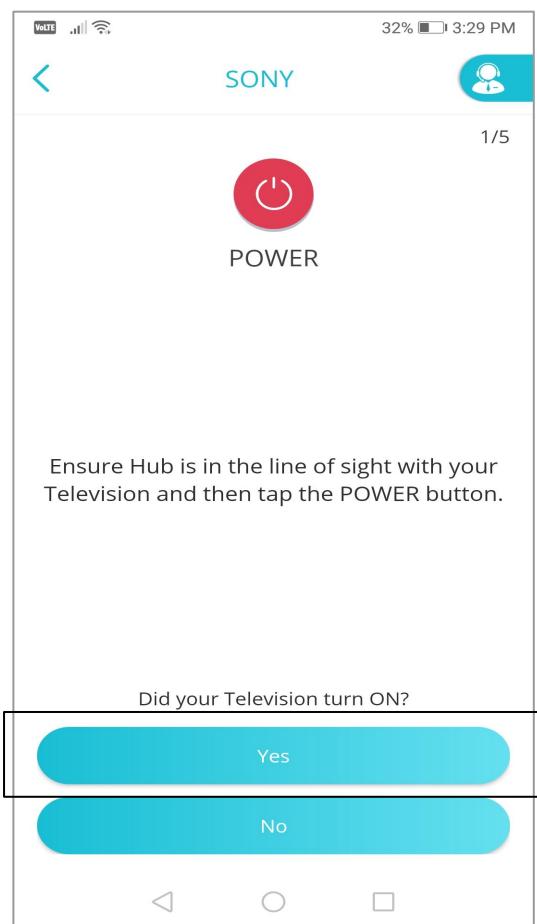
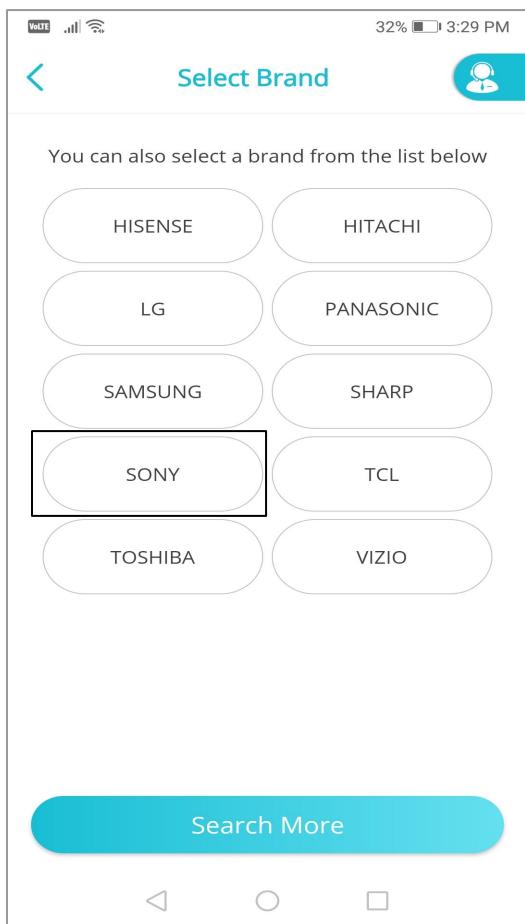
Once you have successfully set up B.One Edge, you can now add devices to your B.One Edge App. The screenshots below show the process of adding an IR based device.

Eg: Television.

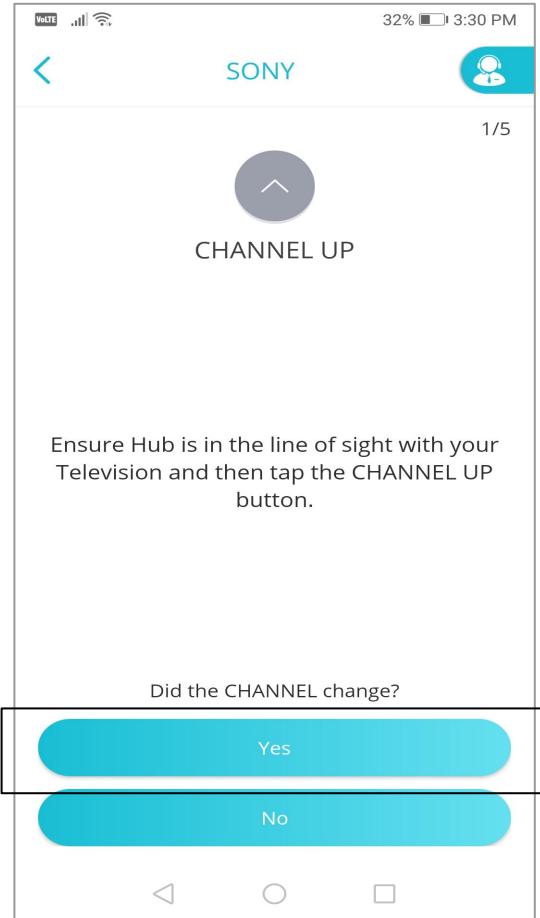
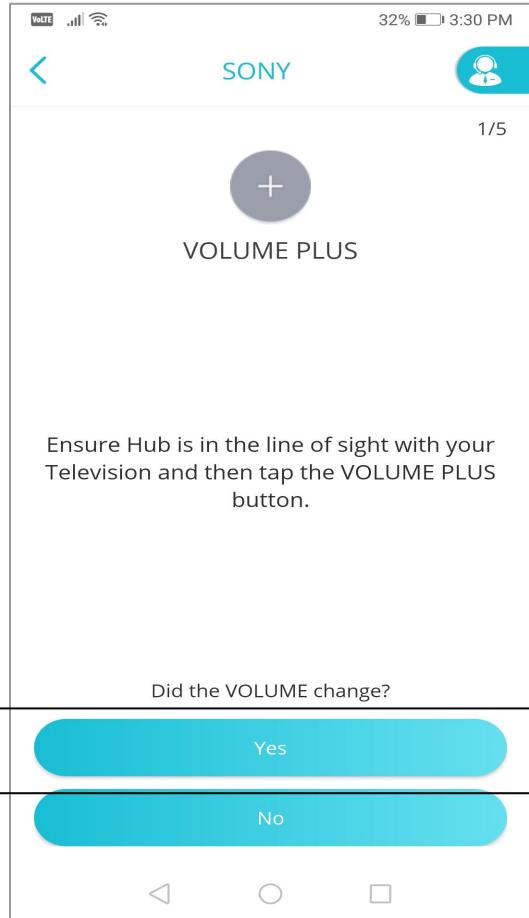
Go to “Devices” then tap “Add Device” and select “Television”



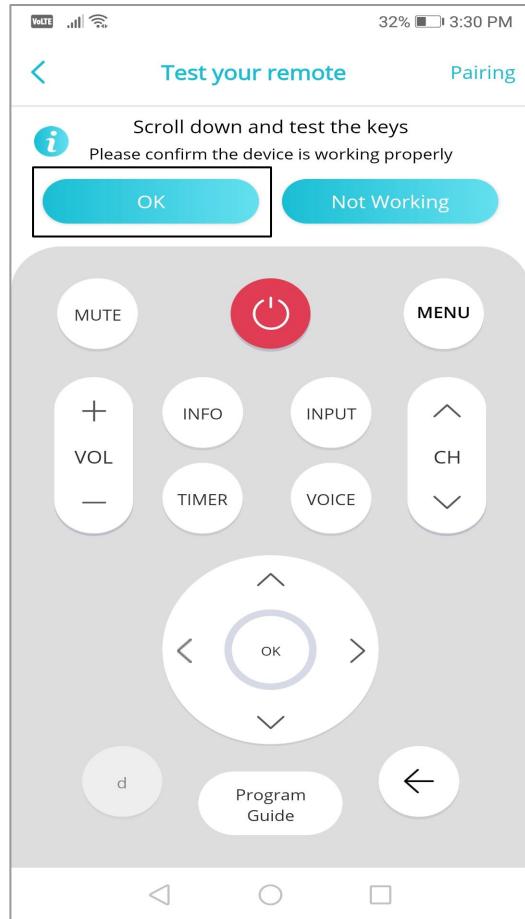
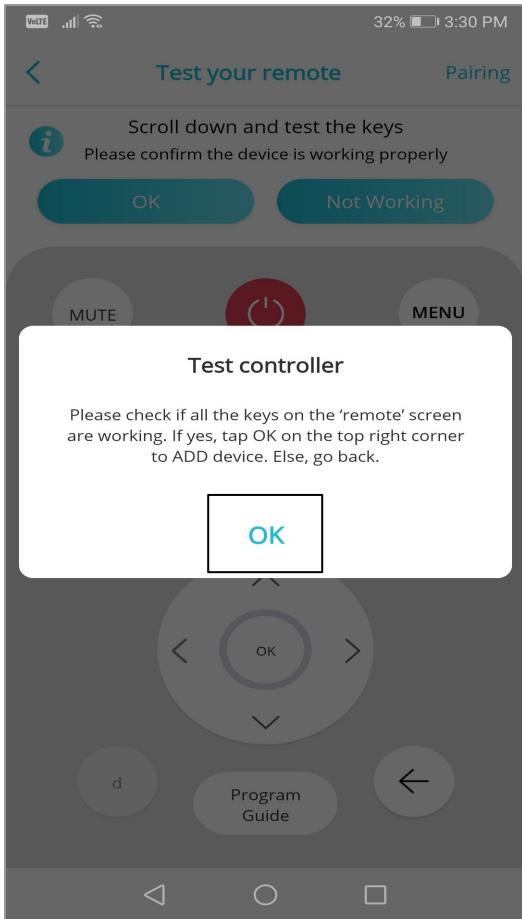
And now select a brand from the given options, after which you will be asked to test few keys and then tap 'Yes'



In a similar way, you can change the channel and adjust the volume.

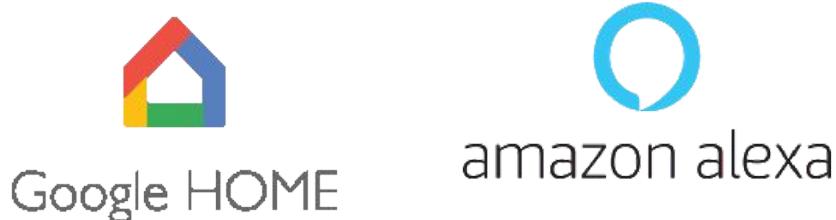


Please check if all the keys on the remote screen are working. If yes tap 'OK'.



11. B.One VoiceAct®

B.One VoiceAct® lets you give voice commands in order to control your devices. Works with Alexa and Google Home. You can use the universal remote feature to control all your devices with ease.



Google Home voice commands to control your Devices.

Just say: Okay Google, Turn ON **device name** or Okay Google, Turn OFF **device name**.

For better understanding please visit: <https://bit.ly/2YqNdta>

Alexa voice commands to control your Devices.

Just say: Alexa, turn ON **Device Name**, Alexa, turn OFF **Device Name**, Alexa mute **Device Name**

For better understanding please visit: <https://bit.ly/2keVRMX>

FAQ's

1. How many actions can I create in my B.One Edge account?

Unlimited actions can be created on B.One Edge.

2. My AC does not react after setup, what do I do?

Make sure there is clear line of sight between B.One Eazy and AC & also there must not be any obstacle between IR device & Eazy. If the issue persists, you can create a custom remote.

3. Where is the IR Learner located?

IR Learner is located on the left side of the B.One Edge Hub. Open the safety strap to view it.

4. What all protocols does B.One Edge Support?

B.One Edge supports protocols such as Wi-Fi , Zigbee, Z-Wave , BT + BLE, 4G (LTE CAT 4), Infrared Learner & Repeater.

5. Where are ports located on B.One Edge?

B.One Edge consists of power port at the front side, ON/OFF switch, SIM card slot, micro usb port, IR LED & IR Learner.

6. How do I add an extender(Eazy Hub) to my Edge?

Open B.One App, tap Devices, tap Add Devices, select B.One Eazy as an extender & follow on screen instructions (Extenders can be used to control IR devices in other rooms)

7. How I restart my B.One Edge in case my device goes unresponsive?

Open the strap located on left side of B.One Edge & use a sharp pointed object to toggle the ON/OFF switch.

8. Why am I unable to see lights on my Edge when I turn it ON?

B.One Edge will need at least 2-4 minutes to completely turn ON.

9. How to delete a device from my B.One Edge App?

Open B.One Edge App, tap Devices, tap Edit, tap the red icon & continue with on screen instructions.

10. Where can I find the status info about my B.One Edge?

Open B.One Edge App, tap Settings, select About B.One Edge.

11. Which network do I need to connect to add/delete Z-Wave/Zigbee device?

User must be connected to same access point to which B.One Edge is connected. This helps user to avoid unauthorised addition/deletion of devices.

12. How to update firmware of my B.One Edge?

Open B.One Edge App, tap Settings, select Hub Settings, tap Update Firmware & Enter B.One account password.

13. Forgot my B.One Edge App password, what do I do?

To reset your B.One Edge password follow below steps,

- Open B.One Edge App and Tap Login.
- Tap **Forgot Password** and Enter your email address associated with the Hub.
- Tap Next. You will receive temporary password.
- Now, open B.One Edge App, Tap Login and enter your email address and the temporary password.
- After successful Login, tap **Settings** at the bottom-right corner and select **Password**. Enter the temporary password in the current password & new password fields and tap **Change**.

14. How to change Wi-Fi network or access point of my B.One Edge?

- Connect your phone to BOne-Edge.702XXXXXXXXX network in your phone Wi-Fi settings and open B.One Edge App.
- Tap on **Settings** present at the bottom-right of your screen.
- Select **Hub Settings** and tap on **Change Access point**.
- A pop-up Appears. Enter your B.One password.
- Select the desired Wi-Fi network from the list and enter the password of the network. (Note: If you do not see the Wi-Fi network in the list, tap on Refresh icon. If you still do not see it, tap on Enter SSID to manually enter the name of your Wi-Fi router.)
- Then, tap on Connect Wi-Fi. Now, connect your phone to Wi-Fi network to which the Hub is connected and go back to the B.One Edge App.

15. How do I add guest users to control devices on my Edge?

- Open B.One Edge App, tap **Settings**, select **Manage Users**, tap **Add User** and enter the user details and assign privileges to monitor and control assigned Devices, Actions to your B.One Edge.
- After successfully entering the user details and assigning privileges, tap **Add User** to add a guest user to the B.One Edge account.

16. What does the white bulb indicate on my B.One Edge?

The white bulb on B.One Edge indicates the Motion detection.

17. Does my B.One Edge switches to SIM network automatically when Wi-Fi is lost?

Yes. B.One Edge switches to SIM network automatically when Wi-Fi is lost.

18. If I encounter any issues with the device or the B.One App, how do I get Assistance?

Open B.One App, tap Settings, tap Customer Support, select FAQ/Email/Call and follow on screen instructions.

Alternatively, you may contact us via

Email : Support@blazeautomation.com

USA Toll-Free number: 1888-810-4071

INDIA Toll-Free number: 1800-212-5828

AUSTRALIA Toll-Free number: 1800-180-810