

SS302 Test Manual

Command Class Test

Command Class	Test Device
Application Status Command Class	
Association Command Class	Most devices
Association Group Information Command Class	Support Controller AMC ZRC-90 AMC ZRC-80 VISION ZL7435 VISION ZD2102
Basic Command Class	Remotec ZFM-20
Battery Command Class	Sensor devices
Binary Sensor Command Class	Binary Sensor Generic Device Class
Binary Switch Command Class	Binary Switch Generic Device Class
Configuration Command Class	TimeValve GasLock
Controller Replication Command Class	
CRC-16 Encapsulation Command Class	Aeon Labs HomeEnergyMeterG2
Device Reset Locally Command Class	
Door Lock Command Class	Kwikset SMART CODE
Manufacturer Specific Command Class	Most devices
Meter Command Class	Aeon Labs smart energy switch
Multi Channel Command Class	Remotec ZFM-20
Multi Channel Association Command Class	Remotec ZFM-20
Multilevel Sensor Command Class	Multilevel Sensor Generic Device Class
Multilevel Switch Command Class	Multilevel Switch Generic Device Class
Powerlevel Command Class	
Schedule Entry Lock Command Class	Kwikset SMART CODE
Security Command Class	Kwikset SMART CODE
Thermostat Fan Mode Command Class	Honeywell thermostat
Thermostat Mode Command Class	Intermatic CA8900
Thermostat Operating State Command Class	Intermatic CA8900
Thermostat Setpoint Command Class	Intermatic CA8900
User Code Command Class	Kwikset SMART CODE
Version Command Class	Most devices
Wake Up Command Class	Sensor devices
Z-Wave Plus Info Command Class	

Link page : <http://www.enblink.com/en-blog/forums/topic/enblink-z-wave-descriptions/>

Home screen



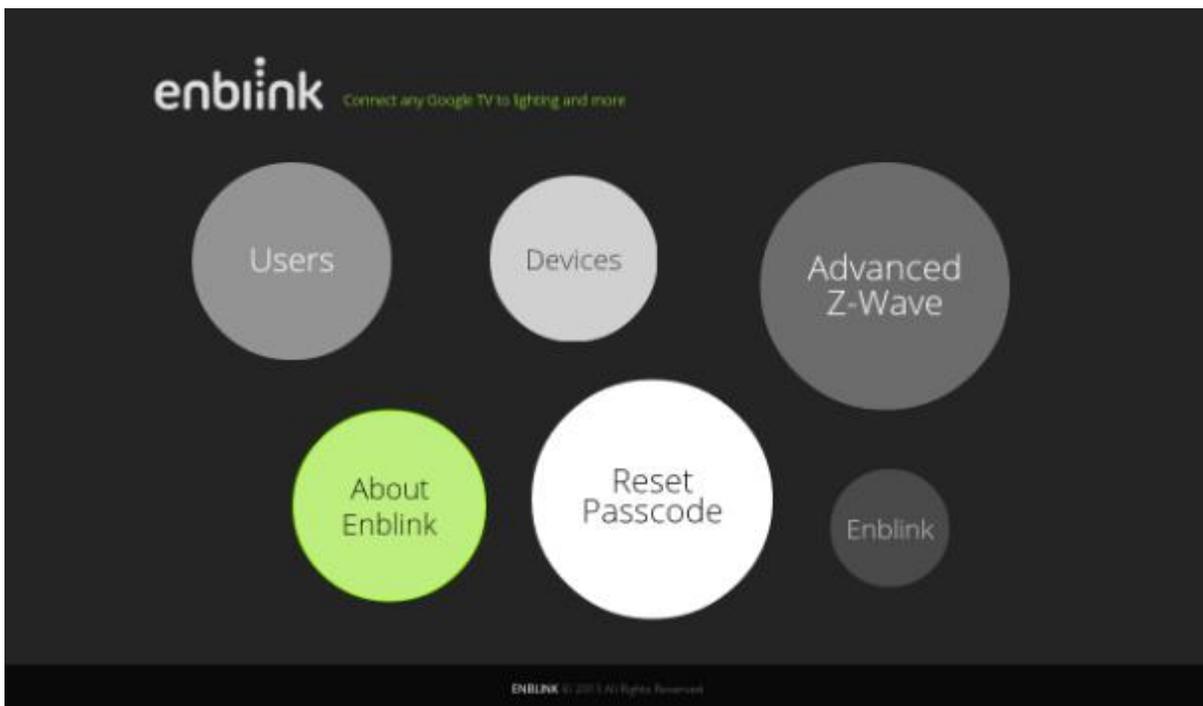
Factory reset

It resets configuration both on cloud and controller. Configuration such as device information and user information are all cleared. Information in Z-Wave module is cleared like Z-Wave PC controller reset. Sessions with mobile apps are disconnected and cleared. The serial has to be deleted and registered again after factory reset.

If this controller is the primary controller for your network, resetting it will result in the nodes in your network being orphaned and it will be necessary after the reset to exclude and re-include all of the nodes in the network.

If this controller is being used as a secondary controller in the network, use this procedure to reset this controller only in the event that the network primary controller is missing or otherwise inoperable.

1. DUT > About Enblink > Factory reset

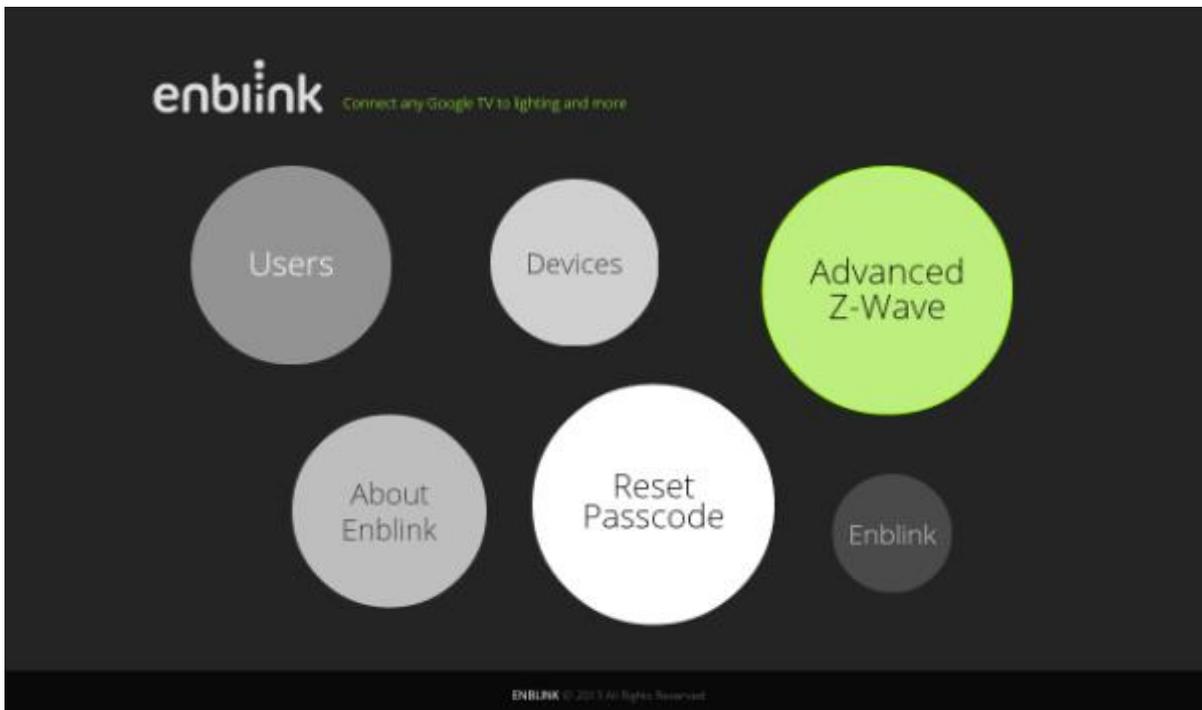


Join (Primary : PC Controller / Secondary : DUT)

"Join" should be used for an enblink to be included into other Z-Wave network.

It is similar to the "Learn Mode" menu in Z-Wave PC Controller. "Node Info" packet will be transmitted.

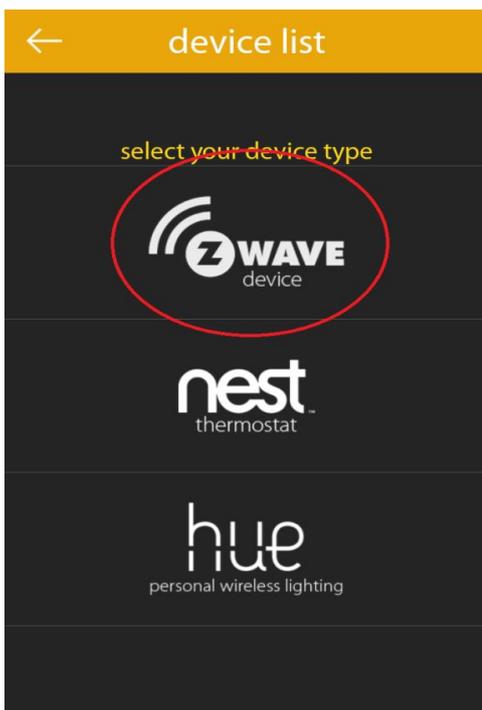
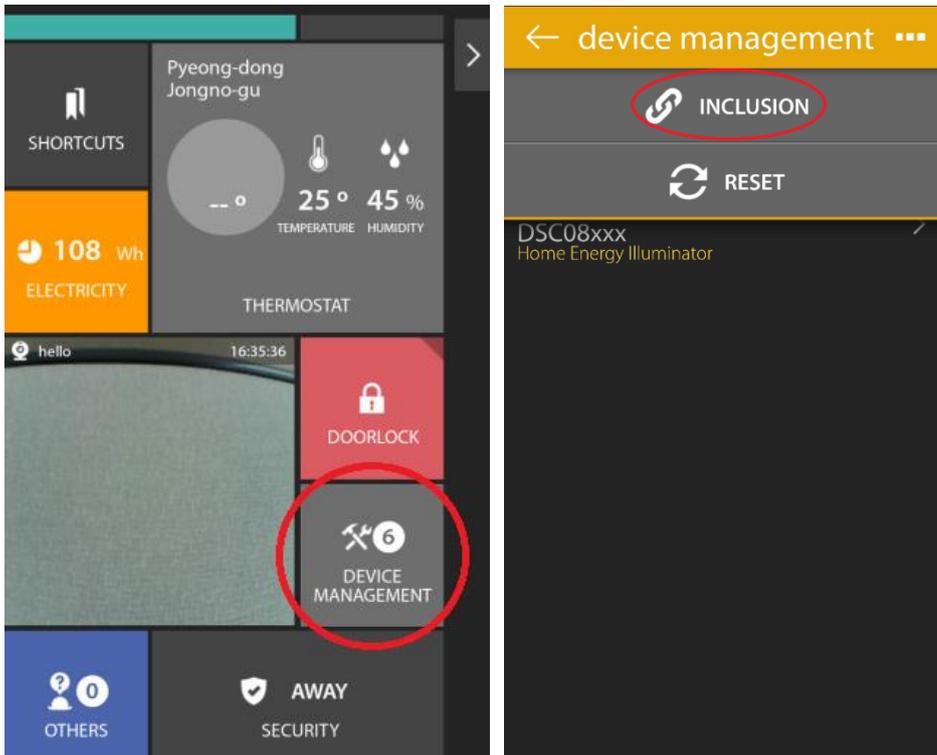
1. PC controller > ADD (inclusion mode).
2. DUT > Advanced Z-Wave > Join/Leave



Join (Primary : DUT / Sencondary : PC Controller)

"Inclusion" should be configured on mobile app to include other Z-Wave controller. It's almost same to include device.

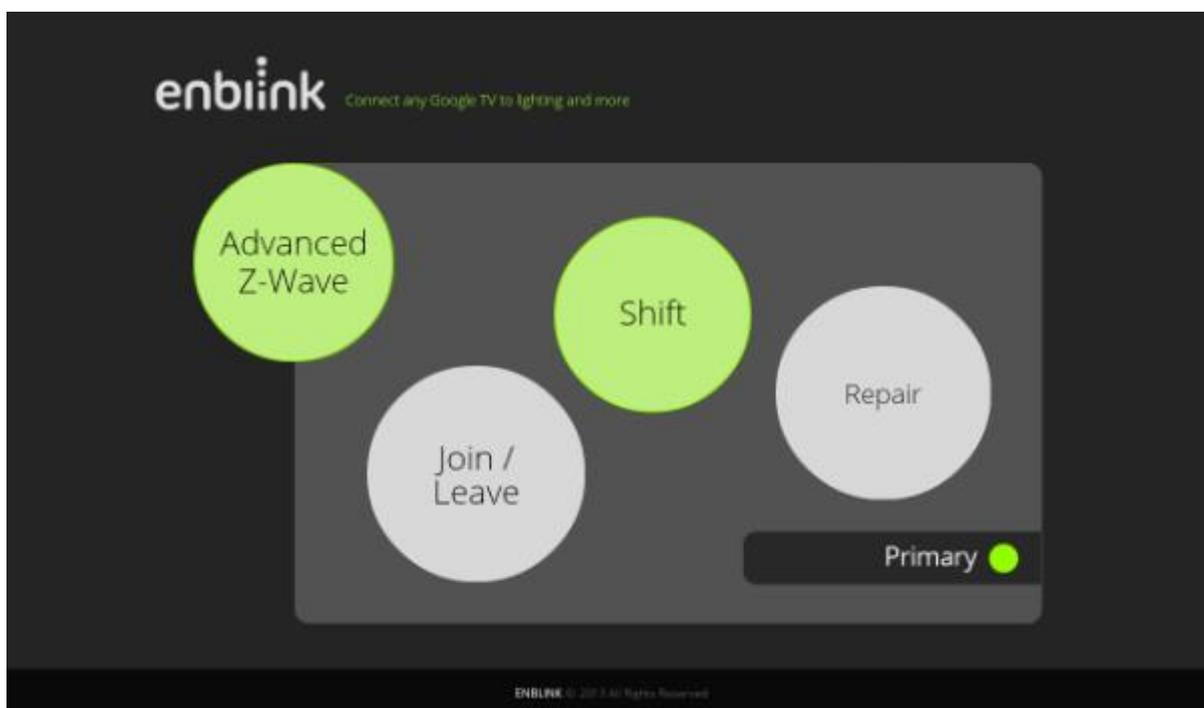
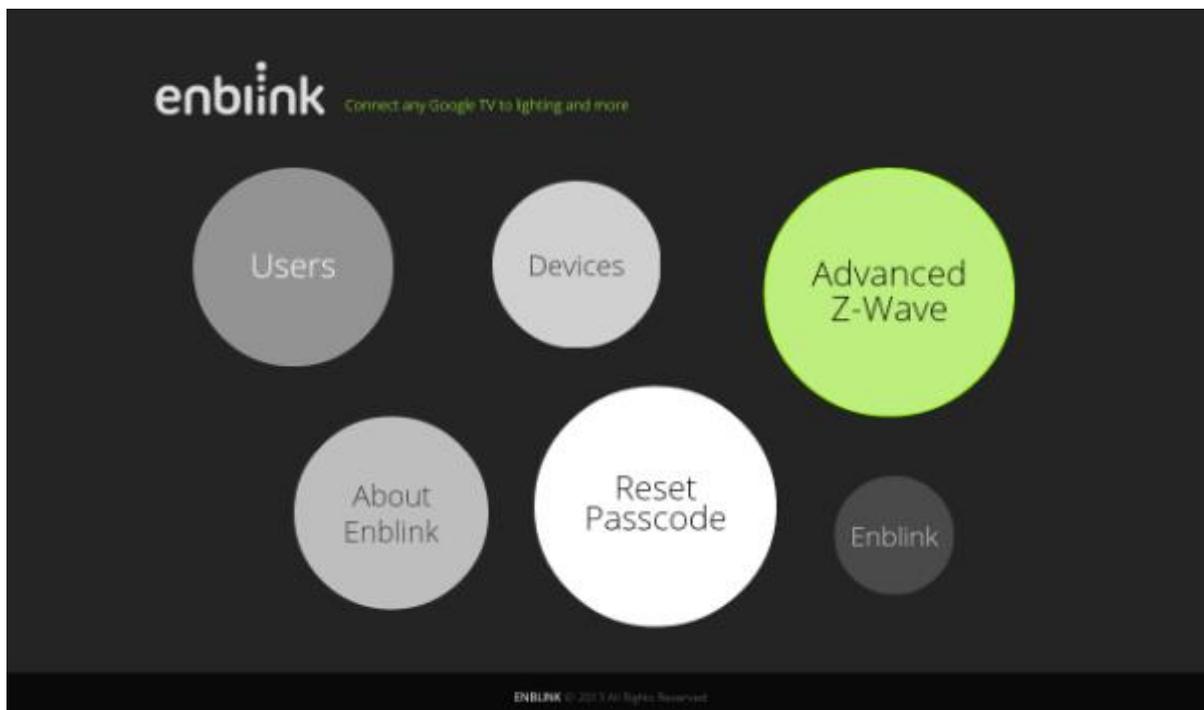
1. Phone App > DEVICE MANAGEMENT > Menu (Inclusion) > Z-Wave
2. PC Controller > Start Learn Mode (Node info).



Shift (Primary : DUT <-> Secondary: PC Controller)

It is a function to shift my self – a primary controller – to other controller. I will wait for “Node Info” from the other controller.

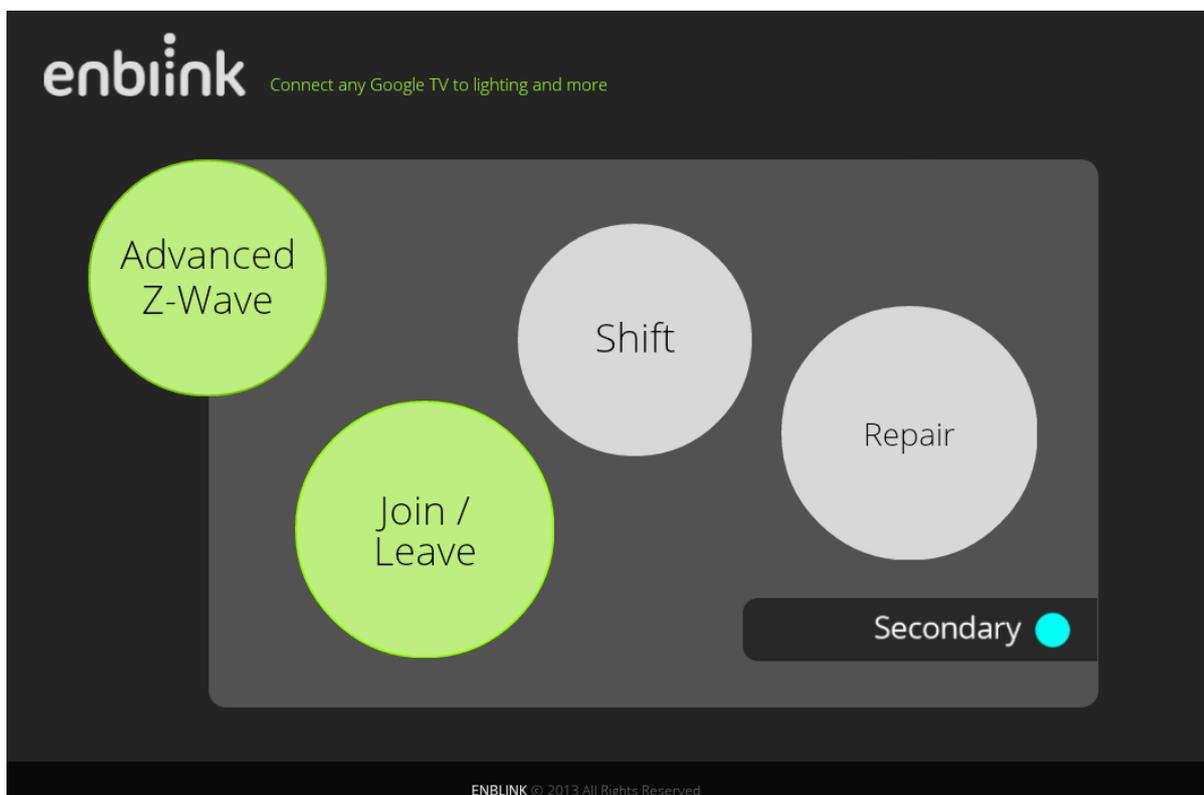
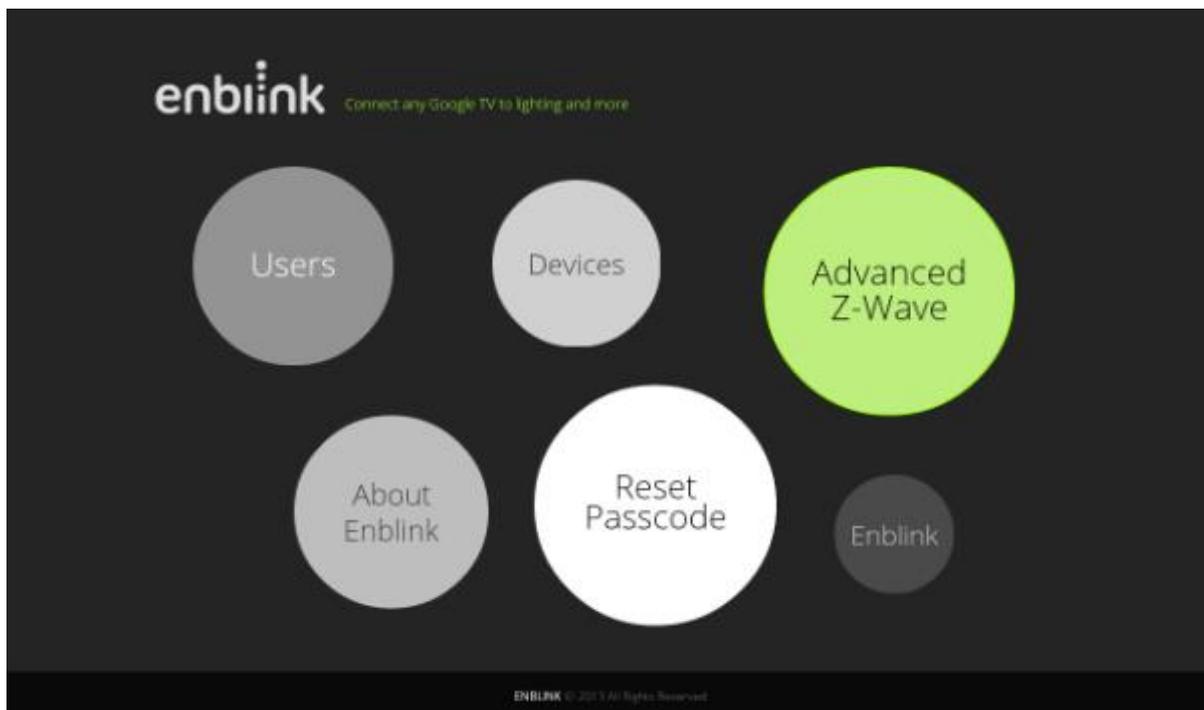
1. DUT > Advanced Z-Wave > Shift
2. PC controller Node info.



Shift (Primary : PC Controller <-> Secondary: DUT)

"Learn mode" should be configured by selecting "Join/Leave" button to work with other controller's shift mode. It will transmit "Node Info" packet.

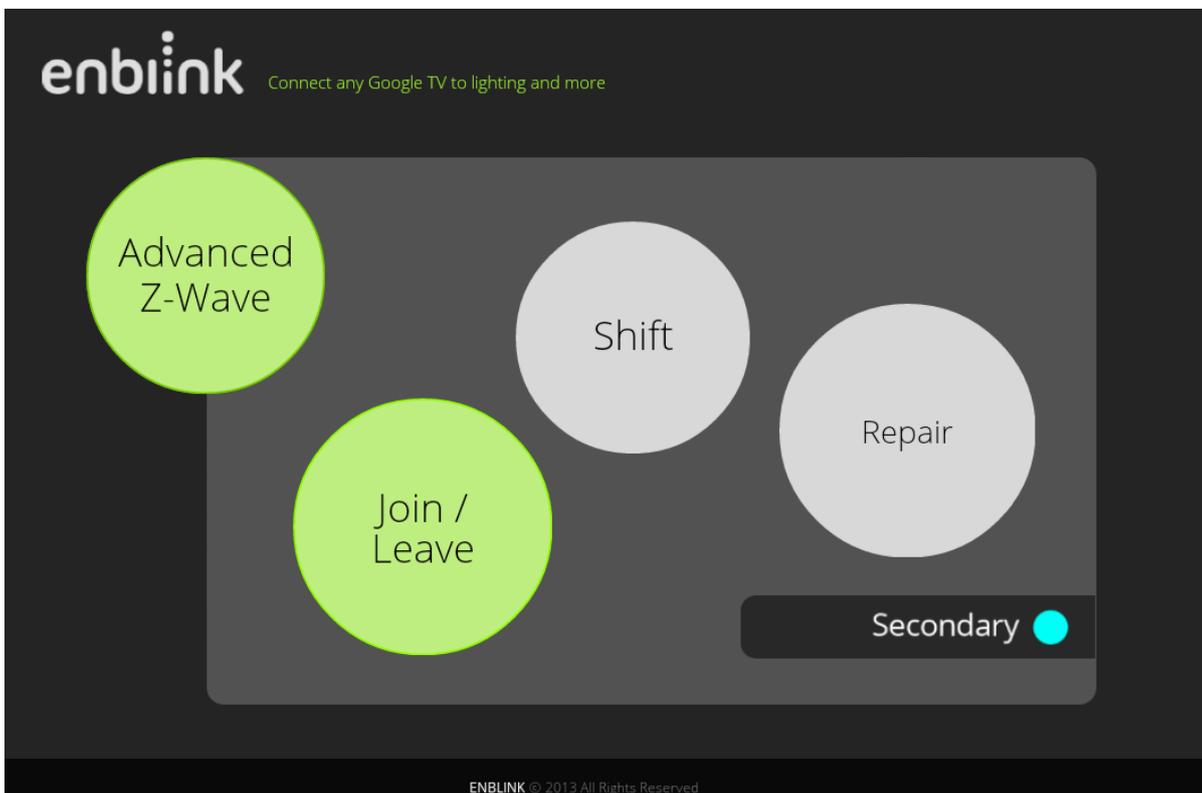
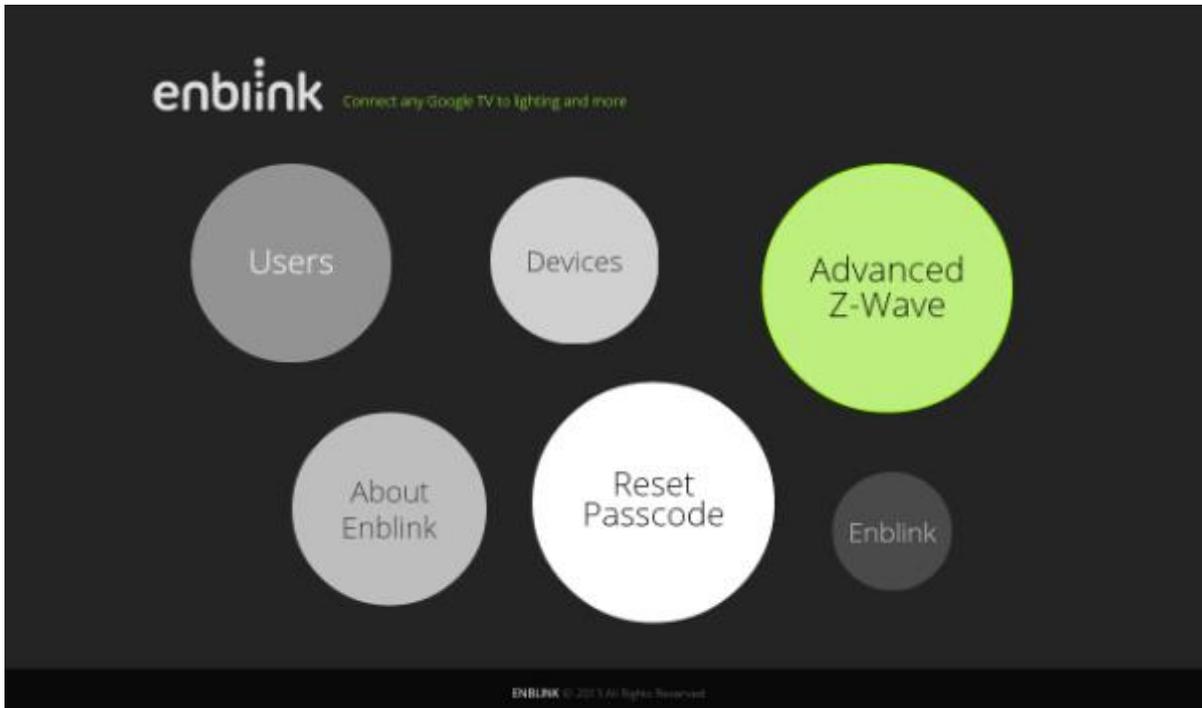
1. PC Controller Shift mode.
2. DUT > Advanced Z-Wave > Join/Leave



Leave (from PC controller)

It's a function to leave from Z-Wave network. It will leave from current Z-Wave network when "Join/Leave" button is selected.

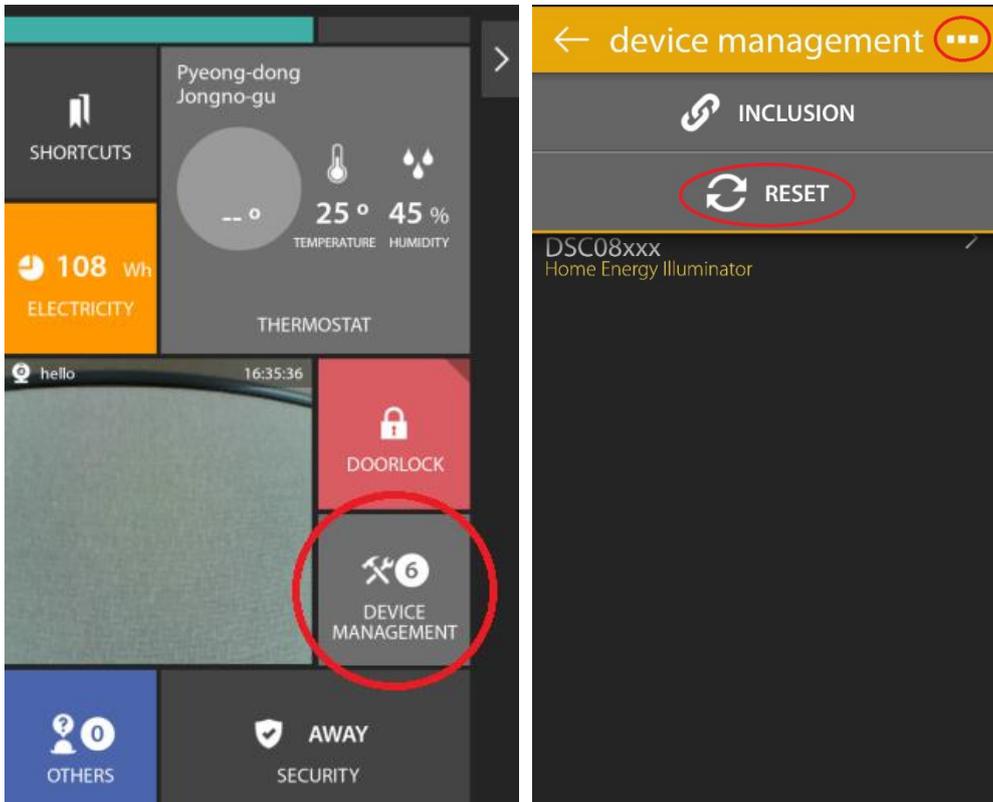
1. PC controller > exclusion(REMOVE) mode.
2. DUT > Advanced Z-Wave > Join/Leave



Leave (from DUT)

To remove(exclude) a device from DUT's Z-Wave network, "RESET(exclusion)" should be configured on the mobile app.

1. PhoneApp > Device Management > Menu (RESET)
2. PC controller > Start Learn Mode (Node info).

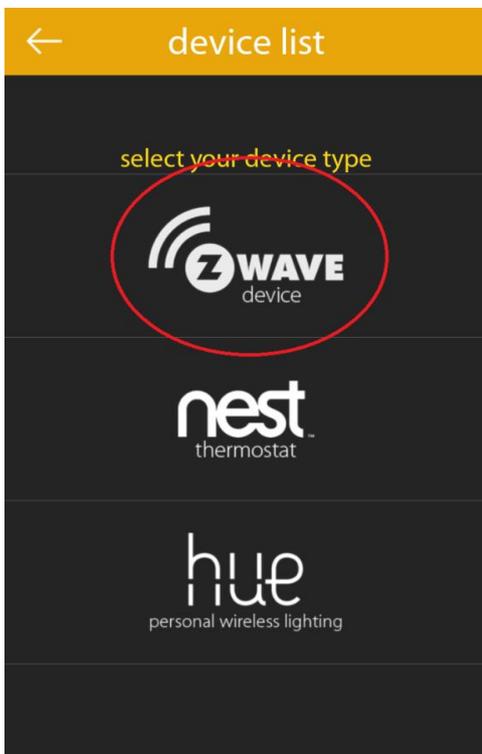
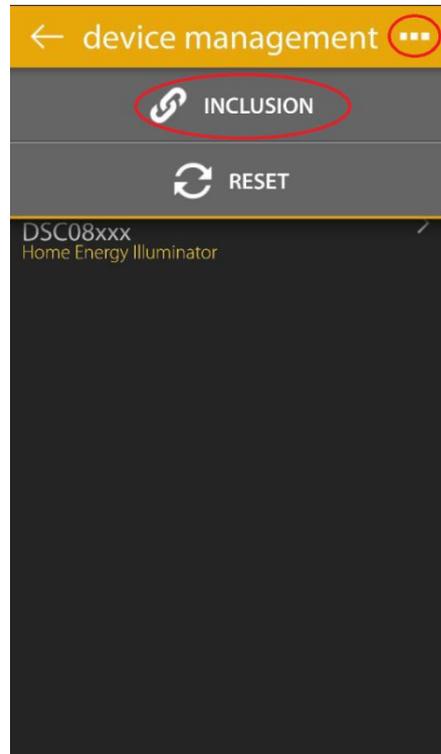
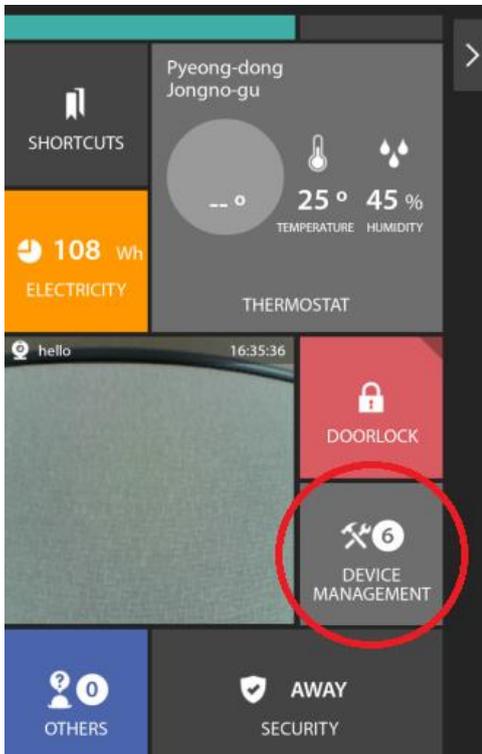


Z-Wave Device Inclusion (ADD Slave Device or Replication(COPY))

Z-Wave slave device can be include from the menu on mobile app.

It should be excluded(RESET) or local-reset if the slave device had node id already.

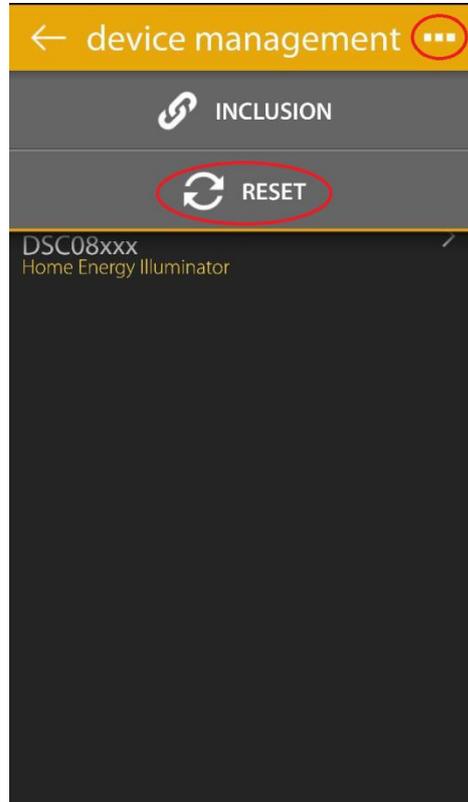
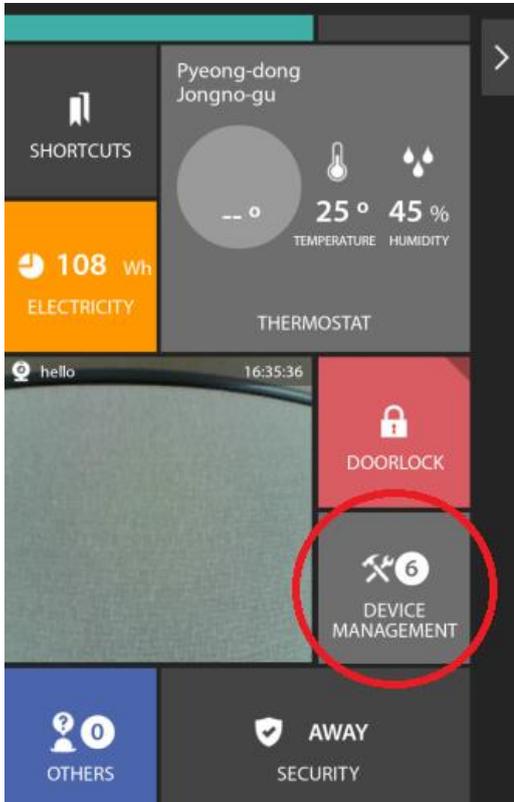
1. PhoneApp > Device Management > Menu (Inclusion) > Z-Wave
2. Z-Wave Device > Nodeinfo



Z-Wave Device Exclusion (REMOVE)

To remove slave device from DUT's network, RESET(exclusion) can be used.

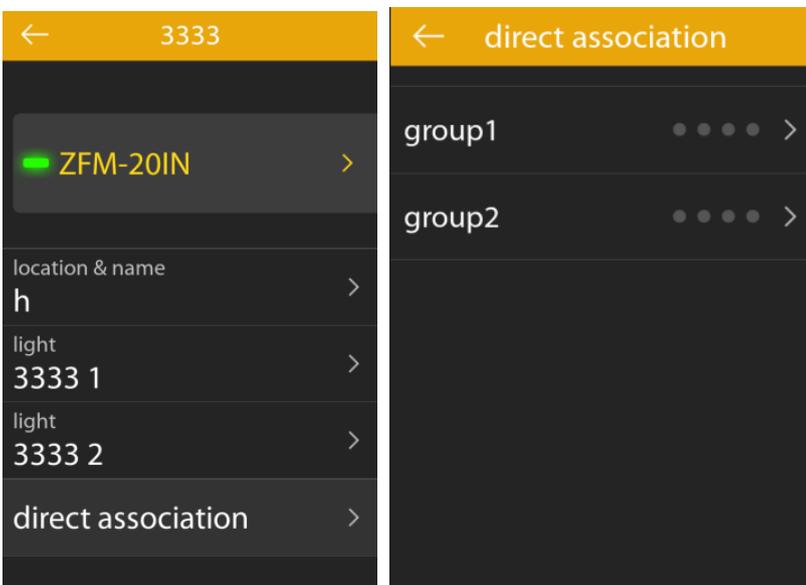
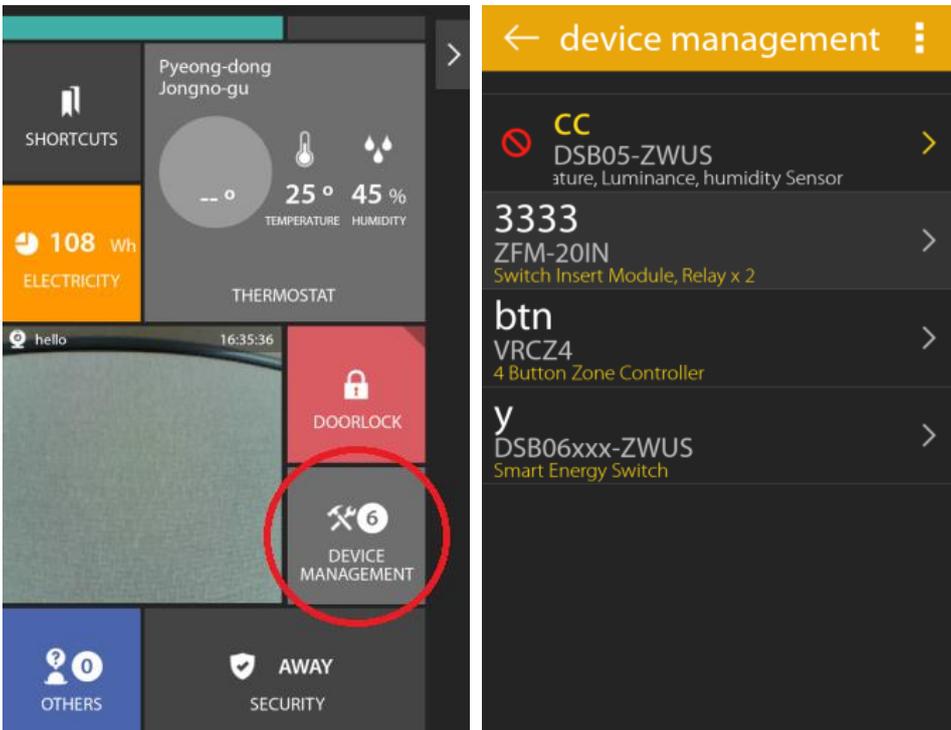
1. PhoneApp > Device Management > Menu (RESET)
2. Z-Wave Device > Nodeinfo

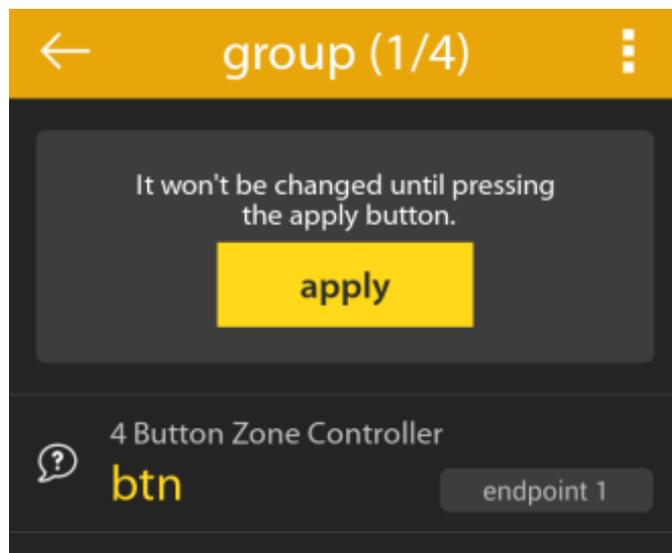
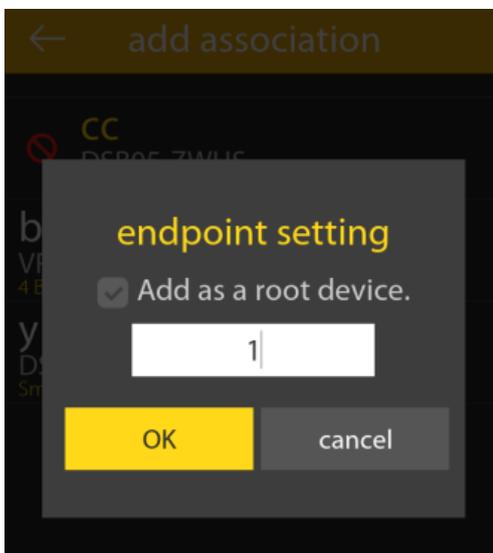
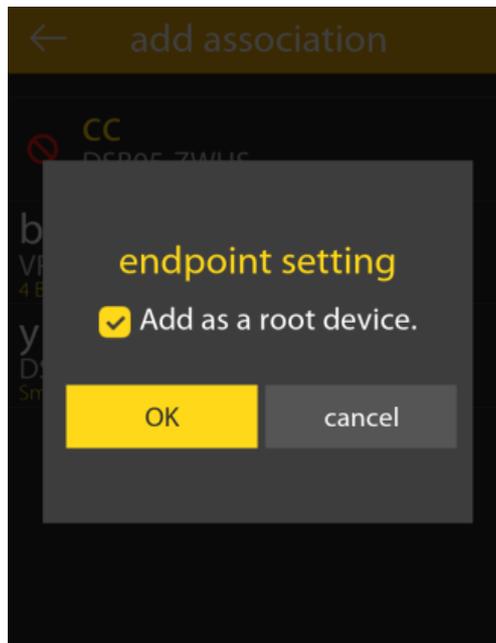
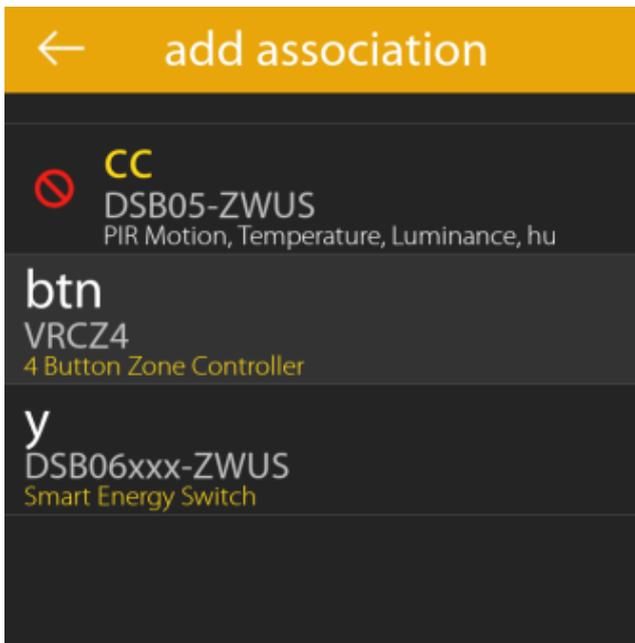
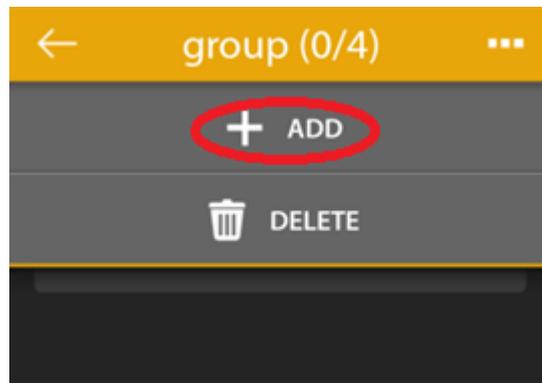
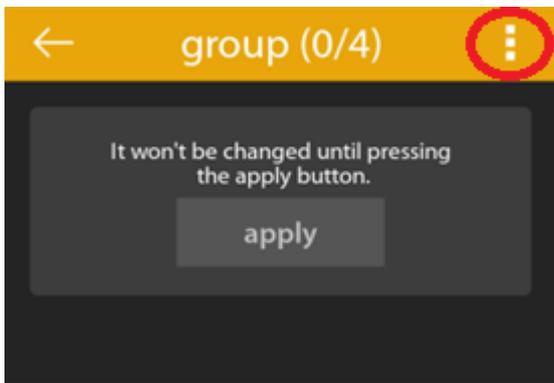


Device Association

It is a menu for association between Z-Wave devices. "Direct association" menu is it. Total group number depends on device's characteristic. It will wait for wakeup time before setting the association. "endpoint" can be configured with "MultiChannel Association".

- CASE supported multichannel device :
DeviceManagement > select Device (supported MultiChannel) > direct association > group > Menu (Add) > select target add device > MultiChannel Setting > Apply
- CASE not supported multichannel device :
DeviceManagement > select Device (not supported MultiChannel) > direct association > group > Menu (Add) > select target add device > Apply



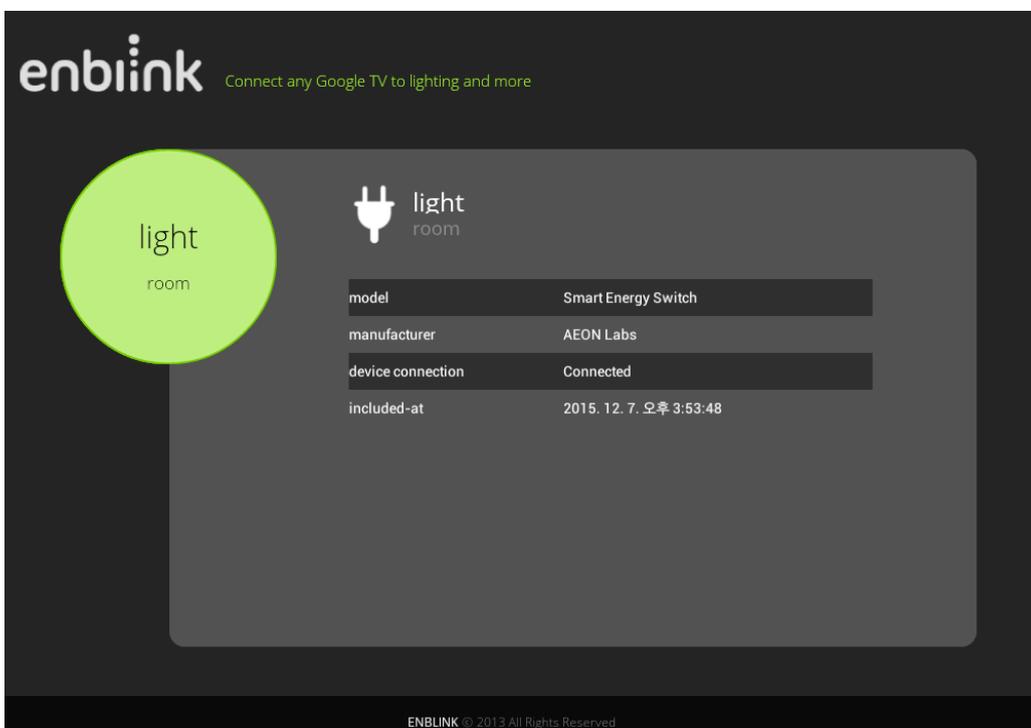
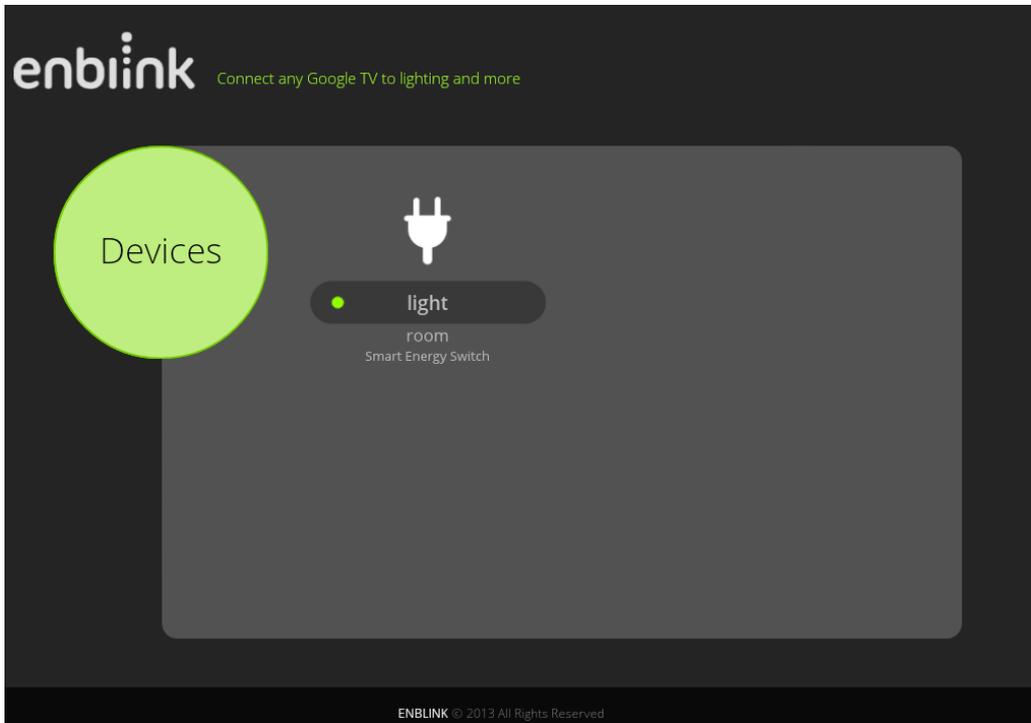


Device Replace

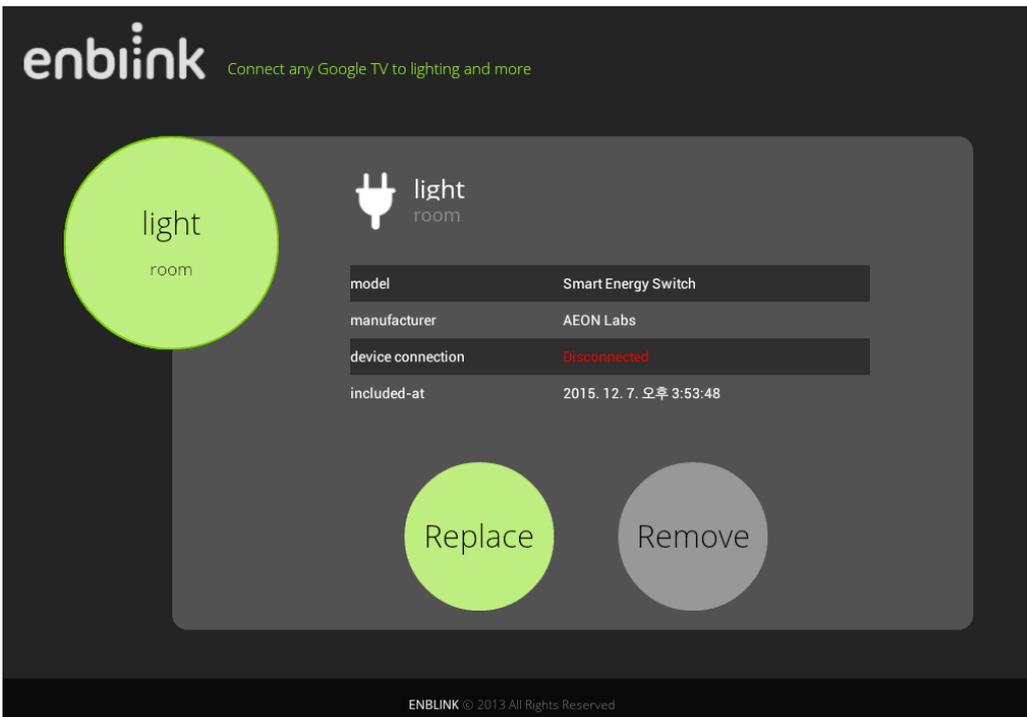
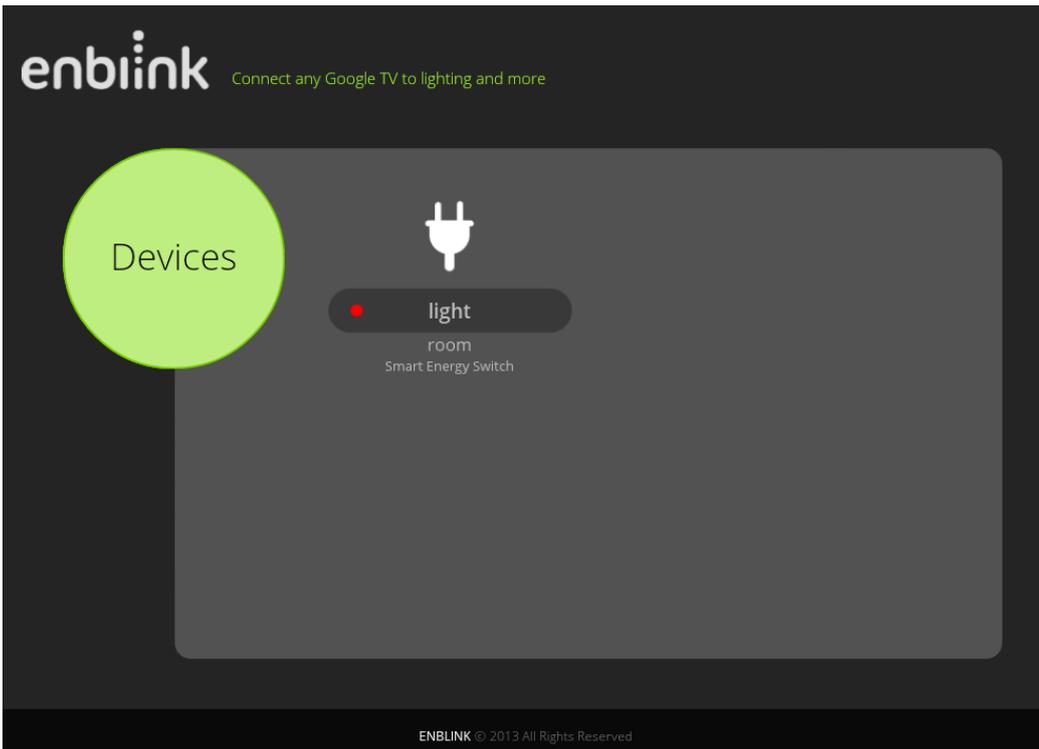
It is for replacing a failed device with a new device of same type. It is shown only when the device is in fail.

1. DUT > Devices > Select FAILED Device > REPLACE

- CASE : Connected devices : function not available



- CASE : FAILED devices : function available





Replace the failed device
Ready to replace the device. Please press the inclusion button of a new device.



The device was
replaced successfully.

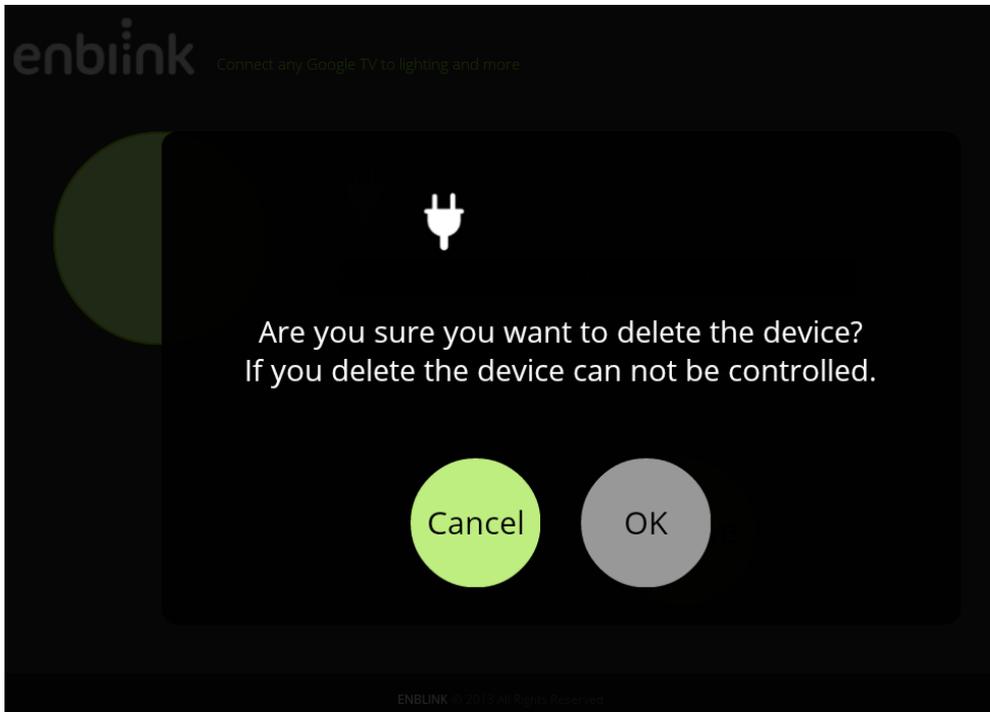


Remove Device

It is for removing failed device. It removes the information in cloud and node list.

1. DUT > Devices > Select FAILED Device > REMOVE

- Failed device only, too.



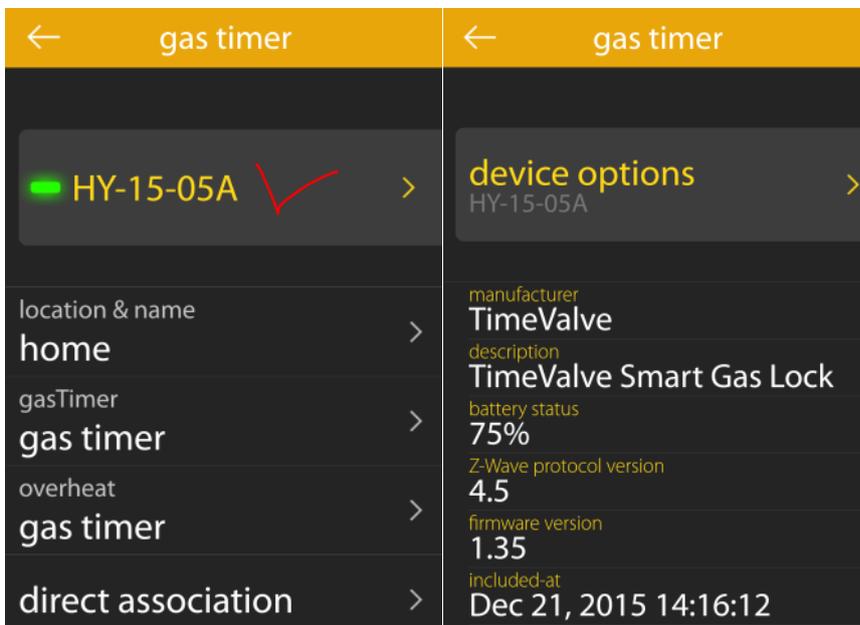
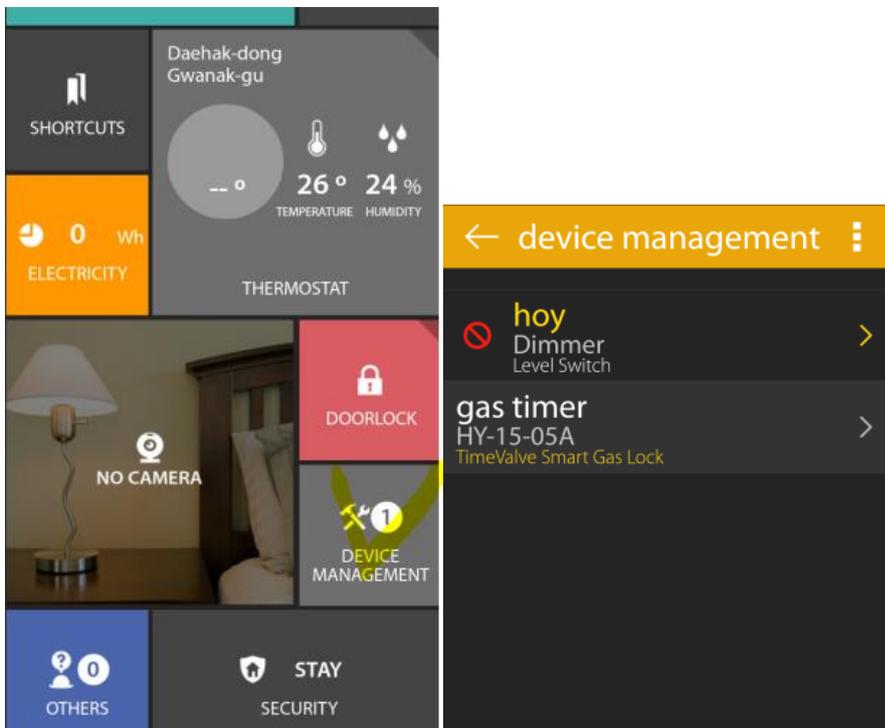
Device Configuration setting

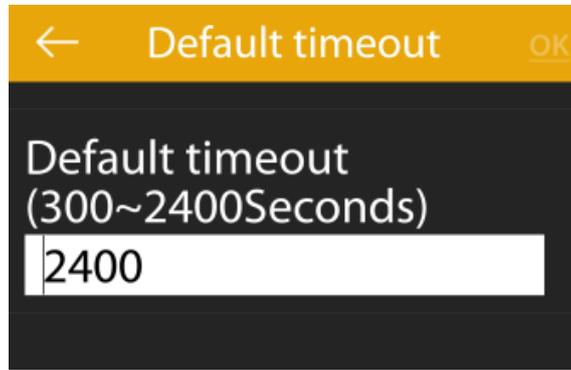
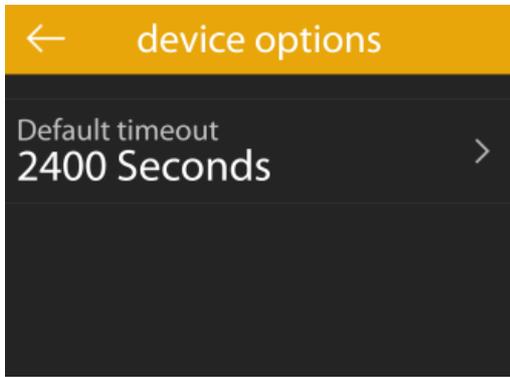
It is for setting Z-Wave configuration. However, it is not shown for all devices which have Configuration CC because we cannot prepare the user friendly context for all devices. When you enter into the "model name" in device menu, "device options" menu is shown. If you cannot see the "device options" menu, we do not support configuring "Configuration" for that device.

1. PhoneApp > DeviceManagement > select Device > select gray box (model name)

CASE : Configuration Supported > Device options > setting

CASE : Configuration not Supported > invisible Device options





Case configuration supported device (left), not supported (right)

