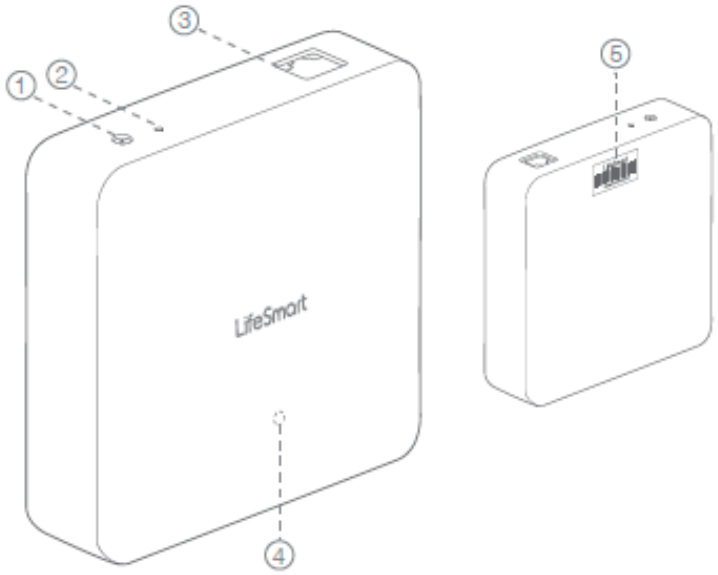
Smart Station User Manual

1. Product Introduction

LifeSmart Smart Station is a gateway device used for IoT with functions of Ethernet, Z-Wave, RF communication. It can collect sensing data from various sensors and give instructions to end devices to perform certain actions, in order to allow you monitor, control and automate home environment remotely.

2. Product Illustration



① Power Adapter Port ② Factory Default Reset Button

③ Ethernet Port ④ Indicator Light

⑤ Equipment Barcode and Serial Number

3. Installation

Connect AC Adapter to the Gateway and plug it into AC outlet. The Gateway has no Power Switch. It will power up as soon as plugged in the AC Adapter. Then connect network cable to the Ethernet Port, start App to set up the Gateway.
The DSK and QR code you may find on the back of the package and the back side of the product.

Z-Wave Overview

1. General Information

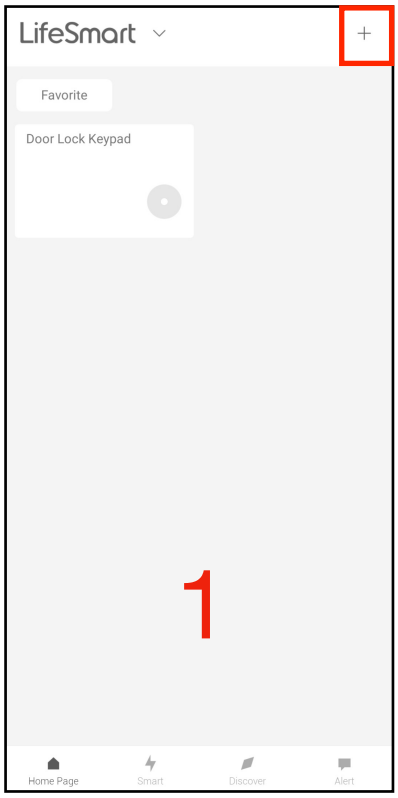
Device Type
Gateway
Role Type
Central Static Controller （CSC）
Supported Command Class

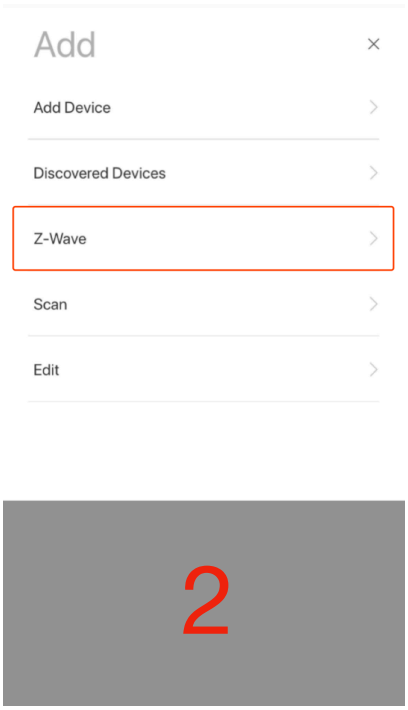
COMMAND_CLASS_ASSOCIATION_V2
COMMAND_CLASS_ASSOCIATION_GRP_INFO
COMMAND_CLASS_MANUFACTURER_SPECIFIC
COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V2
COMMAND_CLASS_DEVICE_RESET_LOCALLY
COMMAND_CLASS_VERSION_V2
COMMAND_CLASS_ZWAVEPLUS_INFO_V2
COMMAND_CLASS_CRC_16_ENCAP
COMMAND_CLASS_SECURITY
COMMAND_CLASS_SECURITY_V2
COMMAND_CLASS_SUPERVISION
COMMAND_CLASS_INCLUSION_CONTROLLER
COMMAND_CLASS_POWERLEVEL
COMMAND_CLASS_TRANSPORT_SERVICE_V2

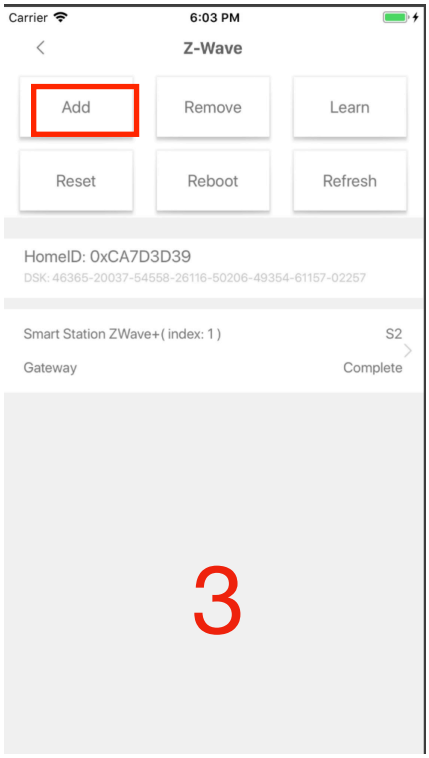
Controlled Command Classes

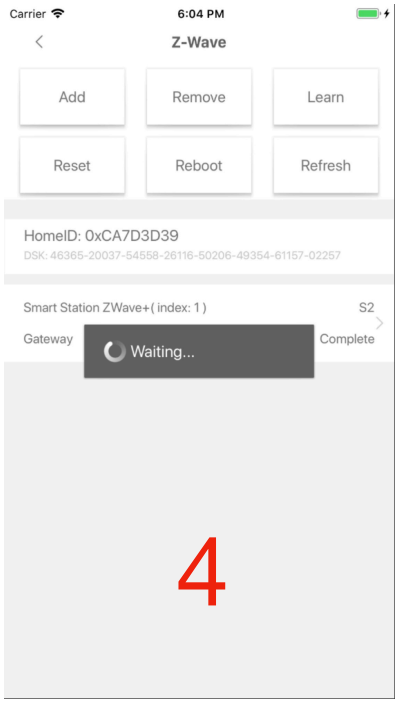
COMMAND_CLASS_BASIC
COMMAND_CLASS_DOOR_LOCK_V2
COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V2
COMMAND_CLASS_WAKE_UP_V2
COMMAND_CLASS_CRC_16_ENCAP
COMMAND_CLASS_MULTI_CHANNEL_V4
COMMAND_CLASS_SECURITY
COMMAND_CLASS_SECURITY_V2
COMMAND_CLASS_MANUFACTURER_SPECIFIC
COMMAND_CLASS_VERSION_V2
COMMAND_CLASS_ZWAVEPLUS_INFO_V2
COMMAND_CLASS_POWERLEVEL
COMMAND_CLASS_ALARM
COMMAND_CLASS_BATTERY
COMMAND_CLASS_CONFIGURATION
COMMAND_CLASS_DOOR_LOCK_LOGGING
COMMAND_CLASS_MULTI_INSTANCE
COMMAND_CLASS_SWITCH_BINARY
COMMAND_CLASS_SWITCH_MULTILEVEL
COMMAND_CLASS_USER_CODE
COMMAND_CLASS_WAKE_UP

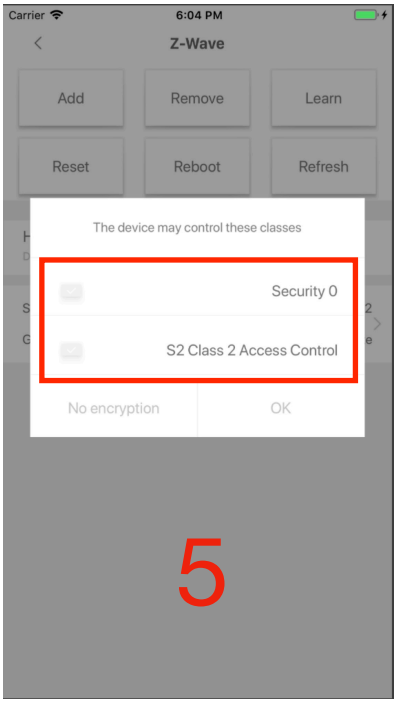
2. Add for inclusion

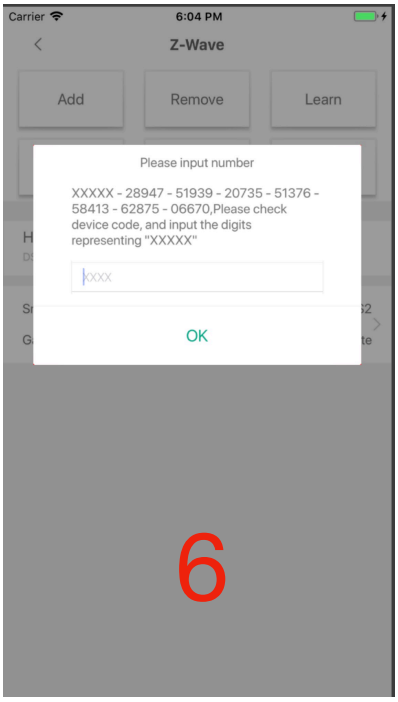


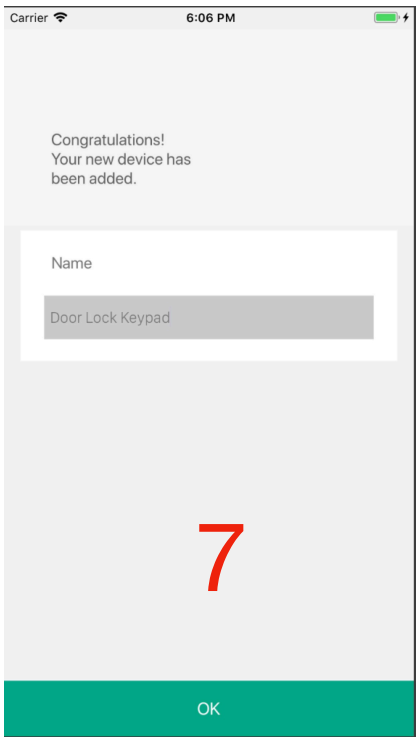


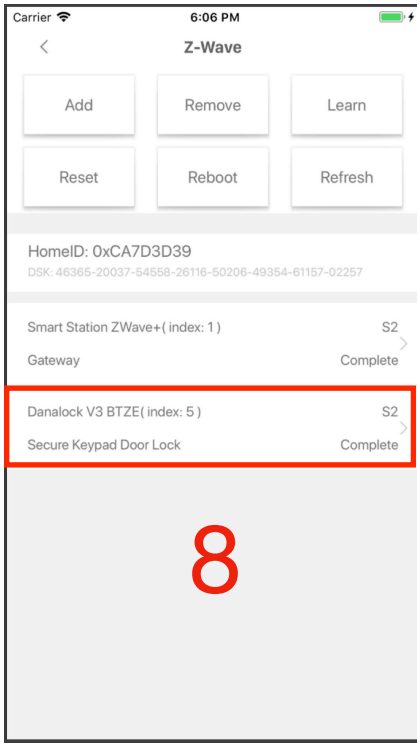




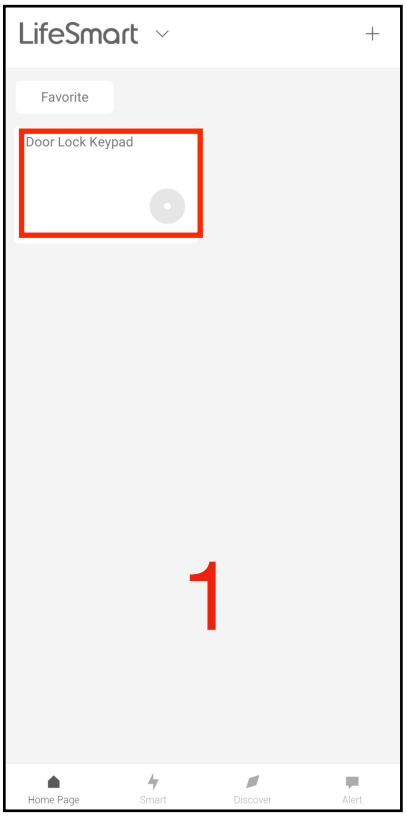


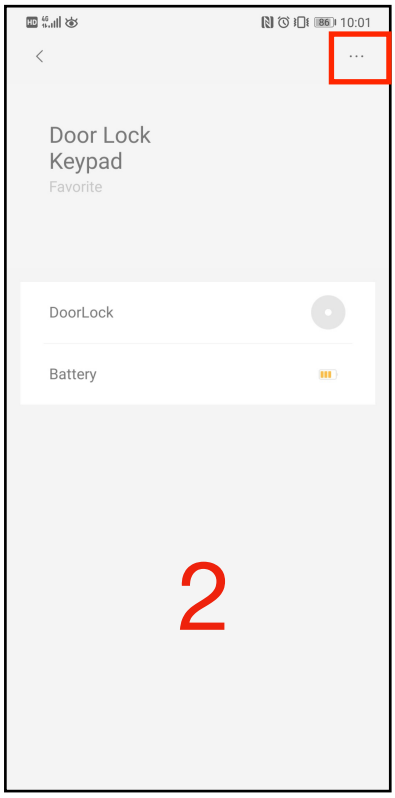


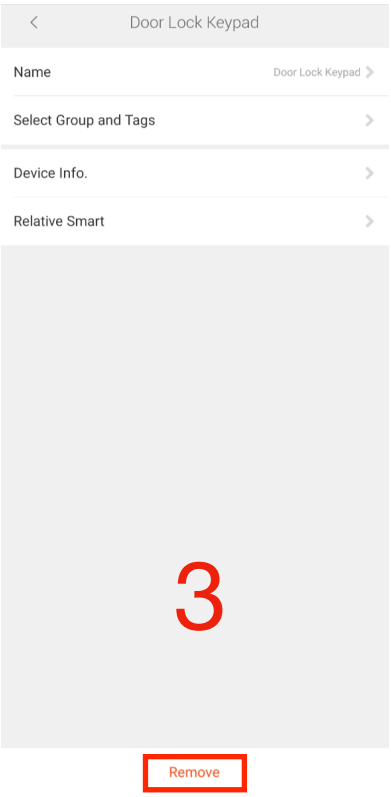




3. Remove for exclusion

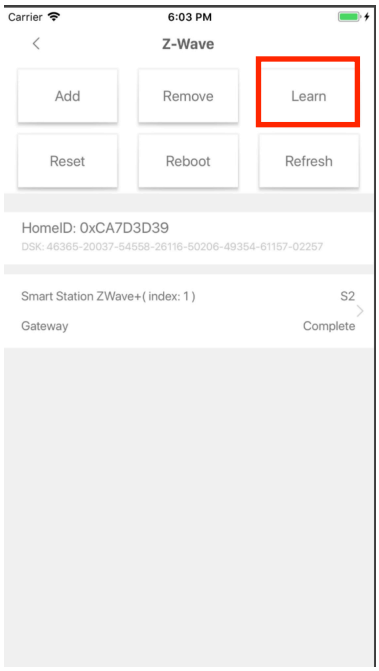




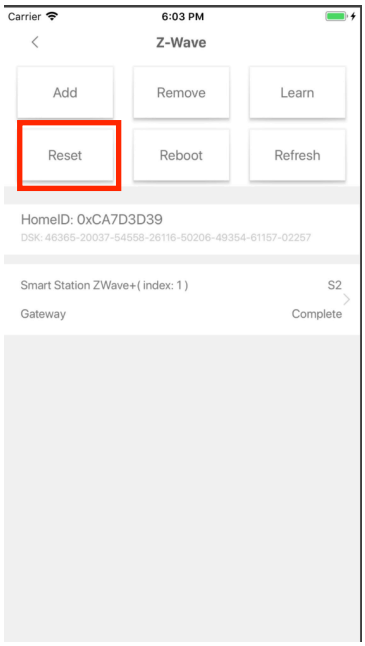


4. Copy for replication
Conduct ‘Add for inclusion’ operation as mentioned in part 2 while the other gateway device has entered ‘Learn mode’.

5. Learn Mode



6. Factory Default 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.)

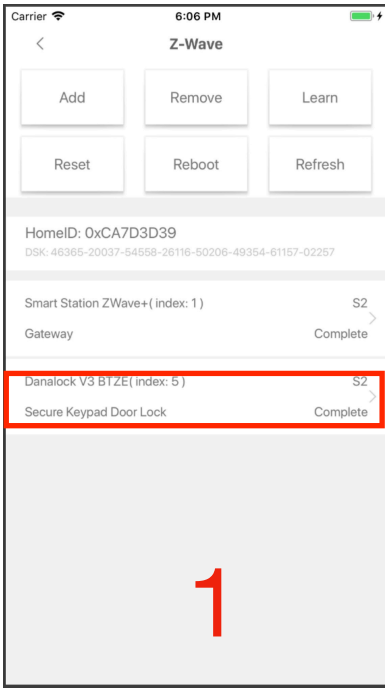


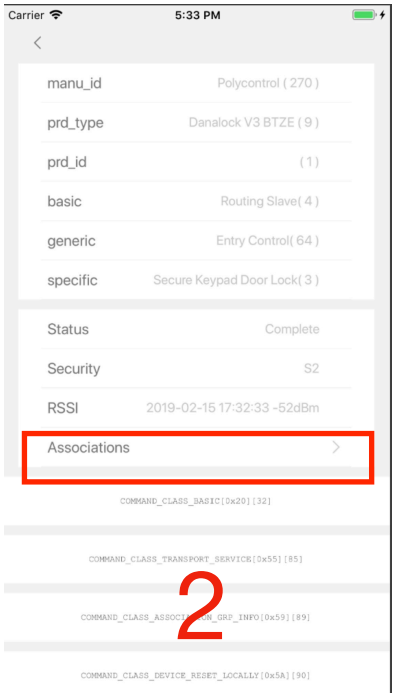
7. Including Device into Existing Network
Conduct ‘Learn’ operation as mentioned in part 5 while the other gateway device has entered ‘Add’ Mode

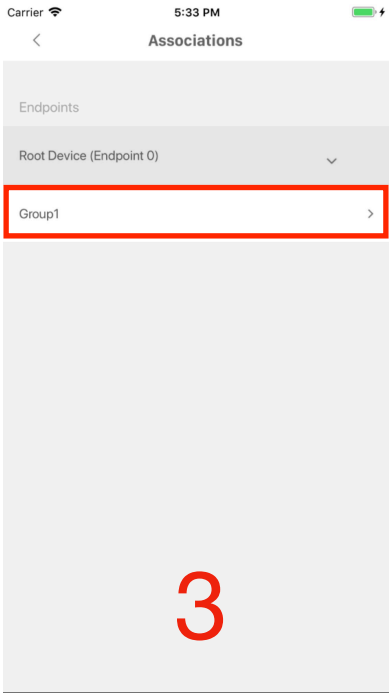
8. Basic Command Class Handling
Smart Station will ignore Basic Commands received from other devices on the Z-Wave network.

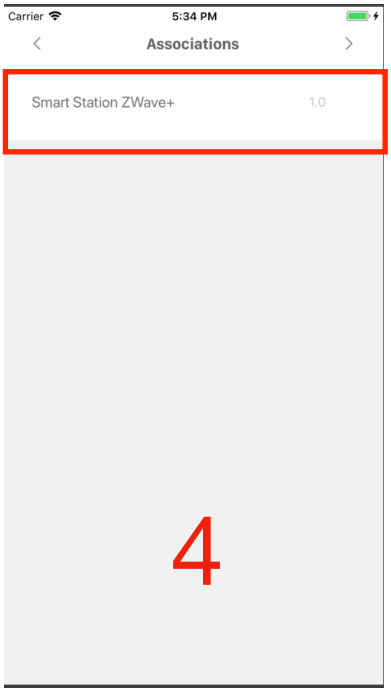
9. Devices from Multiple Manufactures in One Network
Any products from different manufacturers and product categories can be a part of the same Z-Wave network with Smart Station.

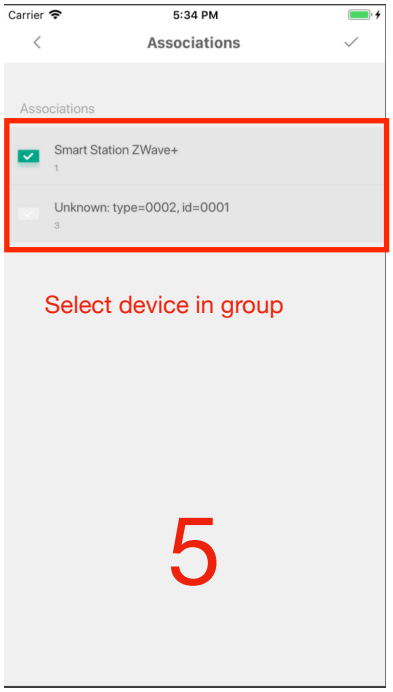
10. Association CC
Group id: 1 - Lifeline
Maximum number of devices that can be added to the group: 5
All devices are associated with the group.



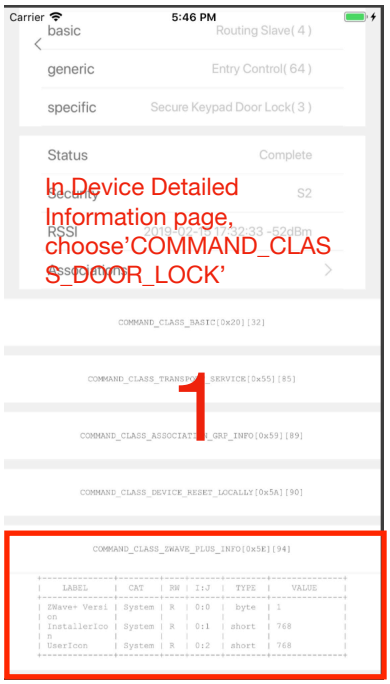


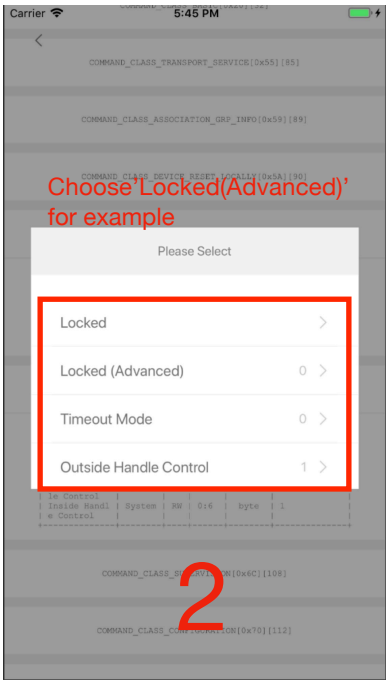


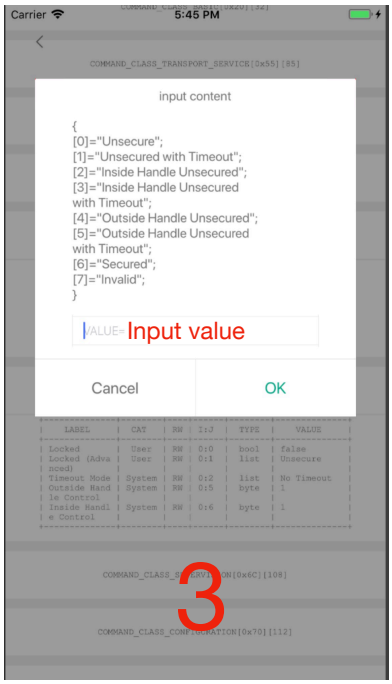




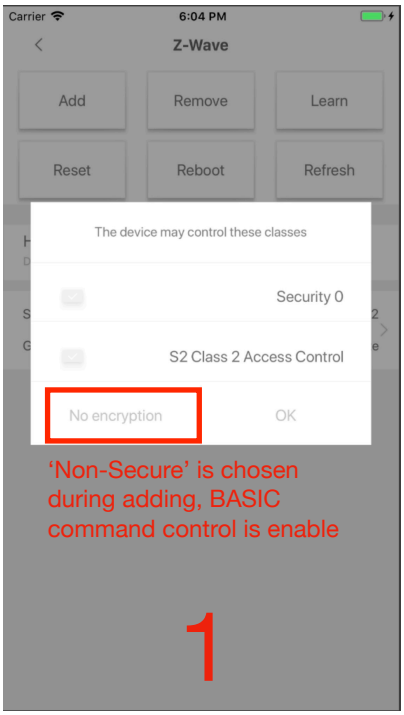
11. The procedure to send any controlled command from the controller
Using ACK frame, NAK frame, CAN frame, Data frame to communicate with Z-Wave module in order to send and receive control commands.

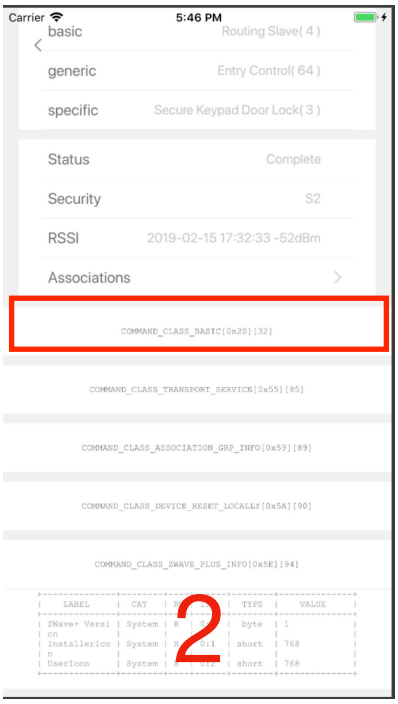


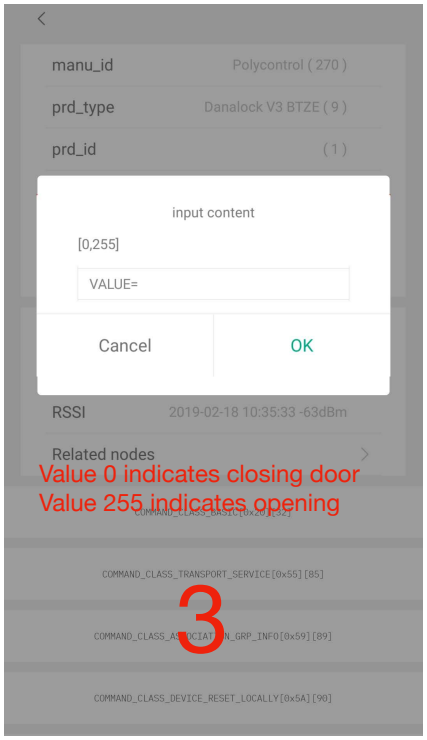




12. BASIC commands possible values and behaviors

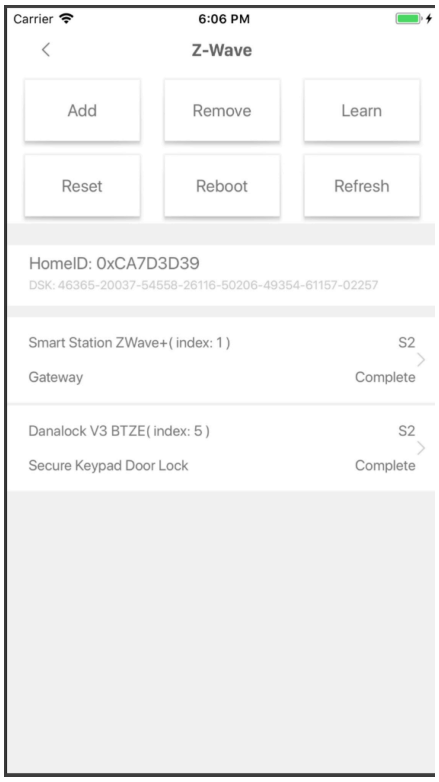




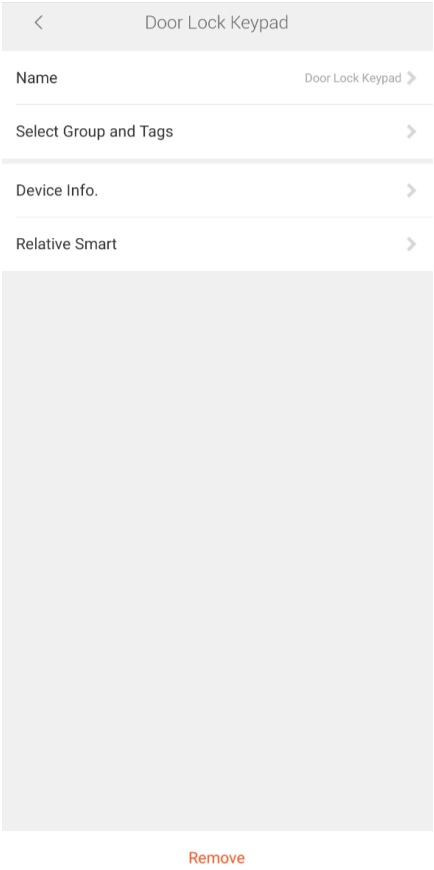


13. S2 Security CC
Smart Station is a Security Enabled Z-Wave Plus Product which supports both Security S2 and Security S0.

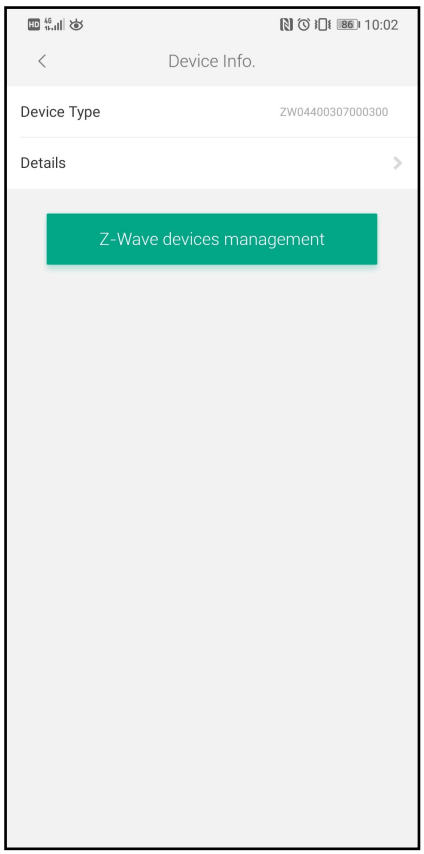
14. Activate functionality related to Z-Wave behavior.



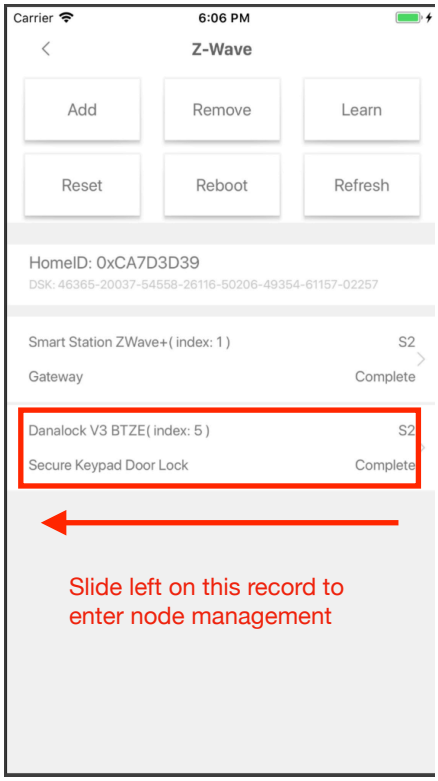
Z-Wave	
FUNCTION	**EXPLANATION**
Add	Add device
Remove	Remove device
Learn	Learn mode
Reset	Reset gateway
Reboot	Reboot gateway
HomeID	Display Z-Wave network HomeID
DSK	Display device DSK code
Refresh	Refresh list



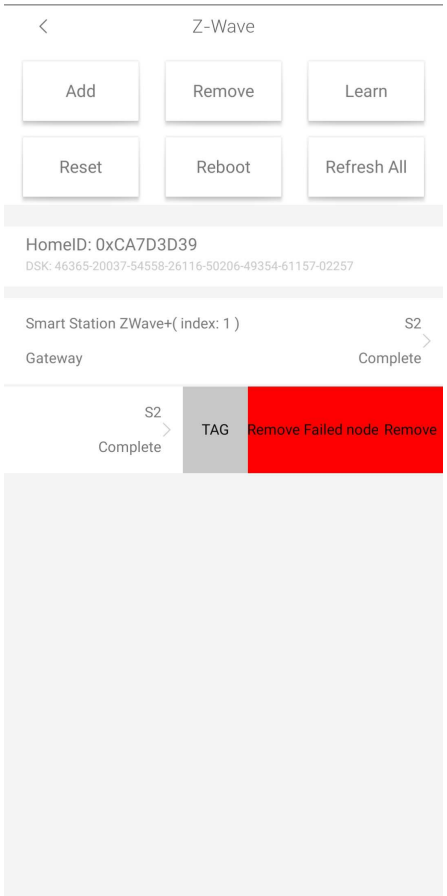
Device	
FUNCTION	**EXPLANATION**
Name	Device name
Select Group and Tags	Select device group
Device History	Check device history
Device Info.	Device detailed information
Relative Smart	Linkage with other devices
Remove	Remove device



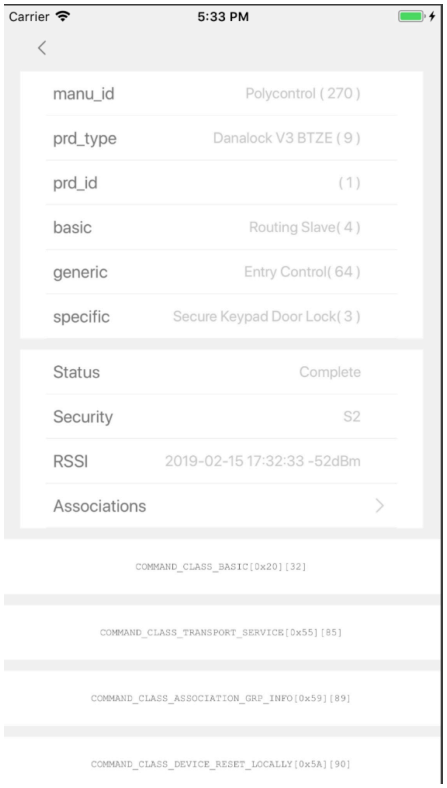
Device Info.	
FUNCTION	**EXPLANATION**
Device Type	Device type string according to device info
Details	Device detail information
Z-Wave devices management	Enter Z-Wave gateway management



Node Info.	
CONTENT	**EXPLANATION**
Danalock V3 BTZE	Door lock name
Index:5	Door lock node id in Z-Wave network
S2	Door lock security type



Node management	
CONTENT	**EXPLANATION**
TAG	Mark failed node, the record of failed node will turn to red
Remove Failed node	Remove failed node
Remove	Remove node



Device detail information
Contain node parameter informations and command class