ZW800 Module User Manual

PMN: Z Wave Module

1.FEATURES & SPECIFICATIONS

1.1 Hardware Characteristics

Parameter	Value
Z-Wave Module	ZW800
Indicator Light Color	1 red, 1 green (at the key pad)
Battery Info	AA alkaline battery x2
Working Current	Z-Wave Module: 10mA(Wake Up), 40mA (Send message)
Standby Current	Z-Wave Module: 24uA

1.2 Software Characteristics

Parameter	Value
Wireless Technology	Z-Wave
Certification Type	Z-Wave Plus™ v2
Z-Wave Library Type	Enhanced 232 Slave
Z-Wave Role Type	ZWAVEPLUS_INFO_REPORT_ROLE_TYPE_SLAVE_SLEEPING_LISTENING (0x07)
Generic Device Type	GENERIC_TYPE_ENTRY_CONTROL (0x40)
Specific Device Type	SPECIFIC_TYPE_DOOR_LOCK (0x01)
Security Class	Non-Security, S0, S2-ACCESS
SmartStart	Support. After powering on, SmartStart is auto active if it' s out of the Z-Wave network.
Over The Air (OTA)	Support. Firmware can be updated via RF.

Multichannel Device	No
Association	Support. Refer to Section 4.7 Association Group Info.
Factory Reset	Support. Refer to Section 3.6 How to factory reset.
Power-down Memory	Support. All command settings will stay unchanged even power down.
Timed battery report	Support. Refer to Configuration Parameter 3.
Low battery warning	Support.
Door State Report	Support. When door lock mode changed, send out notification via Group 1.
User code Report	Support. When user code changed, send out notification via Group 1.

PRODUCT QUICK START

1.3 About is Z-Wave

Z-Wave is the international wireless protocol for communication in the Smart Home.

Z-Wave ensures a reliable communication by reconfirming every message (two-way communication) and every mains powered node can act as a repeater for other nodes (meshed network) in case the receiver is not in direct wireless range of the transmitter.

This device and every other certified Z-Wave device can be used together with any other certified Z-Wave device regardless of brand and origin as long as both are suited for the same frequency range.

1.4 About SmartStart

SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity.

1.5 How to add the product into Z-Wave network

1. Follow the user guide of hub to enter inclusion mode.
2. Operate on lock following guide below:
   1) Enter master mode(** + Master PIN Code + #)
   2) Input "0" to enter "Network settings"
   3) Input "1" + "#" to enter "Include mode"

1.6 How to remove the product from Z-Wave network

1. Follow the user guide of hub to enter exclusion mode.
2. Operate on lock following guide below:
   1) Enter master mode(** + Master PIN Code + #)
   2) Input "0" to enter "Network settings"
   3) Input "2" + "#" to enter "Exclusion mode"

1.7 How to factory reset

1. Operations on lock
   1) Keep your lock in "unlock" status.
   2) Use the provided reset pin to press and hold the reset button for more than 5 seconds until hearing beep sound.
   3) If reset is successful, the bolt will extend on its own to learn the orientation of the door.

2. Please use this procedure only when the network primary controller is missing or otherwise inoperable.

3. Default master pin code is “12345678”, please modify it after reset (Refer to programming instruction).

FCC 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.

ISED Statement

- English: This device complies with Industry Canada license‑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.

The digital apparatus complies with Canadian CAN ICES‑3 (B)/NMB‑3(B).

- French: Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement. L'appareil numérique est conforme à CAN CAN ICES-3 (B) / NMB-3 (B).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

RF Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used installed and operated with minimum distance 0mm between the radiator and your body.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF.Cet équipement doit être installé et utilisé avec une distance minimale de 0 mm entre le radiateur et votre corps.