ZW700 Module

User Manual
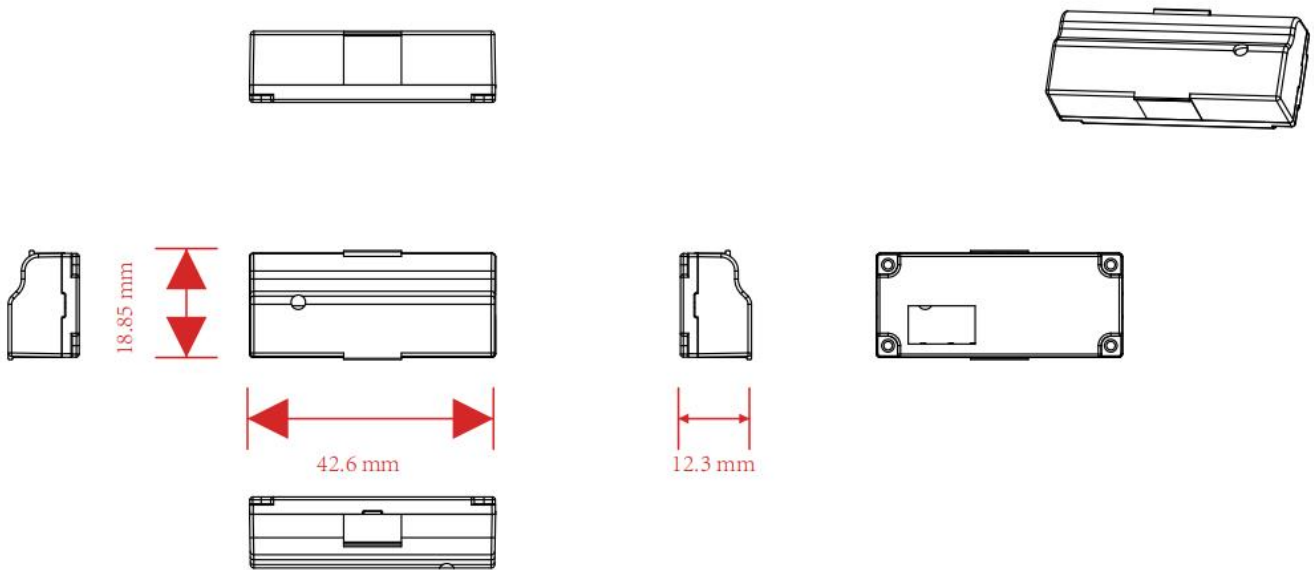
1 FEATURES & SPECIFICATIONS

1.1 Hardware Characteristics

Parameter	Value
Z-Wave Module	ZW700
Z-Wave Antenna Distance	40m (Indoor) /150m (Outdoor)
Indicator Light Color	1 red, 1 green （at the key pad）
Battery Info	AA alkaline battery x4
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 SDK Version	7.18.1
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 Caution:

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.

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

NOTE: 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

IC Caution:

RSS-Gen Issue 5 "&" RSS-Gen numéro 5

- English:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

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

RF exposure statement:

The equipment complies with IC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

- French:

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d' Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences.

(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.

Tout changement ou modification non expressément approuvé par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à utiliser l'équipement.

Déclaration d'exposition RF:

L'équipement est conforme à la limite d'exposition aux radiations de la IC établie pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.