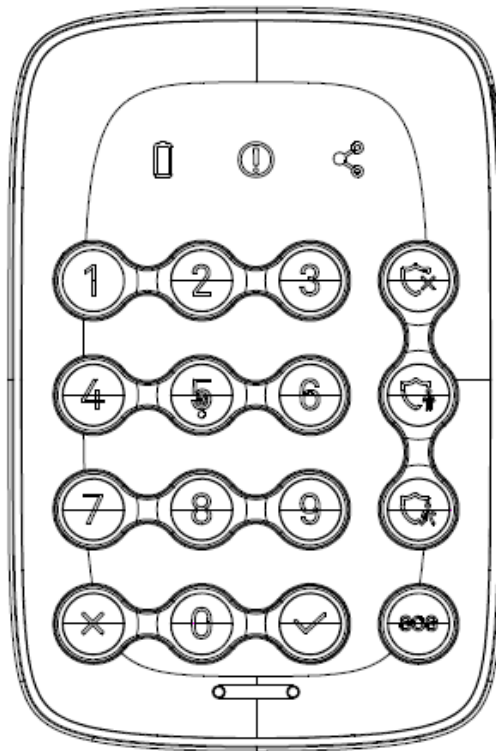





Security Keypad ~~Z-Wave~~Z-Wave™ 700 Quick Start Guide

V1.0

Model: 7BA-KP-V-B-~~AC0~~



1 Safety Information

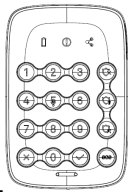
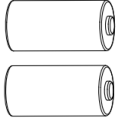


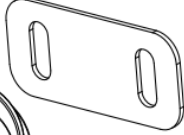

	<p>WARNING: Any battery may leak harmful chemicals which may damage skin, clothing or the inside of the device.</p> <p>TO AVOID RISK OF INJURY, DO NOT LET ANY MATERIAL LEAKED FROM A BATTERY COME IN CONTACT WITH EYES OR SKIN. Any battery may rupture or explode if put in a fire or otherwise exposed to excessive heat.</p> <p>TO AVOID RISK OF INJURY, DO NOT EXPOSE BATTERIES TO EXCESSIVE HEAT. To reduce the risk of personal injury or harm to your device, take the following precautions:</p> <ul style="list-style-type: none">● Do not use different brands of batteries in the same device● When replacing batteries always replace the whole set● Do not use rechargeable or reusable batteries● Do not allow children to install batteries unsupervised● Follow battery manufacturer's instructions as to proper handling, storage and disposal of batteries <p>CAUTION: <u>Risk of fire or explosion if the battery is replaced by an incorrect type</u></p>
	<p>IMPORTANT: Do not expose to rain. This product contains small parts and is not suitable for children. Periodically check the condition of the batteries.</p>
	<p>CAUTION: Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environment safe recycling.</p>

- 带格式的: 字体: 五号
- 带格式的: 字体颜色: 红色
- 带格式的: 缩进: 左侧: 0.74 厘米, 无项目符号或编号

▲ Operating temperature: 0°C – 40°C

带格式的: 字体颜色: 红色

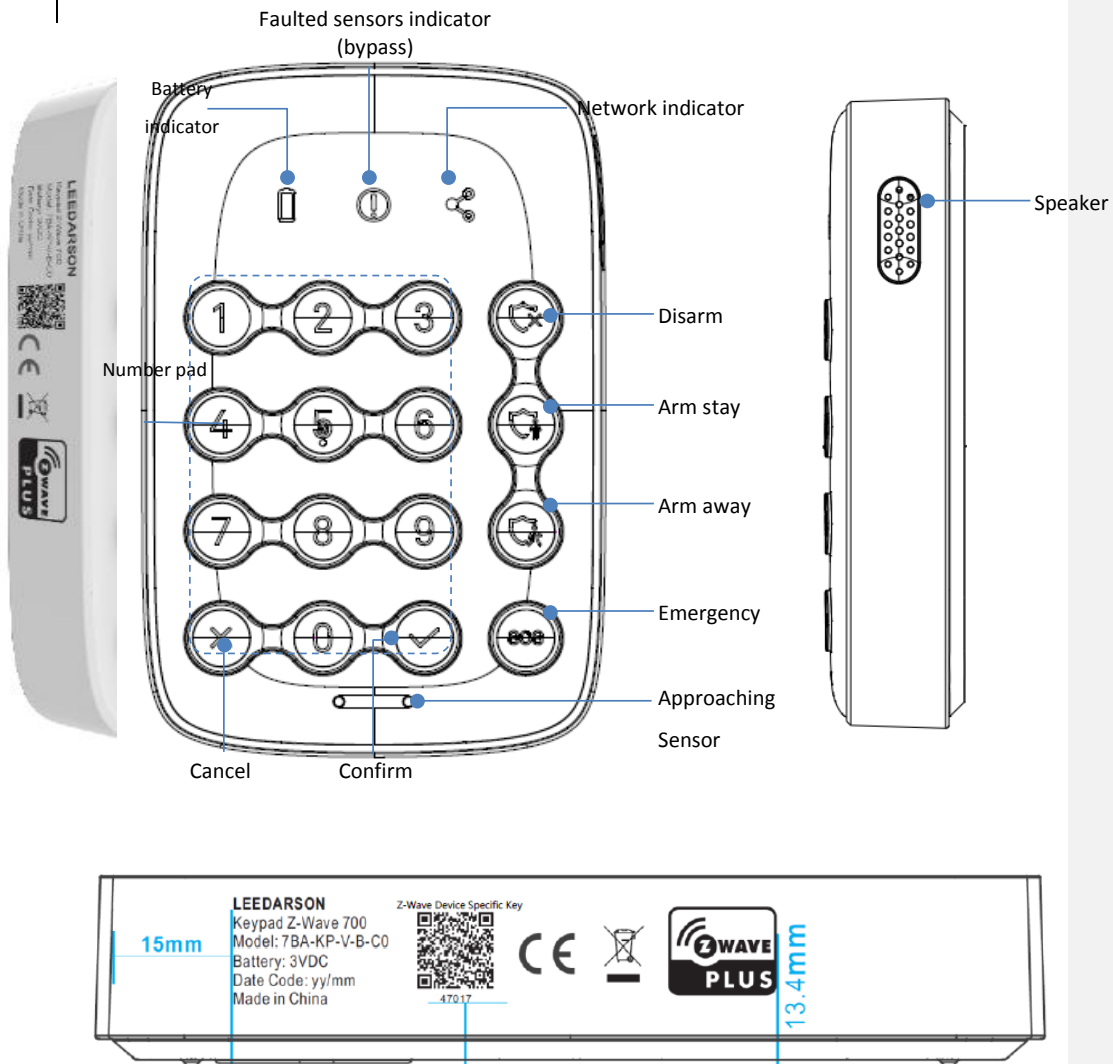
2 PACKAGE CONTENTS

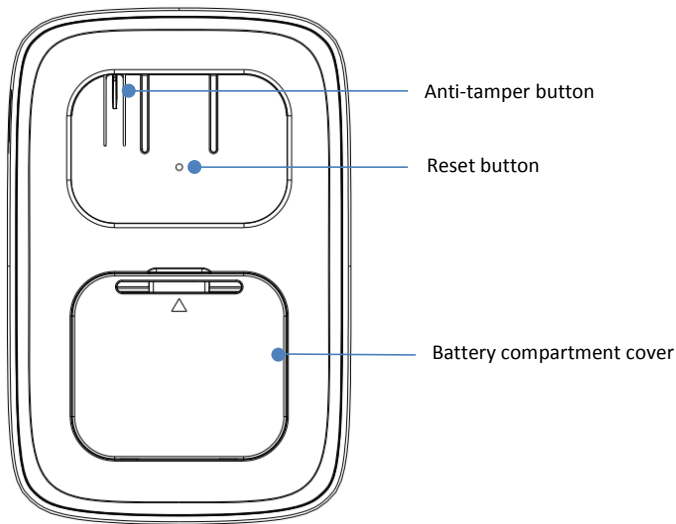
1. Keypad*1 
2. CR123A batteries *2 (pre-installed) 
3. Bracket *1 
4. Installation kit
 - a) screw*2, wall anchor*2, 
 - b) double-sided adhesive tape*1 
 - c) reset pin *1 
5. Quick start guide*1




3 Product Description

The keypad provides a convenient user interface to arm or disarm the system with a PIN code.

3.1 Components





Indicator symbol	Status Description
	Battery capacity: <ul style="list-style-type: none"> ● Green for more than 30%, ● Yellow more than 11~30% ● Red below 11%.
	There are one or more faulted sensors when arming the system.
	Network connection: <ul style="list-style-type: none"> ● Pairing or sending data: flashing green ● No or bad signal of the hub: solid red ● Paired to the hub and good signal: solid green

4 Functions of actions

Trigger	Description
Power on	In the network: Indicator LED and backlight will ON for 2 seconds after device power on. Buzzer beeps 1 times. (LED light on sequency: First network/battery/ faulted sensor Indicator LED light on red and turn to green, then disarm(green)/arm stay(blue)/arm away(blue) /SOS (red) LED on, finally 0~9+confirm/delete white backlight on, totally it takes about 2 seconds after device power on. Buzzer long beeps 1 time.)
	Not in the network: Indicator LED and backlight will ON for 2 seconds after device power on. Buzzer beeps 1 times. (LED light on sequency: First network/battery/ faulted sensor Indicator LED light on red and turn to green, then disarm(green)/arm stay(blue)/arm away(blue)

	<p>/SOS (red) LED on, finally 0~9+confirm/delete white backlight on,totally it takes about 2 seconds after device power on. Buzzer long beeps 1 time.)</p>
SmartStart Inclusion	<p>Add the Keypad into the Z-WaveZ-Wave network via SmartStart:</p> <ol style="list-style-type: none"> 1. Add Keypad DSK into the primary controller SmartStart Provisioning List (If you don't know how to do this, refer to its manual). 2. Power on the Keypad again. 3. The Keypad will send "Z-WaveZ-Wave protocol Command Class" frame to start SmartStart Inclusion. 4. Network green LED will flashing at every 1 second to indicate that the inclusion is working, and solid green LED 3 seconds for indicate the inclusion is successful, otherwise the LED will be soild yellow in which you need to repeat the process from step 2 <p>Note: Keypad will reset itself to factory default by sending "Device Reset Locally CC" when it is included into a non-security Z-waveZ-Wave network. DSK QR code is on the left side of the product with laser printing. User should follow the procedure in the section below if the controller does not support SmartStart inclusion.</p>
Short press pair button three time	<p>Add the Keypad into the Z-WaveZ-Wave network:</p> <ol style="list-style-type: none"> 1. Set the Z-WaveZ-Wave network main controller into learning mode (see Z-WaveZ-Wave network controller operating manual). 2. Trigger this action. 3. Network green LED will flashing at every 1 second to indicate that the inclusion is working, and solid green LED 3 seconds for indicate the inclusion is successful, otherwise the LED will be soild yellow in which you need to repeat the process from step 2. <p>Remove the Keypad from a Z-WaveZ-Wave network:</p> <ol style="list-style-type: none"> 1. Set the Z-WaveZ-Wave network main controller into removing mode (see Z-WaveZ-Wave controller operating manual). 2. Trigger this button action. the Network LED will flashing at every 1 second. 3. If the removing is successful, the LED will solid green for 3 seconds. If the removing is failed then LED display yellow for 3 seconds, otherwise you need to repeat the process from step 2. <p>Note: Keypad will start SmartStart Inclusion when it is removed from a Z-waveZ-Wave network.</p>
Press pair button and hold more than 5 seconds	<p>Network Indicator green LED will fast blinking and backlight will ON for 2 seconds. Buzzer beeps 1 times after reset successful.</p> <p>Reset the Keypad to factory default.</p> <ol style="list-style-type: none"> 1. Device will reset itself to factory default by sending a "Device Reset Locally Notification" to gateway. 2. If triggered the factory reset, the network connection led will solid green while factory reset is completed. <p>Note: Please use this procedure only when the network primary controller is missing or otherwise inoperable.</p>

Disarm	<p>Solid green: Press correct pin code then press disarm button, disarm mode successful, Buzzer will short beep 2 times in 1 seconds.(Beep / beep)</p> <p>If disarm fail, e.g. incorrect PIN code. Disarm button LED will no reaction and buzzer will have a multiple beeps: long beep one time, short beep twice in 1.5 seconds. (Beep~/Beep beep)</p>
Arm Away	<p>Blinking blue: Press correct pin code then press arm away button, exit delay ongoing,buzzer beeps 10 seconds (Count down default is 10 seconds,user can set count down timing by APP. Meanwhile gateway could also have beeps 10 seconds.)</p> <p>But to save keypad power, if user set count time is 30 seconds, the keypad will max beep 10 seconds,and gateway will beep 30 seconds.</p> <p>Solid blue: Arm away successful, Internet indicator is ON after summit arm away Buzzer will long beep 1 times in 1 seconds.(Beep-)</p> <p>If arm away fails, e.g. incorrect PIN code. Arm away LED button will OFF and buzzer will have a multiple beeps: long beep one time, short beep twice in 1.5 seconds. (Beep~/Beep beep)</p>
Arm Stay	<p>Blinking blue: Press correct pin code then press arm stay button, exit delay ongoing</p> <p>(Count down default is 10 seconds, user can set count down timing by APP. Meanwhile gateway could also have beeps 10 seconds.)</p> <p>But to save keypad power, if user set count time is 30 seconds, the keypad will max beep 10 seconds, and gateway will beep 30 seconds.</p> <p>Solid blue: Arm stay successful, Internet indicator is ON after summit arm stay. Buzzer will long beep 1 time in 1 seconds.(Beep~)</p> <p>If arm stay fails, e.g. incorrect PIN code. Arm Stay LED button will OFF and buzzer will have a multiple beeps: long beep one time, short beep twice in 1.5 seconds. (Beep~/Beep beep)</p>
SOS	<p>Blinking red: Press SOS button for 3 seconds, SOS button blinking in red.</p> <p>Solid red: SOS successfully sent, SOS button will solid in red. Buzzer long beeps 1 time.</p> <p>If fail with communication, SOS button will OFF and buzzer will have a multiple beeps: long beep one time, short beep twice in 1.5 seconds. (Beep~/Beep beep)</p> <p>SOS is not a mode key but a behavior key and SOS disarm will be done by Gateway.</p>

Entry Delay	<p>Entry delay is activated, buzzer will beeps 10 seconds</p> <p>(Count down default is 10 seconds, user can set count down timing by APP.</p> <p>Meanwhile gateway could also have beeps 10 seconds.)</p> <p>But to save keypad power, if user set count time is 30 seconds, the keypad will max beep 10 seconds, and gateway will beep 30 seconds.</p>
Exit Delay	<p>Exit delay is activated, buzzer will beeps 10 seconds</p> <p>(Count down default is 10 seconds, user can set count down timing by APP.</p> <p>Meanwhile gateway could also have beeps 10 seconds.)</p> <p>But to save keypad power, if user set count time is 30 seconds, the keypad will max beep 10 seconds, and gateway will beep 30 seconds.</p>
Network Indicator	<p>Network indicator:</p> <ul style="list-style-type: none"> Slow flashing green: Pairing or sending data Fast flashing green: About to reset No or bad signal of the hub: Solid Yellow. Paired to the hub and good signal: Solid green
Battery Indicator	<p>Battery capacity:</p> <ul style="list-style-type: none"> When approaching sensor is activated , the battery icon shows Green indicate the battery capacity is more than 10%, When approaching sensor is activated, the battery icon shows solid yellow indicate the battery capacity is around 10%~15%. When approaching sensor is activated , the battery icon shows blinking yellow indicate the battery capacity is below 10%. (10% means user could use keypad about one weeks)
Faulted Sensor Indicator	<p>Solid yellow: There are one or more faulted sensors when arming the system, meaning some door or window is not closed properly. Buzzer will have a multiple beeps: long beep one time, short beep twice in 1.5 seconds. (Beep~/Beep beep)</p> <p>User can press the password + v to bypass the faulted sensor indicator.</p>
approaching sensor is triggered	<p>In the network: If trigger the approaching sensor, the battery/network indicator LED on, Only the present mode backlight will on 5 seconds(for example, if the present mode is disarm mode, the disarm green backlight will solid for 5 seconds, others no LED behavior), 0~9/check/delect keys no behavior. Buzzer beeps one time.</p> <p>Fail to connect to the network: NOP</p>
	<p>In the network: Send Notification report, and Buzzer beeps 1 times.</p>

Tamper switch is triggered

Not in the network: Notification report will be sent after the next network access.

This product can be operated in any **Z-Wave** network with other **Z-Wave** certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

5 Functions

After the installation, you can easily control the system using the keypad.

- Arm stay/Arm away/Disarm the system by press the mode button followed by your PIN code and press the confirm



button. The PIN code is consisted of 6 digits and can be modified in the App.



Disarm

No sensors are monitored.



Arm away

All sensors are monitored.



Arm stay

Some sensors are monitored.
Freedom and security, mixed.

- Press the Emergency button and hold for 3 seconds and release to send a panic signal.



Emergency

The hub will send a signal immediately, ignoring the current mode

Deactivate an emergency event by pressing the disarm button followed by your PIN code.

- Faulted sensor:

If there is a faulted sensor when arming the system, you will need to press the confirm (✓) button again to “force arm” the system.

- Firmware upgrade:

When there is new version of firmware for the device available, you will get a notification in the App. Then you can decide whether to upgrade.

- **Anti-tamper alarm:**

After the keypad is paired to a hub and installed on a bracket, the anti-tamper button will be pressed down. Once it is took off the bracket the anti-tamper alarm will be triggered after countdown. Perform the disarm action to stop the countdown.

- **Reset or manual pairing:**

If you need to manually pair the keypad with the hub, or reset the keypad, just press the reset button on the back with the reset pin(comes in the package), hold for 3 seconds and release. The keypad will clear all the network information and reboot, and all the LED will be on for a moment with 2 beeps. Then the reset is done. After reset, it will start to search and join the hub again.

6 Mount the keypad on the wall

Prior to installing on the wall, please perform arming and disarming operation at the location where you decide to mount the keypad, to make sure the wireless signal is good.

The mounting location should be somewhat near the door you usually use to enter or exit the home.

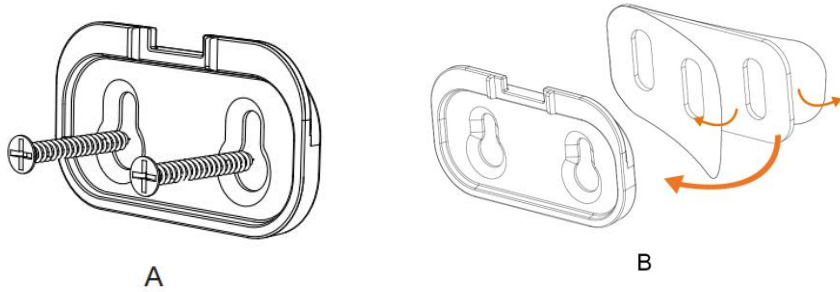
Do not install the Keypad:

1. outside the premises (outdoors).
2. near the metal objects and mirrors that cause radio signal attenuation or shading it.
3. near the powerful main wiring.

Installation:

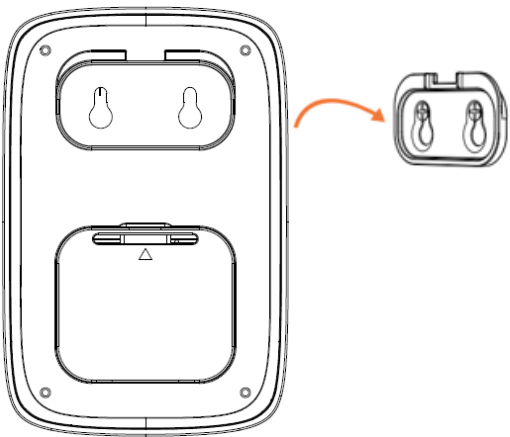
Step 1: Fix the bracket to the wall with either by

- A. Screws
- B. Double-sided adhesive tape for different surfaces.



If you use adhesive tape, please clean the mounting surface with a suitable degreaser agent. Please note that some surfaces may be unsuitable for mounting using the adhesive tape.

Step 2: Hang the keypad on the bracket.



7 Changing the Batteries

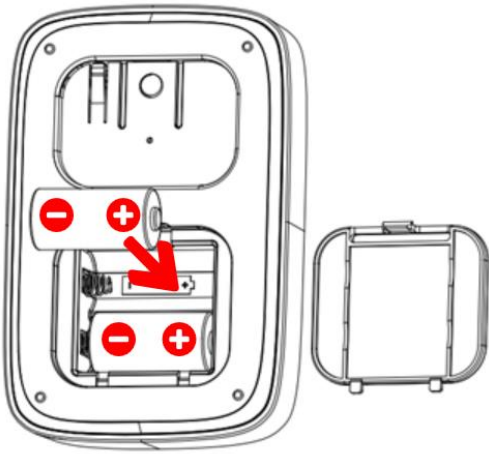
When the battery is low the battery LED will be red and you will receive a notification in your App to remind you the battery change. Please do as follows:

Step 1: Disarm the system, and remove the keypad from the bracket.

Step 2: Because the tamper switch is triggered, you will need to disarm the system to stop the countdown.

Step 3: Open the battery compartment cover and remove the old batteries and replace with new CR123A batteries.

CAUTION: Risk of fire or explosion if the battery is replaced by an incorrect type



Step 4: Hang the keypad back on the bracket.

8 Trouble shooting

8.1 The keypad is not working and the indicator is not lit

Make sure the batteries are installed correctly and full of power.

If you have done the previous checking and it is still not responding please change a new pair of batteries or try to reset the keypad.

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.

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

Hereby, Corporation declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU

Special Rule Of Each Command Class

Z-WaveZ-Wave Plus™ Info Report Command Class

Parameter	Value
Z-WaveZ-Wave Plus Version	0x02
Role Type	0x07 (ZWAVEPLUS_INFO_REPORT_ROLE_TYPE_SLAVE_SLEEPING_LISTENING)
Node Type	0x00 (ZWAVEPLUS_INFO_REPORT_NODE_TYPE_ZWAVEPLUS_NODE)

Installer Icon Type	0x2001 (ICON_TYPE_SPECIFIC_ENTRY_CONTROL_KEYPAD_0_9)
User Icon Type	0x2001 (ICON_TYPE_SPECIFIC_ENTRY_CONTROL_KEYPAD_0_9)

Association Command Class

Motion Sensor supports 1 association groups and max 5 nodes for each group.

Association Group Info Command Class

Association Group Info

Grouping identifier	Group Name	Profile MS	Profile LS
01	Lifeline	0x00	0x01

Association Group Command List

Group 1	Command List Support
Command Class	COMMAND_CLASS_NOTIFICATION_V4(0x71)
Command	NOTIFICATION_REPORT_V4(0x05)
Command Class	COMMAND_CLASS_ENTRY_CONTROL(0x6F)
Command	ENTRY_CONTROL_NOTIFICATION(0x01)
Command Class	COMMAND_CLASS_BATTERY(0x80)
Command	BATTERY_REPORT(0x03)
Command Class	COMMAND_CLASS_DEVICE_RESET_LOCALLY(0x5A)
Command	DEVICE_RESET_LOCALLY_NOTIFICATION(0x01)

Notification Commands

Notification Type	Notification Event
HOME_SECURITY (0x07)	(0x00) NO_EVENT
	(0x03) TAMPERING_COVERING_REMOVED
	(0x08) MOTION_DETECTION_UNKNOWN_LOCATION

Manufacturer Specific Report

Parameter	Value
Manufacturer ID 1	0x04
Manufacturer ID 2	0x03

Product Type ID 1	0x00
Product Type ID 2	0x04
Product ID 1	0x00
Product ID 2	0x01

Configuration Set Command Class

Command Format

7	6	5	4	3	2	1	0
Command Class = COMMAND_CLASS_CONFIGURATION							
Command = CONFIGURATION_SET							
Parameter Number							
Default	Reserved					Size	
Configuration Value 1(MSB)							
Configuration Value 2							
.....							
Configuration Value n(LSB)							

Parameter Number Definitions (8 bit)

Name	Descriptions	Parameter Number	Default Value	Max Value	Min Value	Size	Read-only	Format	Altering capabilities
EntryExitDelay [Unused]	The delay Times(unit: seconds) after receive Entry or Exit Delay Indicator command. Eg: 0 -> No delay. 10 -> will delay 10 seconds after receive command.	1 (0x01)	10 (0x0A)	30 (0x1E)	0 (0x00)	1	NOT Read-only	UNSIGNED_INTEGER	Will NOT alters capabilities
LowBatter	Low battery power level of	2 (0x02)	10 (0x0A)	50 (0x32)	5 (0x05)	1	NOT Read-	UNSIGNED_INTEGER	Will alters capabilities

yPercent	alarm threshold values Eg: 10 -> Will send battery low-level warning report if current battery power is lower than 10% of full battery power.						only		
PS Switch	Turn on/off Proximity Sensor. Eg: 1 -> Will detect approach motion. 0 -> Do not detect approach motion.	3 (0x03)	1 (0x01)	1 (0x01)	0 (0x00)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities
PS Timeout	The wait time of Proximity Sensor for clear the motion(unit: seconds). Eg: 5 -> Will send no motion notification after 5 seconds no Proximity Sensor trigger.	4 (0x04)	5 (0x05)	30 (0x1E)	2 (0x02)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities
PS Sensitivity	The sensitivity of Proximity Sensor.The larger value the harder to trigger.	5 (0x05)	9 (0x09)	31 (0x1F)	4 (0x04)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities

	Eg: 4 -> The most easily to trigger Proximity Sensor. 31 -> The most hard to trigger Proximity Sensor.								
L-Sensor Switch	Turn on/off Light Sensor Eg: 1 -> Will detect current illuminance. 0 -> Do not detect current illuminance.	6 (0x06)	1 (0x01)	1 (0x01)	0 (0x00)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities
Day/Night threshold	The illuminance threshold to distinguish day and night(unit: lumen) Eg: 50 -> Will turn key backlight if current illuminance is less than 50 lux, or close the key backlight.	7 (0x07)	50 (0x32)	255 (0xFF)	0 (0x00)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities
KeyBeep Switch	Turn on/off key tone Eg: 1 -> Has beep tone after press any key. 0 -> No beep tone after press any key.	8 (0x08)	1 (0x01)	1 (0x01)	0 (0x00)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities

ArmStatus Indicate Switch	Turn on/off arm status indicate after wake up Eg: 1 -> Will light current arm status LED after wake up. 0 -> Do not light current arm status LED after wake up.	9 (0x09)	1 (0x01)	1 (0x01)	0 (0x00)	1	NOT Read-only	UNSIGNED_INTEGER	Will alters capabilities
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Notes for special commands

Basic Command Class

Basic CC is not supported.

Association Command

Keypad supports only one association group and Max 5 nodes.

Grouping Identifier	Max Nodes	Description
Group 1	0x05	1. Notification Report. Keypad will send Notification Report to the associated nodes when Tamper/PS is triggered. 2. Entry Control Notification. Keypad will send Entry Control Notification to the associated nodes when the mode button is triggered. 3. Battery Report. Keypad will send Battery Report when the battery level is low and the battery report's value is 0xFF. 4. Device Reset Locally Notification.

Firmware Update Meta Data

Target	Description
0	ZGM130S

Action	System Response
Keypad receives update	Network LED – Blink, Green
Keypad processing update	Network LED – Blink, Green
Update complete	Network LED - Solid Green for 3s

Entry Control Command Class

A) Entry Control Key Supported Report Command

Key	Description
0	Keypad Number 0
1	Keypad Number 1
2	Keypad Number 2
3	Keypad Number 3
4	Keypad Number 4
5	Keypad Number 5
6	Keypad Number 6
7	Keypad Number 7
8	Keypad Number 8
9	Keypad Number 9

B) Entry Control Event Supported Report Command

Data Type:

Data Type	Description
0x02	1 to 32 ASCII encoded characters. ASCII codes MUST be in the value range 0x00-0xF7. The string MUST be padded with the value 0xFF to fit 16 byte blocks when sent in a notification.

Event Type:

Event Type	Button label	Description
0x00	Caching	CACHING KEYS is sent when the user has started entering credentials
0x01	Cached	CACHED_KEYS is sent when the cache size or the cache timeout is exceeded
0x02	ENTER	Keypad will send entry control notification (event type=0x02) when the "V" button is pressed.
0x03	DISARM_ALL	Keypad will send entry control notification (event type=0x03) when the Home Mode button is pressed.
0x05	ARM_AWAY	Keypad will send entry control notification (event type=0x05) when the Away Mode button is pressed.
0x06	ARM_HOME	Keypad will send entry control notification (event type=0x06) when the

		Stay Mode button is pressed.
0x12	ALERT_PANIC	Keypad will sent entry control notification (event type=0x12)when the "SOS" button is pressed.
0x19	CANCEL	Keypad will sent entry control notification (event type=0x19)when the "x" button is pressed.

Indicator Set Command

1. Set display status state to the Keypad, received from a [Z-waveZ-Wave](#) gateway
2. Indicator has 1 byte payload that is defined for the keypad in the following manner

7	6	5	4	3	2	1	0
Status Modifier				Status States			

Status Modifier:

- Status Modifier for Entry Delay and Exit Delay is a time field that defines how long to run the state feedback, Defined Time Field Status

Modifier use:

0x0 = 0sec

0x1 = 10sec

0x2 = 20sec

0x3 = 30sec

...

0xE = 140sec

0xF = 180sec

- Status Modifier for Alarming is an alarm type identifier that enables the keypad to indicate which alarm event the system has detected, Defined Alarming Status Modifier:

Status Modifier	Description
0x00	Alarm Event - Default

- Status Modifier for Armed Stay, Armed Away, Disarmed, Bypass Challenge, and Input Reject is a field that defines if the keypad should play sound, and if the keypad should light up upon receiving status. The modifier is a bit encoded field with:

0x0 = Sound ON and Activate LEDs (Normal Operation) for status update

0x1 = Sound OFF and Activate LEDs for status update

0x2 = Sound ON and Do Not Activate LEDs for status update

0x3 = Sound OFF and Do Not Activate LEDs for status update

Status States :

Status States	Description	System response
0x01	Disarmed	Disarm Mode LED Icon: solid GREEN Speaker: short beep twice in 1 seconds

0x02	Armed Away	Away Mode LED Icon: solid BLUE Speaker: long beep once
0x03	Armed Stay	Home Mode LED Icon: solid BLUE Speaker: long beep once.
0x04	Alarming	All Mode LED and SOS LED blink
0x05	Bypass	Bypass LED: solid yellow. Speaker: long beep one time, short beep twice
0x06	Entry Delay, uses Status Modifier field	Speaker - beep 10 seconds.
0x07	Exit Delay, uses Status Modifier field	Speaker - beep 10 seconds.
0x08	Rejected Input	Speaker: long beep one time, short beep twice
0x09 thru 0x0F	Reserved Values	

Indicator Get

Indicator Report	System Mode
00	NULL/Power On
03	Stay Mode
02	Away Mode
01	Disarm Mode

Notification Command Class

1. Notification Supported Report:

1. 1 Keypad supports Home Security (0x07) .

2. Event Supported Report:

- 1.1 Home Security (0x07): Motion detection (0x08), TAMPERING_COVERING_REMOVED (0x03), State idle (0x00)

3. How to trigger the different notifications:

1.1 Home Security(0x07):

Tampering Covering Removed(0x03): This notification Report will be sent when the tamper switch is released.

Motion detection (0x08): This notification Report will be sent when approaching sensor is triggered.

State idle(0x00):This notification report will be sent when the tamper switch is pressed.

LEEDARSON LIGHTING CO., LTD.

Xingtai Industrial Zone, Economic Development Zone, Changtai County, Zhangzhou City,
Fujian Province, P.R.China

EU Importer: XXXX

EU Address: XXXX

Hereby, [LEEDARSON LIGHTING CO., LTD.] declares that the radio equipment type Keypad

~~Z-Wave~~Z-Wave 700 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet
address: *****

带格式的: 字体颜色: 红色