

Aeotec Nano Switch

(Z-Wave Nano Switch)



Change history

Revision	Date	Change Description
1	8/22/2016	Initial draft.
2	10/11/2016	Update
3	11/08/2016	Update
4	12/07/2016	Update
5	12/17/2016	Update
6	02/27/2017	Update
7	06/02/2017	Update
8	08/23/2017	Update
9	3/19/2018	Update

Aeotec Nano Switch Engineering Specifications and Advanced Functions for Developers

Aeotec Nano Switch is a Z-Wave power binary switch device based on Z-Wave enhanced 232 slave library V6.51.10.

You can use it to control your home light or bulbs on/off and get the immediate consumption or kWh energy usage over a period of time.

It can connect to 2 external manual switches to control the load ON/OFF independently. Its surface has a pin socket, which can be used for connecting to the touch panel, so you can also use the touch panel to control the Nano Switch.

It can also be included and operated in any Z-wave network with other Z-wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. It is a security Z-Wave plus device, so a security enabled controller is needed for take full advantage of all functionally for the Nano Switch. It also supports the Over The Air (OTA) feature for the product's firmware upgrade.

As soon as Nano Switch is removed from a Z-Wave network it will be restored into default factory setting.

1. Library and Command Classes

1.1 SDK: 6.51.10

1.2 Library

- Basic Device Class: BASIC_TYPE_ROUTING_SLAVE
- Generic Device class: GENERIC_TYPE_SWITCH_BINARY
- Specific Device Class: SPECIFIC_TYPE_POWER_SWITCH_BINARY

1.3 Commands Class

	Non-Secure included	Secure included			
Node Info	COMMAND_CLASS_ZWAVEPLUS_INFO V2	COMMAND_CLASS_ZWAVEPLUS_INFO V2			
Frame	COMMAND_CLASS_BASIC V1	COMMAND_CLASS_SECURITY V1			
	COMMAND_CLASS_SWITCH_ALL V1	COMMAND_CLASS_DEVICE_RESET_LOCALLY V1			
	COMMAND_CLASS_METER_V3,	COMMAND_CLASS_MARK V1			
	COMMAND_CLASS_SWITCH_BINARY,	COMMAND_CLASS_HAIL V1			
	COMMAND_CLASS_CLOCK V1				
	COMMAND_CLASS_NOTIFICATION_V4,				
	COMMAND_CLASS_SCENE_ACTUATOR_CONF V1				
	COMMAND_CLASS_SCENE_ACTIVATION V1				
	COMMAND_CLASS_CONFIGURATION V1				
	COMMAND_CLASS_ASSOCIATION_GRP_INFO V1				
	COMMAND_CLASS_ASSOCIATION V2				
	COMMAND_CLASS_MANUFACTURER_SPECIFIC V2				
	COMMAND_CLASS_VERSION V2				
	COMMAND_CLASS_FIRMWARE_UPDATE_MD V3				
	COMMAND_CLASS_POWERLEVEL V1				
	COMMAND_CLASS_DEVICE_RESET_LOCALLY V1				

	COMMAND_CLASS_MARK V1	
	COMMAND_CLASS_HAIL V1	
Security	-	COMMAND_CLASS_SWITCH_ALL V1
Command		COMMAND_CLASS_METER_V3,
Supported		COMMAND_CLASS_SWITCH_BINARY,
Report		COMMAND_CLASS_CLOCK V1
Frame		COMMAND_CLASS_NOTIFICATION_V4,
		COMMAND_CLASS_SCENE_ACTUATOR_CONF V1
		COMMAND_CLASS_SCENE_ACTIVATION V1
		COMMAND_CLASS_CONFIGURATION V1
		COMMAND_CLASS_ASSOCIATION_GRP_INFO V1
		COMMAND_CLASS_ASSOCIATION V2
		COMMAND_CLASS_VERSION V2
		COMMAND_CLASS_MANUFACTURER_SPECIFIC V2
		COMMAND_CLASS_FIRMWARE_UPDATE_MD V3
		COMMAND_CLASS_POWERLEVEL V1

2. Technical Specifications

Model number: ZW116

Operating distance: Up to 492 feet/150 meters outdoors.

Input: 120VAC to 240VAC, 50Hz to 60Hz

Output: 120VAC, 50Hz to 60Hz, Max 15A Resistor load.

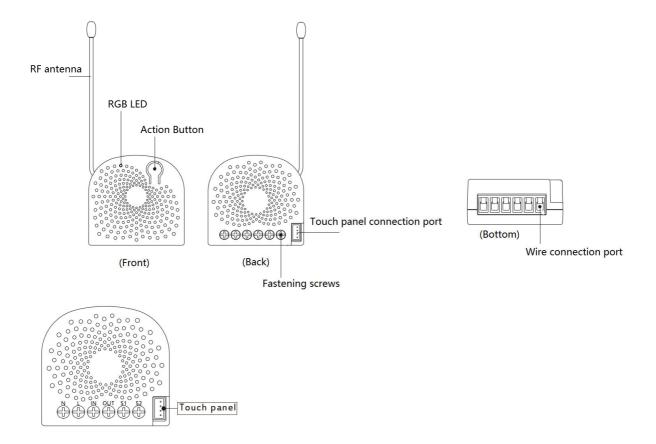
230VAC, 50Hz to 60Hz, Max 10A Resistor load.

Operating temperature: 0° C to 40° C.

Relative humidity: 8% to 80%.

3. Familiarize yourself with your Nano Switch

3.1 Interface



Notes for the wire connection ports:

N – Power input for neutral

L - Power input for live

IN - Input for load power supply

OUT – Output for load

\$1 - External switch control for load

\$2 - External switch control for load

4. All functions of each trigger

4.1 Function of Action Button

Since Nano Switch supports multiple NIFs, the non-security NIF can be sent out via pressing the Action Button one time, the security NIF can be sent out via pressing the Action Button 2 times.

Button Action	Description	
Click one time	1. Send out a Node info without Security CC in command class list	
	(Non-security inclusion).	
	2. Add Nano Switch into a Z-Wave network:	
	1. Power on your Nano Switch, the RGB LED will be colorful gradient status.	

	2. Let the primary controller into inclusion mode (If you don't know how to do
	this, refer to its manual).
	3. Press the Action button.
	4. If the inclusion is successful, the LED will be solid. Otherwise, the LED will
	remain colorful gradient status, in which you need to repeat the process from
	step 2.
	3. Remove Nano Switch from a Z-Wave network:
	1. Power on your Nano Switch, the RGB LED will be solid.
	2. Let the primary controller into remove mode (If you don't know how to do
	this, refer to its manual).
	3. Press the Action button.
	4. If the remove is successful, the LED will blink slowly and then be colorful
	gradient status. If the LED still is solid, please repeat the process from step 2.
Quick press 2	1. Send out a Node info that contains Security CC in the command
times	class list (Security inclusion).
	2. Add Nano Switch into a secure Z-Wave network:
	1. Power on your Nano Switch, the RGB LED will be colorful gradient status.
	,
	2. Let the secure primary controller into inclusion mode (If you don't know how
	to do this, refer to its manual).
	3. Quick press the Action button 2 times.
	4. If the inclusion is successful, the LED will be solid. Otherwise, the LED will
	remain colorful gradient status, in which you need to repeat the process from
	step 2.
	3. Remove Nano Switch from a Z-Wave network:
	1. Power on your Nano Switch, the LED will be solid.
	2. Let the primary controller into remove mode (If you don't know how to do
	this, refer to its manual).
	3. Press the Action button.
	4. If the remove is successful, the LED will be colorful gradient status. If the LED
	is still solid, please repeat the process from step 2.
Quick press 4	Activate the automatic identification mode for external switch S1.
times	The blue LED will fast blink to indicate the Nano Switch is in this mode.
	<i>Note:</i> When the Nano Switch enters this mode, toggle the external switch S1
	once and wait 2 seconds for the Nano Switch to detect the external switch
	type of S1.
Quick press 6	Activate the automatic identification mode for external switch S2.
times	The green LED will fast blink to indicate the Nano Switch is in this mode.
	Note: When the Nano Switch enters this mode, toggle the external switch S2
	1 1000. WITHOUT THE THAT TO SWITCH ETTERS THIS THOUGH, LOUGHE THE EXTERNAL SWITCH SZ

	once and wait 2 seconds for the Nano Switch to detect the external switch			
	type of S2.			
Press and hold	Reset Nano Switch to factory default:			
20 seconds	1. Make sure the Nano Switch has been powered on.			
	2. Press and hold the Action Button for 20 seconds.			
	3. The green LED will be on for 2 seconds and then remain colorful gradient			
	status, which indicates the reset is successful, otherwise please repeat from			
	step 2.			
	Note:			
	1, This procedure should only be used when the primary controller is missing			
	or inoperable.			
	2, Reset the Nano Switch to factory default will exclude the Nano Switch from			
	Z-Wave network, clear the Association settings, Scene configuration settings			
	and restore the Configuration settings to the default.			

4.2 RGB LED indication when Nano Switch is in Energy Mode

	LED color indication	Status
RGB LED	Green	Output load is in small wattage range.
		US version, the range of load current is (0A, 7.5A]
		AU/EU version, the range of load current is (0A, 5A]
	Yellow	Output load is in big wattage range.
		US version, the range of load wattage is (7.5A, 13.5A]
		AU/EU version, the range of load wattage is (5A, 9A]
	Red	Output load is in warning wattage range.
		US version, the range of load wattage is (13.5A, 15.5A]
		AU/EU version, the range of load wattage is (9A, 10.5A]

5. Special rule of each command

5.1 Z-Wave Plus Info Report Command Class

Parameter	Value	
Z-Wave Plus Version 1		
Role Type	5 (ZWAVEPLUS_INFO_REPORT_ROLE_TYPE_SLAVE_ALWAYS_ON)	
Node Type	0 (ZWAVEPLUS_INFO_REPORT_NODE_TYPE_ZWAVEPLUS_NODE)	
Installer Icon Type	0x0700 (ICON_TYPE_GENERIC_ON_OFF_POWER_SWITCH)	

User Icon Type	0x0700 (ICON_TYPE_GENERIC_ON_OFF_POWER_SWITCH)
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5.2 Basic Command Class

Basic Set = 0x01 to 0x63 or 0xFF, turn ON output load.

Basic Set = 0x00, turn OFF output load.

Basic Set = 0xFF maps to Binary Switch Set = 0xFF,

Basic Set = 0x00 maps to Binary Switch Set = 0x00,

Basic Get/Report maps to Binary Switch Get/Report.

5.3 Association Command Class

Nano Switch supports 4 association groups and Max 5 nodes for every group.

Association	Nodes	Send	Send commands
Group		Mode	
Group 1	[1,5]	Single Cast	When the state of Nano Switch (turn on/off the load) is changed: 1, Set Configuration parameter 80 to 0: Reserved (Default). 2, Set Configuration parameter 80 to 1: Send Hail CC. 3. Set Configuration parameter 80 to 2: Send the Basic Report. 4, Set Configuration parameter 80 to 3: Send the Basic Report when using the manual switch to change the load state.
Group 2	[1,5]	Single Cast	Forward the Basic Set, Switch All, Scene Activation Set to associated nodes in Group 2 when the Nano Switch receives the Basic Set, Switch All, Scene Activation Set commands from main controller. (E.g. Send/forward Basic Set to control the other nodes in association Group 2)
Group 3	[1,5]	Single Cast	Send Basic Set (enabled by Configuration parameter 0x51) to the associated nodes in Group 3 when the external switch S1 is operated. Note: The Switch Mode of external switch S1 should be identified successfully, which means that the value of Configuration parameter 0x78 should be non-zero, then the Basic Set can be sent to the associated nodes in Group 3 via triggering the S1 switch.
Group 4	[1,5]	Single Cast	Send Basic Set (enabled by Configuration parameter 0x52) to the associated nodes in Group 4 when the external switch S2 is operated. Note: The Switch Mode of external switch S2 should be identified

	successfully, which means that the value of Configuration
	parameter 0x79 should be non-zero, then the Basic Set can be sent
	to the associated nodes in Group 3 via triggering the S2 switch.

5.4 Association Group Info Command Class

5.4.1 Association Group Info Report Command Class

Group 1: 01 01 00 00 01 00 00 00

Group 2: 01 02 00 00 00 00 00 00

Group 3: 01 03 00 20 01 00 00 00

Group 4: 01 04 00 20 02 00 00 00

5.4.2 Association Group Name Report Command Class

Group 1: Lifeline (01 08 4C 69 66 65 6C 69 6E 65)

Group 2: Retransmit (02 0A 52 65 74 72 61 6E 73 6D 69 74)

Group 3: Control: Key1 (03 0C 43 6F 6E 74 72 6F 6C 3A 4B 65 79 31)

Group 4: Control:Key2 (04 0C 43 6F 6E 74 72 6F 6C 3A 4B 65 79 32)

5.4.3 Association Group Command List Report

Group 1:

Command List Report: 20 03 82 01 5A 0171 05 32 02.

COMMAND_CLASS_BASIC	BASIC_REPORT
COMMAND_CLASS_HAIL	HAIL
COMMAND_CLASS_DEVICE_RESET_LOCALLY	DEVICE_RESET_LOCALLY_NOTIFICATION
COMMAND_CLASS_NOTIFICATION_V4	NOTIFICATION_REPORT_V4
COMMAND_CLASS_METER_V3	METER_REPORT_V3

Group 2:

Command List Report: 20 01 27 04 27 05 2B 01.

COMMAND_CLASS_BASIC	BASIC_SET
COMMAND_CLASS_SWITCH_ALL	SWITCH_ALL_ON
COMMAND_CLASS_SWITCH_ALL	SWITCH_ALL_OFF
COMMAND_CLASS_SCENE_ACTIVATION	SCENE_ACTIVATION_SET

Group 3:

Command List Report: 20 01.

COMMAND_CLASS_BASIC	BASIC_SET
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Group 4:

Command List Report: 20 01.

COMMAND_CLASS_BASIC BASIC_SET

5.5 Manufacturer Specific Report

Parameter	Value
Manufacturer ID 1	US/EU/AU=0x00 CN=0x01
Manufacturer ID 2	US/EU/AU=0x86 CN=0x6A
Product Type ID 1	EU=0x00, US=0x01, AU=0x02 CN=0x1D (29)
Product Type ID 2	0x03
Product ID 1	0x00
Product ID 2	0x74 (116)

5.6 Notification Command Class

Notification Types		Notification Events	
Power Management 0x08		Over-current detected	0x06
Heat Alarm	0x04	Overheat detected	0x02

5.7 Scene Actuator Conf Command Class

The Nano Switch supports max 255 Scene IDs.

The Scene Actuator Conf Set command is effective, when only Level>=0 and Level<0x64 or Level=0xff, otherwise, it will be ignored.

The Scene Actuator Configuration Get Command is used to request the settings for a given scene, if scene ID is not setting, it will be ignored. If Scene ID =0, then the Nano Switch will report currently the activated scene settings. If the currently activated scene settings do not exist, the Nano Switch will reports Level = currently load status and Dimming Duration=0

5.8 Scene Activation Set Command Class

The Scene Activation Set Command is effective, when only Level>=0 and Level<0x64 or Level=0xff, otherwise, it will be ignored. If the requested Scene ID is not configured, it will be ignored too.

5.9 Configuration Set Command Class

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

Configuration Value n(LSB)	

Parameter Number Definitions (8 bit):

Parameter	Description	Default Value	Size
Number			
Hex /			
Decimal			
0x03 (3)	Over current protection. Output load will be closed	1	1
	after 30 seconds if the current exceeds (US: 15.5A,		
	AU or EU: 10A).		
	0 = Disabled		
	1 = Enabled		
0x04 (4)	Over heat protection. Output load will be closed after	0	1
	30 seconds if the temperature inside the product		
	exceeds 100℃.		
	0 = Disabled		
	1 = Enabled		
0x14 (20)	Configure the output load status after re-power on	0	1
	0 = The last status before the power outage.		
	1 = Always on		
	2 = Always off		
0x15 (21)	Enable/disable the IR sensor of WallSwipe.	80	4
	(LSB)Value $1 = 0$, disable the IR Sensor.		
	Value 1 = 1, enable the IR Sensor.		
	Value 2 = 0, Wave Option 1 is selected.		
	Value 2 = 1, Wave Option 2 is selected.		
	Value 3 = 0, disable the scene control functionality for		
	Left/Right wave.		
	Value 3 = 1, enable the scene control functionality for		
	Left/Right wave		
	-		
	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions.		
	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions. Value 4 = 1, enable the scene control functionality for		
	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions. Value 4 = 1, enable the scene control functionality for all wave actions.		
0x40 (64)	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions. Value 4 = 1, enable the scene control functionality for all wave actions. Set the button color of WallSwipe.	0x0aFFFFFF	4
0x40 (64)	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions. Value 4 = 1, enable the scene control functionality for all wave actions. Set the button color of WallSwipe. Value 1= Level 1.	0x0aFFFFFF	4
0x40 (64)	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions. Value 4 = 1, enable the scene control functionality for all wave actions. Set the button color of WallSwipe. Value 1= Level 1. Value 2= the color value of Red.	0x0aFFFFFF	4
0x40 (64)	Left/Right wave Value 4 = 0, disable the scene control functionality for all wave actions. Value 4 = 1, enable the scene control functionality for all wave actions. Set the button color of WallSwipe. Value 1= Level 1.	0x0aFFFFFF	4

0x41 (65)	Set the LED indication color of WallSwipe when the	0x32FFFFFF	4
(11)	gesture action is UP.		
	Value 1= Reserved		
	Value 2= the color value of Red.		
	Value 3= the color value of Green.		
	Value 4= the color value of Blue.		
0x42 (66)	Set the LED indication color of WallSwipe when the	0x32FFFFF	4
,	gesture action is Down.		
	Value 1= Reserved		
	Value 2= the color value of Red.		
	Value 3= the color value of Green.		
	Value 4= the color value of Blue.		
0x43 (67)	Set the LED indication color of WallSwipe when the	0x32FFFFFF	4
	gesture action is Left.		
	Value 1= Reserved		
	Value 2= the color value of Red.		
	Value 3= the color value of Green.		
	Value 4= the color value of Blue.		
0x44 (68)	Set the LED indication color of WallSwipe when the	0x32FFFFFF	4
	gesture action is Right.		
	Value 1= Reserved		
	Value 2= the color value of Red.		
	Value 3= the color value of Green.		
	Value 4= the color value of Blue.		
0x45 (69)	Set the LED indication color of WallSwipe when it is	0x0AFF0000	4
	in Night light state.		
	Value 1= Reserved		
	Value 2= the color value of Red.		
	Value 3= the color value of Green.		
	Value 4= the color value of Blue.		
0x47 (71)	Set the sensitivity of WallSwipe.	-	-
0x50 (80)	To set which notification would be sent to the	3	1
	associated nodes in association group 1 when the		
	state of output load is changed.		
	0 = Nothing		
	1 = Hail CC		
	2 = Basic Report CC		
	3 = Hail CC when using the external switch to switch		
	the loads.		

0	To pay validate markly actions are stall to the second	1	1
0x51 (81)	To set which notification would be sent to the	1	1
	associated nodes in association group 3 when using		
	the external switch 1 to switch the loads.		
	0 = Send Nothing		
	1 = Basic Set CC.		
0x52 (82)	To set which notification would be sent to the	1	1
	associated nodes in association group 4 when using		
	the external switch 2 to switch the loads.		
	0 = Send Nothing		
	1 = Basic Set CC.		
0x53 (83)	Configure the state of LED when it is in 3 modes	0	1
	below:		
	0 = The LED will follow the status (on/off) of its load		
	(Energy mode).		
	1 = When the state of Switch's load changed, The		
	LED will follow the status (on/off) of its load, but the		
	red LED will turn off after 5 seconds if there is no any		
	switch action (Momentary indicate mode).		
	2 = Night light mode.		
0x54 (84)	Set the ON/OFF time of the LED when it is in Night	Value1: 0x12	4
	light mode.	Value2: 0x00	
	Value1 = ON (hour)	Value3: 0x08	
	Value2 = ON (minute)	Value4: 0x00	
	Value3 = OFF (hour)		
	Value4 = OFF (minute)		
0x56 (86)	Set the ON time of output load.	Value1=0x00	4
	Value1 = 0, disable or =1, enable.	Value2=0x7F	
	Value2 = ON (day, bit0 - bit6 represent Mon to Sun)	Value3=0x12	
	Value3 = ON (hour)	Value4=0x00	
	Value4 = ON (minute)		
0x57 (87)	Set the OFF time of output load.	Value1=0x00	4
	Value1 = 0, disable or =1, enable.	Value2=0x7F	
	Value2 = OFF (day, bit0 - bit6 represent Mon to Sun)	Value3=0x17	
	Value3 = OFF (hour)	Value4=0x00	
	Value4 = OFF (minute)		
0x5A (90)	Enable/disable the parameter 91 and 92 below	0	1
	0 = Disable		
	1 = Enable		
	1	1	1

0x5B (91)	The value here represents minimum change in wattage (in terms of wattage) to induce a Meter	25 (W)	2
0,450 (02)	Report (available range 0-60000).	F (04)	1
0x5C (92)	The value here represents minimum change in	5 (%)	1
	wattage percent (in terms of percentage) to induce a		
0x64 (100)	Meter Report (available range 0-100). Set 101-103 to default.	N/A	1
0x65 (101)	To set which report would be sent in Report group 1	0×00 00 00 00	4
000 (100)	(See flags in table below).	0.00.00.00.00	4
0x66 (102)	To set which report would be sent in Report group 2 (See flags in table below).	0×00 00 00 00	4
0x67 (103)	To set which report would be sent in Report group 3	0x00 00 00 00	4
	(See flags in table below).		
0x6E (110)	Set 111-113 to default.	N/A	1
0x6F (111)	The time interval of sending Report group 1.	0x00 00 00 0A	4
0x70 (112)	The time interval of sending Report group 2.	0x00 00 02 58	4
0x71 (113)	The time interval of sending Report group 3.	0x00 00 02 58	4
0x78 (120)	Set the external switch mode for S1.	0	1
	0 = Unidentified mode.		
	1 = 2 state switch mode		
	2 = 3 way switch mode		
	3 = push button mode		
	4 = enter automatic identification mode (The blue		
	Led will fast blink).		
	Note: When the switch mode of S1 is determined or		
	identified or configured, this mode value will not be		
	reset after exclusion		
0x79 (121)	Set the external switch mode for S2.	0	1
	0 = Unidentified mode.		
	1 = 2 state switch mode		
	2 = 3 way switch mode		
	3 = push button mode		
	4 = enter automatic identification mode (The green		
	Led will fast blink).		
	Note: When the switch mode of S2 is determined or		
	identified or configured, this mode value will not be		
	reset after exclusion.		

	T	1 _	1 .
0x7A (122)	Set the control destination of the external switch S1.	3	1
	1 = control itself.		
	2 = control other nodes in the same network.		
	3 = control itself and other nodes in the same		
	network.		
0x7B (123)	Set the control destination for external switch S2	3	1
	1 = control the output loads of itself.		
	2 = control the other nodes.		
	3 = control the output loads of itself and other nodes.		
0x90 (144)	Get the connection state of WallSwipe.	-	1
	0 = disconnected.		
	1 = connected.		
	Note: this is a Get-only parameter.		
0xF7 (247)	Set the working way for S1/S2 when the Switch	0	`1
	mode is 2 state switch mode.		
	Bit 0 =0, S1 is a toggle switch.		
	Bit 0 =1, S1 is an On/Off switch, the out load state		
	and S1 switch state would be in sync when using S1		
	to control the output load.		
	Bit 1 =0, S2 is a toggle switch.		
	Bit 1 =1, S2 is an On/Off switch, the out load state		
	and S2 switch state would be in sync when using S2		
	to control the output load.		
	Bit 2- Bit 7, reserved.		
0xF8 (248)	Set the function of S1/S2.	131	1
	Bit 0 = 0, the function of sending NIF is disabled.		
	Bit 0 = 1, the function of sending NIF is enabled.		
	Bit 1 = 0, the function of entering RF power level test		
	mode is disabled.		
	Bit 1 = 1, the function of entering RF power level test		
	mode is enabled.		
	Bit 2 = 0, the function of factory reset is disabled.		
	Bit $2 = 1$, the function of factory reset is enabled.		
	Bit 3- Bit 6 = reserved.		
	Bit 7 = 0, the setting for Bit 0 –Bit 2 are ineffective.		
	Bit 7 = 1, the setting for Bit 0 –Bit 2 are effective.		
0xFB (251)	Enable/disable the factory reset function of Action	1	1
(Button, external switches or WallSwipe.		
	0 = Disable.		
	1 = Enable.		

0xFC (252)	Enable/disable Configuration Locked (0 =disable, 1 =	0	1
	enable).		
0xFF (255)	1, Value=0x55555555 Default=1 Size=4	N/A	4
	Reset to factory default setting and removed from the		
	z-wave network		
	2, Value=0、Default=1、Size=1	N/A	1
	Reset all configuration parameters to factory default		
	setting		

Configuration Values for parameter 101-103:

	7	6	5	4	3	2	1	0		
configuration	Reserved									
Value 1(MSB)										
configuration	Reserved									
Value 2										
configuration	Reserved									
Value 3										
configuration	Reserved	Reserved	Reserved	Reserved	Auto	Auto	Auto	Auto		
Value 4(LSB)					send	send	send	send		
					Meter	Meter	Meter	Meter		
					REPORT	REPORT	REPORT	REPORT		
					(Current)	(Voltage)	(Watt)	(kWh)		