

Z-Wave Device Library

Z-Wave Logo



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Language

Device Description

Product Name: ZDM-80SA

Brand Name: Remotec

Product Line: Z-Wave Home Automation

Product Code: BW8021SA

Product Version: 0.21

Product Comment:


Battery Type:

Battery Count:

Description: Z-Wave Dimming Switch Module

Inclusion Note: Triple click the PROG button within 1 second.

Wakeup Note:

Default Image:  Not available

Device Data

Hash Weak: 04-11-01

Hash Strong: 5254-8201-8021-03-03-67-00-21

Manufacturer: Remotec (0x5254)

Product Type ID: 0x8201

Product ID: 0x8021

Library Type: 0x03

Protocol Version: 0x03

Protocol Sub Version: 0x67
Application Version: 0x00
Application Sub Version: 0x21
Basic Class: Slave with routing capabilities
Generic Class: Multilevel Switch
Specific Class: Multilevel Power Switch
Optional Flag: ✓
Listening Flag: ✓
Routing Flag: ✗
Beam Sensor 0
RF Frequency EU
Certification ID:
Certification Number:
Submitter: lydia
Create time: 2014-09-18 12:04:18
Last changed: 2015-05-06 16:28:19

Implemented Command Classes

Command Class	Byte	Version	Support	Control	In NIF	Secure	Non Secure
Basic	0x20	1	✓	✓	✓	✗	✓
All Switch	0x27	1	✓	✗	✓	✗	✓
Multilevel Switch	0x26	2	✓	✗	✓	✗	✓
Configuration	0x70	1	✓	✗	✓	✗	✓
Association	0x85	2	✓	✗	✓	✗	✓
Manufacturer Specific	0x72	1	✓	✗	✓	✗	✓
Scene Activation	0x2B	1	✓	✗	✓	✗	✓
Scene Actuator Configuration	0x2C	1	✓	✗	✓	✗	✓
Powerlevel	0x73	1	✓	✗	✓	✗	✓
Version	0x86	1	✓	✗	✓	✗	✓
Binary Switch	0x25	1	✓	✗	✓	✗	✓

Config Parameters

Paramter No.	1	Size	1	Default	-1
Name	All On/All Of				
Description	Choose if All On/All Off mode should be activated or deactivated.				
Type	constant				
Values	0 -> All On is not active, All Off is not active 1 -> All On is not active, All Off active 2 -> All On active, All Off is not active -1 -> All On active, All Off active				

Paramter No.	5	Size	1	Default	1
Name	Switch state after power failure				
Description	Switch returns to the last position saved before power failure.				
Type	constant				
Values	0 -> Switch does not save the state after power failure, it returns to "off" position. 1 -> Switch saves its state before power failure.				
Paramter No.	13	Size	1	Default	1
Name	Double click option				
Description	Enable or disable double click function for maximum brightness level.				
Type	constant				
Values	0 -> Double click function disabled. 1 -> Double click function enabled.				
Paramter No.	17	Size	1	Default	3
Name	Dimming time frame				
Description	Sets the time of moving the Dimmer from 0% to max. dimming values. (The ZDM-80 will implement the dimming duration if received this parameter value from controller/gateway. Otherwise, the ZDM-80 will implement the local parameter value)				
Type	range				
Values	0 sec - 5 sec -> Define time frame.				
Paramter No.	18	Size	1	Default	99
Name	Maximum Dimmer level control				
Description	Define the upper dimming level. Higher percentages lead to higher brightness level.				
Type	range				
Values	2 % - 99 % -> Define dimming level.				
Paramter No.	19	Size	1	Default	13
Name	Minimum Dimmer level control				
Description	Define the lower dimming level. Lower percentages lead to lower brightness level.				
Type	range				
Values	1 % - 98 % -> Define dimming level.				

Association Groups

Group Max Number Nodes

Description

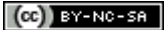
2	4	.. Dimmer mode: ZDM-80 will send out related dimming level e.g. 50% by basic set command to its association group automatically when ZDM-80 received the dimming command by local switch or wireless command e.g. 50%. .. Switch mode: ZDM-80 will send out related basic set command On (0xFF) or Off (0x00) to its association group automatically when ZDM-80 received On (0xFF) or Off (0x00) command by local switch or wireless command respectively. (Max. 4 nodes ID can be assigned to this association group)
1	1	Association group_1 is used to report status change such as AUTO report to gateway.

Endpoints

Alarm Mappings

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