

Z-Wave Protocol Implementation Conformance Statement

Nano Switch

General Information

Product Identifier:	ZW139-D
Brand Name:	Aeotec
Product Version:	HW: 139 FW: 3.00:01.02
Z-Wave Certification #:	ZC10-18116295

Product Features

Switch Type	Toggle
Z-Wave Scene Type	Scene
Firmware Updatable	Updatable by Consumer by RF
Supported Notification Types	Heat Alarm
Electric Load Type	Dimmable LED ELV (Electronic) Fluorescent Incandescent LED MLV (Magnetic)

Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	Yes
Supports Security S2?	No
SmartStart Compatible?	No

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(Continued)

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Z-Wave Technical Information

Z-Wave Frequency:	Hong Kong
Z-Wave Product ID:	0x008B
Z-Wave Product Type:	0x0303
Z-Wave Hardware Platform:	ZM5101
Z-Wave Development Kit Version:	6.51.10
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	On/Off Power Switch / Always On Slave

Association Group Information

Group # / Max Description

Nodes

1 / 5	Z-Wave Plus Lifeline. When the load state of In-Wall Switch (turn on/off the load) is changed, the Hail CC and Basic Report (configured by parameter 80) can be sent to the associated nodes in this group.
2 / 5	Forward the Basic Set, Switch All, Scene Activation Set to associated nodes in Group 2 when the In-Wall 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)
3 / 5	Send Basic Set (configured by 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.
4 / 5	Send Basic Set (configured by 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.

Supported Command Classes (17):

Association Group Info	Association V2
Basic	Clock
Configuration	Device Reset Locally
Firmware Update Meta-Data V3	Manufacturer Specific V2
Notification V4	Powerlevel
Scene Activation	Scene Actuator Conf
Security S0	Switch All
Switch Binary	Version V2
Z-Wave Plus Info V2	

Controlled Command Classes (2):

Basic	Hail
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