

Z-Wave Protocol Implementation Conformance Statement

Nano Switch

General Information

Product Identifier:	ZW116-B
Brand Name:	Aeotec
Product Version:	HW: 116 FW: 1.01:01.00
Z-Wave Certification #:	ZC10-17035495

Product Features

Z-Wave Scene Type	Scene
Firmware Updatable	Updatable by Consumer by RF
Supported Meter Type	Electric Energy
Electric Load Type	Dimmable LED ELV (Electronic) Fluorescent Incandescent Inductive (e.g. Motor) LED MLV (Magnetic)
Switch Type	Toggle

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:	Australia / New Zealand
Z-Wave Product ID:	0x0074
Z-Wave Product Type:	0x0203
Z-Wave Hardware Platform:	ZM5101
Z-Wave Development Kit Version:	6.51.09
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 Nano 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 Dual 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)
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 (18):

Association Group Info	Association V2
Basic	Clock
Configuration	Device Reset Locally
Firmware Update Meta-Data V2	Manufacturer Specific V2
Meter V3	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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