

## Z-Wave Protocol Implementation Conformance Statement

### Nano Switch

#### General Information

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

#### Product Features

<b>Switch Type</b>	Toggle
<b>Z-Wave Scene Type</b>	Scene
<b>Firmware Updatable</b>	Updatable by Consumer by RF
<b>Supported Notification Types</b>	Heat Alarm
<b>Electric Load Type</b>	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

# Z-Wave Protocol Implementation Conformance Statement

(Continued)

## Nano Switch

### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	Hong Kong
<b>Z-Wave Product ID:</b>	0x008B
<b>Z-Wave Product Type:</b>	0x0303
<b>Z-Wave Hardware Platform:</b>	ZM5101
<b>Z-Wave Development Kit Version:</b>	6.51.10
<b>Z-Wave Library Type:</b>	Enhanced 232 Slave
<b>Z-Wave Device Type / Role Type:</b>	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
-------	------