

Z-Wave Protocol Implementation Conformance Statement

Nano Switch

General Information

| | |
|--------------------------------|------------------------|
| Product Identifier: | ZW139-A |
| Brand Name: | Aeotec |
| Product Version: | HW: 139 FW: 1.01:01.00 |
| Z-Wave Certification #: | ZC10-17035510 |

Product Features

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

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

| | |
|--|---------------------------------------|
| Z-Wave Frequency: | U.S. / Canada / Mexico |
| Z-Wave Product ID: | 0x008B |
| Z-Wave Product Type: | 0x0103 |
| 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 (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 |
|-------|------|