



## Z-Wave Protocol Implementation Conformance Statement

### Dual Nano Switch

#### General Information

**Product Identifier:** ZW140-D  
**Brand Name:** Aeotec  
**Product Version:** HW: 140 FW: 2.00:01.02  
**Z-Wave Certification #:** ZC10-18116298

#### Product Features

**Firmware Updatable** Updatable by Consumer by RF

**Switch Type** Toggle

**Z-Wave Scene Type** Scene

**Electric Load Type** Dimmable LED  
ELV (Electronic)  
Fluorescent  
Incandescent  
Inductive (e.g. Motor)  
LED  
MLV (Magnetic)

**Supported Notification Types** Heat Alarm

#### 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)

## Dual Nano Switch

### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	Hong Kong
<b>Z-Wave Product ID:</b>	0x008C
<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 Dual 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 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 (19):

Command Class Association Group Info	Command Class Association V2
Command Class Basic	Command Class Clock
Command Class Configuration	Command Class Device Reset Locally
Command Class Firmware Update Md V3	Command Class Manufacturer Specific V2
Command Class Multi Channel Association V3	Command Class Multi Channel V4
Command Class Notification V4	Command Class Powerlevel
Command Class Scene Activation	Command Class Scene Actuator Conf
Command Class Security	Command Class Switch All
Command Class Switch Binary	Command Class Version V2
Command Class Z-Wave+ Info V2	

#### Controlled Command Classes (2):

Command Class Basic	Command Class Hail
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