

Z-Wave Protocol Implementation Conformance Statement

Dimmer Switch (Red Series)

General Information

Product Identifier:	LZW31-SN
Brand Name:	Inovelli
Product Version:	HW: 1 FW: 1.54:01.44
Z-Wave Certification #:	ZC10-21067041

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?	Yes: S2 Authenticated, S2 Unauthenticated
SmartStart Compatible?	Yes

Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico
Z-Wave Product ID:	0x0001
Z-Wave Product Type:	0x0001
Z-Wave Hardware Platform:	ZM5101
Z-Wave Development Kit Version:	6.81.03
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	Light Dimmer Switch / Always On Slave

Association Group Information

Group # / Max	Description
Nodes	
1 / 5	Lifeline: Members of this group will receive unsolicited messages related to the status of the switch
2 / 5	Sends start and stop level change to associated devices. (1. Single press UP button sends BasicSet (0xFF) and 2. Single press Down sends BasicSet (0x00)
3 / 5	Sends dim/brighten commands to associated devices when switch is pressed. (1. Hold & Release Up button sends SwitchMultiLevelSet which keeps associated devices in sync with this device and 2. Hold & Release Down button sends SwitchMultiLevelSet which keeps associated devices in sync with this device and 3. Single press Up button sends SwitchMultiLevelSet(0xFF) and 4. Single press Down button sends SwitchMultiLevelSet(0x00)

Z-Wave Protocol Implementation Conformance Statement

(Continued)

Dimmer Switch (Red Series)

4 / 5 Sends start and stop level change to associated devices. (1. Hold Up button sends SWITCH_MULTILEVEL_START_LEVEL_CHANGE (Dim Up) and 2. Release Up button sends SWITCH_MULTILEVEL_STOP_LEVEL_CHANGE and 3: Hold Down button sends SWITCH_MULTILEVEL_START_LEVEL_CHANGE (Dim Down) and 4: Release Down button sends SWITCH_MULTILEVEL_STOP_LEVEL_CHANGE)

Supported Command Classes (19):

Application Status	Association Group Info
Association V2	Basic
Central Scene V3	Configuration
Device Reset Locally	Firmware Update Meta-Data V4
Manufacturer Specific V2	Meter V3
Powerlevel	Protection V2
Security S0	Security S2
Supervision	Switch Multilevel V2
Transport Service V2	Version V2
Z-Wave Plus Info V2	

Controlled Command Classes (2):

Basic	Switch Multilevel V2
-------	----------------------