

## Z-Wave Protocol Implementation Conformance Statement

### Mini Dimmer

#### General Information

<b>Product Identifier:</b>	ZMNHHD2
<b>Brand Name:</b>	QUBINO
<b>Product Version:</b>	HW: 2 FW: 30.10:30.10
<b>Z-Wave Certification #:</b>	ZC10-21127064

#### Product Features

<b>Communications Protocol</b>	Manufacturer Proprietary Protocol
<b>Outdoor Use</b>	No
<b>Supported Meter Type</b>	(No feature option values set for this feature)
<b>Supported Notification Types</b>	(No feature option values set for this feature)
<b>Switch Load Capacity Current</b>	0,85A
<b>Switch Load Capacity Volt-Ampere</b>	
<b>Switch Type</b>	Decorator Paddle Push

#### Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	No
Supports Security S2?	Yes: S2 Authenticated, S2 Unauthenticated
SmartStart Compatible?	Yes

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(Continued)

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### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	Chile, Australia / New Zealand, Brazil, Malaysia
<b>Z-Wave Product ID:</b>	0x0055
<b>Z-Wave Product Type:</b>	0x0001
<b>Z-Wave Hardware Platform:</b>	ZM5101
<b>Z-Wave Development Kit Version:</b>	6.82.01
<b>Z-Wave Library Type:</b>	Enhanced 232 Slave
<b>Z-Wave Device Type / Role Type:</b>	Light Dimmer Switch / Always On Slave

### Association Group Information

#### Group # / Max Description

##### Nodes

1 / 1	Lifeline. Supports the following command classes: • Device Reset Locally: triggered upon request • Meter Report: triggered according to Configuration parameters 40 and 42 • Notification Report: triggered on overload/over heating • Switch Multilevel Report: triggered upon request or according to Configuration parameters 11 and 12. • Switch Binary Report: triggered upon request or according to Configuration parameters 11 and 12.
2 / 16	Supports the following command classes: • Basic set: triggered at the change of the output and reflecting its state
3 / 16	Supports the following command classes: • Start/Stop Level Change: triggered upon holding and releasing the switch connected to terminal I
4 / 16	Supports the following command classes: • Switch Multilevel Set: triggered at change of output and reflecting its state

#### Supported Command Classes (16):

Association Group Information V2	Association V2
Basic	Binary Switch
Configuration	Device Reset Locally
Manufacturer Specific V2	Meter V4
Notification V8	Powerlevel
Security 2	Supervision
Switch Multilevel V3	Transport Service V2
Version V2	Z-Wave Plus Info V2

#### Controlled Command Classes (3):

Basic	Binary Switch
Switch Multilevel V3	