

## Z-Wave Protocol Implementation Conformance Statement

# Smart Carbon Monoxide Sensor

### General Information

<b>Product Identifier:</b>	HS1CA-Z
<b>Brand Name:</b>	HEIMAN
<b>Product Version:</b>	HW: 255 FW: 1.10
<b>Z-Wave Certification #:</b>	ZC10-16095241

### Product Features

<b>Battery Quantity</b>	1
<b>Battery Type</b>	CR123A
<b>Color</b>	White
<b>Communications Connections</b>	Ethernet (Wireless/WiFi)
<b>Communications Protocol</b>	Z-Wave Serial API
<b>Firmware Updatable</b>	Not Updatable
<b>Switch Load Capacity Current</b>	0.000015A(Static Current)
<b>Switch Load Capacity Volt-Ampere</b>	3V
<b>Switch Load Capacity Watts</b>	0.000045W
<b>Outdoor Use</b>	Yes

### 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?	No
SmartStart Compatible?	No

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### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	CEPT (Europe)
<b>Z-Wave Product ID:</b>	0x1000
<b>Z-Wave Product Type:</b>	0x8005
<b>Z-Wave Hardware Platform:</b>	ZM5202
<b>Z-Wave Development Kit Version:</b>	6.51.08
<b>Z-Wave Library Type:</b>	Routing Slave
<b>Z-Wave Device Type / Role Type:</b>	Notification Sensor / Reporting Sleeping Slave

### Association Group Information

<b>Group # / Max</b>	<b>Description</b>
<b>Nodes</b>	
1 / 1	Association group 1: Lifeline association group Include command classes: Battery report, Notification report, and Device Reset Locally notification, Binary report.
2 / 5	Association group 2: Root Device group(Binary Sensor) Binary Sensor Command Class: Compatible with 300 series 1-Binary Sensor reports status of CO or no CO via Lifeline. 2-When the sensor detects status change of CO and no CO, the device will be triggered.
3 / 5	Association group 3: Root Device group(Notification) 1-Notification reports status of detect CO or no CO via Lifeline. 2-When the sensor detects status change of CO and no CO, the device will be triggered.