

Z-Wave Protocol Implementation Conformance Statement

Wireless Alarm System with Integrated Home Automation

General Information

Product Identifier:	WS900-29
Brand Name:	DSC
Product Version:	HW: 151 FW: 5.14:03.15
Z-Wave Certification #:	ZC10-18076189

Product Features

Supported Notification Types	CO Alarm Emergency Alarm Home Security Smoke Alarm
Battery Type	Li-Io Battery Pack
Color	Black
Communications Connections	Ethernet (Wired) Ethernet (Wireless/WiFi)
Communications Protocol	Z-Wave Serial API
Firmware Updatable	Updatable by Consumer via Internet
Thermostat Modes	Auto Cool Energy Save Cool Energy Save Heat Fan Only Heat
Sensors	Air Temperature Humidity Luminance Open/Closed (Binary) Power

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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 Access Control, S2 Authenticated, S2 Unauthenticated
SmartStart Compatible?	No

Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico
Z-Wave Product ID:	0x0104
Z-Wave Product Type:	0x0004
Z-Wave Hardware Platform:	ZM5101
Z-Wave Development Kit Version:	6.81.00
Z-Wave Library Type:	Static Controller
Z-Wave Device Type / Role Type:	Central Controller / Central Static Controller

Association Group Information

Group # / Max **Description**

Nodes

1 / 56 12 Association Command Class • The Alarm.com Z-WAVE DEVICE keeps a lifeline association group, and it is group 1. We only notify these nodes when the Alarm.com Z-WAVE DEVICE performs a Z-Wave factory reset. When this occurs the Z-WAVE DEVICE sends a DEVICE_RESET_LOCALLY_NOTIFICATION to all associated nodes. If not associations are set up then the notification is broadcast. • The maximum number of devices supported in group 1 for the Alarm.com Z-WAVE DEVICE is 56.

Supported Command Classes (16):

Application Status	Association Group Info
Association V2	Controller Replication
CRC16 Encapsulation	Device Reset Locally
Inclusion Controller	Manufacturer Specific
Multi-Command	Powerlevel
Security S0	Security S2
Supervision	Transport Service V2
Version V2	Z-Wave Plus Info V2

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Controlled Command Classes (39):

Association Group Info	Association V2
Barrier Operator	Basic
Battery	Clock
Configuration	CRC16 Encapsulation
Device Reset Locally	Door Lock
Firmware Update Meta-Data V3	Hail
Inclusion Controller	Manufacturer Specific
Meter	Multi-Channel Association V3
Multi-Channel V4	Multi-Command
No Operation	Notification V3
Powerlevel	Schedule Entry Lock V3
Security S0	Security S2
Sensor Binary	Sensor Multilevel
Switch Binary	Switch Multilevel
Thermostat Fan Mode	Thermostat Fan State
Thermostat Mode	Thermostat Operating State
Thermostat Setpoint	Time Parameters
Transport Service V2	User Code
Version V2	Wake Up V2
Z-Wave Plus Info V2	