Z-Wave Protocol Implementation Conformance Statement

RisControl Smart Home Z-Wave Controller

General Information

Product Identifier:	RisControlZW100
Brand Name:	RISCO Ltd.
Product Version:	HW: 01 FW: 02.05:02.05
Z-Wave Certification #:	ZC14-24110483

Product Features

Color White

Communications Connections Bluetooth
Ethernet (Wireless/WiFi)
RS-485 (Serial)

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?	Yes

Z-Wave Technical Information

Z-Wave Frequency:	CEPT (Europe), South Africa, Bahrain, Cyprus, Moldova, French Guiana, Georgia, Kazakstan, Maldives, Mauritius, Nigeria, Philippines, Armenia
Z-Wave Product ID:	0x0001
Z-Wave Product Type:	0x0001
Z-Wave Hardware Platform:	EFR32ZG23A
Z-Wave Development Kit Version:	7.22.1
Z-Wave Library Type:	Bridge Controller
Z-Wave Device Type / Role Type:	Gateway DT / Central Static Controller

Association Group Information

Group # / Max   Description

RisControl Smart Home Z-Wave Controller

Supported Command Classes (18):

Association Group Information (AGI) V3	Association V2
CRC-16 Encapsulation	Device Reset Locally
Firmware Update Meta Data V5	Inclusion Controller
Indicator V3	Manufacturer Specific
Multi Channel Association V3	Multi Command
Powerlevel	Security 0
Security 2	Supervision
Time	Transport Service V2
Version V2	Z-Wave Plus Info V2

Controlled Command Classes (29):

Association Group Information (AGI) V3	Association V2
Barrier Operator	Basic V2
Battery	Binary Switch V2
Central Scene V3	Configuration V4
CRC-16 Encapsulation	Device Reset Locally
Door Lock V4	Firmware Update Meta Data V5
Inclusion Controller	Indicator V3
Manufacturer Specific	Meter V5
Multi Channel Association V3	Multi Channel V4
Multilevel Sensor V11	Multilevel Switch V4
Notification V8	Security 0
Security 2	Thermostat Fan Mode
Thermostat Mode V3	Thermostat Setpoint V3
Version V2	Wake Up V2
Z-Wave Plus Info V2	

Z-Wave Protocol Implementation Conformance Statement

RisControl Smart Home Z-Wave Controller

General Information

Product Identifier:	RisControlZW100
Brand Name:	RISCO Ltd.
Product Version:	HW: 01 FW: 02.05:02.05
Z-Wave Certification #:	ZC14-25020503

Product Features

Color	White
Communications Connections	Bluetooth
	Ethernet (Wireless/WiFi)
	RS-485 (Serial)

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?	Yes

Z-Wave Technical Information

Z-Wave Frequency:	Australia / New Zealand, Malaysia, Brazil, Chile, El Salvador, Indonesia, Australia / New Zealand, Paraguay, Peru, Uruguay, Venezuela, Vietnam
Z-Wave Product ID:	0x0004
Z-Wave Product Type:	0x0001
Z-Wave Hardware Platform:	EFR32ZG23A
Z-Wave Development Kit Version:	7.22.1
Z-Wave Library Type:	Bridge Controller
Z-Wave Device Type / Role Type:	Gateway DT / Central Static Controller

Association Group Information

Group # / Max	Description

RisControl Smart Home Z-Wave Controller

Supported Command Classes (18):

Association Group Information (AGI) V3	Association V2
CRC-16 Encapsulation	Device Reset Locally
Firmware Update Meta Data V5	Inclusion Controller
Indicator V3	Manufacturer Specific
Multi Channel Association V3	Multi Command
Powerlevel	Security 0
Security 2	Supervision
Time	Transport Service V2
Version V2	Z-Wave Plus Info V2

Controlled Command Classes (29):

Association Group Information (AGI) V3	Association V2
Barrier Operator	Basic V2
Battery	Binary Switch V2
Central Scene V3	Configuration V4
CRC-16 Encapsulation	Device Reset Locally
Door Lock V4	Firmware Update Meta Data V5
Inclusion Controller	Indicator V3
Manufacturer Specific	Meter V5
Multi Channel Association V3	Multi Channel V4
Multilevel Sensor V11	Multilevel Switch V4
Notification V8	Security 0
Security 2	Thermostat Fan Mode
Thermostat Mode V3	Thermostat Setpoint V3
Version V2	Wake Up V2
Z-Wave Plus Info V2	

Z-Wave Protocol Implementation Conformance Statement

RisControl Smart Home Z-Wave Controller

General Information

Product Identifier:	RisControlZW100
Brand Name:	RISCO Ltd.
Product Version:	HW: 01 FW: 02.05:02.05
Z-Wave Certification #:	ZC14-25020501

Product Features

Color	White
Communications Connections	Bluetooth
	Ethernet (Wireless/WiFi)
	RS-485 (Serial)

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?	Yes

Z-Wave Technical Information

Z-Wave Frequency:	Israel
Z-Wave Product ID:	0x0002
Z-Wave Product Type:	0x0001
Z-Wave Hardware Platform:	EFR32ZG23A
Z-Wave Development Kit Version:	7.22.1
Z-Wave Library Type:	Bridge Controller
Z-Wave Device Type / Role Type:	Gateway DT / Central Static Controller

Association Group Information

Group # / Max Nodes   **Description**

RisControl Smart Home Z-Wave Controller

Supported Command Classes (18):

Association Group Information (AGI) V3	Association V2
CRC-16 Encapsulation	Device Reset Locally
Firmware Update Meta Data V5	Inclusion Controller
Indicator V3	Manufacturer Specific
Multi Channel Association V3	Multi Command
Powerlevel	Security 0
Security 2	Supervision
Time	Transport Service V2
Version V2	Z-Wave Plus Info V2

Controlled Command Classes (29):

Association Group Information (AGI) V3	Association V2
Barrier Operator	Basic V2
Battery	Binary Switch V2
Central Scene V3	Configuration V4
CRC-16 Encapsulation	Device Reset Locally
Door Lock V4	Firmware Update Meta Data V5
Inclusion Controller	Indicator V3
Manufacturer Specific	Meter V5
Multi Channel Association V3	Multi Channel V4
Multilevel Sensor V11	Multilevel Switch V4
Notification V8	Security 0
Security 2	Thermostat Fan Mode
Thermostat Mode V3	Thermostat Setpoint V3
Version V2	Wake Up V2
Z-Wave Plus Info V2	

RisControl Smart Home Z-Wave Controller

General Information

Product Identifier:	RisControlZW100
Brand Name:	RISCO Ltd.
Product Version:	HW: 01 FW: 02.05:02.05
Z-Wave Certification #:	ZC14-25020502

Product Features

Color	White
Communications Connections	Bluetooth
	Ethernet (Wireless/WiFi)
	RS-485 (Serial)

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?	Yes

Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico, Columbia, Argentina, Bahamas, Barbados, Bermuda, Bolivia, British Virgin Islands, U.S. / Canada / Mexico, U.S. / Canada / Mexico, Cayman Islands, Guatemala, Haiti, Honduras, Jamaica, Panama, St Kitts and Nevis, Suriname, Trinidad and Tabago, Turks and Caicos Islands
Z-Wave Product ID:	0x0003
Z-Wave Product Type:	0x0001
Z-Wave Hardware Platform:	EFR32ZG23A
Z-Wave Development Kit Version:	7.22.1
Z-Wave Library Type:	Bridge Controller
Z-Wave Device Type / Role Type:	Gateway DT / Central Static Controller

Association Group Information

Group # / Max   Description

RisControl Smart Home Z-Wave Controller

Supported Command Classes (18):

Association Group Information (AGI) V3	Association V2
CRC-16 Encapsulation	Device Reset Locally
Firmware Update Meta Data V5	Inclusion Controller
Indicator V3	Manufacturer Specific
Multi Channel Association V3	Multi Command
Powerlevel	Security 0
Security 2	Supervision
Time	Transport Service V2
Version V2	Z-Wave Plus Info V2

Controlled Command Classes (29):

Association Group Information (AGI) V3	Association V2
Barrier Operator	Basic V2
Battery	Binary Switch V2
Central Scene V3	Configuration V4
CRC-16 Encapsulation	Device Reset Locally
Door Lock V4	Firmware Update Meta Data V5
Inclusion Controller	Indicator V3
Manufacturer Specific	Meter V5
Multi Channel Association V3	Multi Channel V4
Multilevel Sensor V11	Multilevel Switch V4
Notification V8	Security 0
Security 2	Thermostat Fan Mode
Thermostat Mode V3	Thermostat Setpoint V3
Version V2	Wake Up V2
Z-Wave Plus Info V2	