Vision Security Z-Wave Door Lock without Handle VIS_ZM1701 Manual

Contents

Vision Security

Z-Wave Door Lock without Handle

SKU: VIS_ZM1701

Quickstart

This is a
secure
Z-Wave Device
for
Europe.

To run this device please insert fresh **4 * AA** batteries.

Please make sure the internal battery is fully charged.

To confirm Inclusion and Exclusion insert the following Key sequence on the key pad: “C” + “8” + “8” + “8” followed by turning the turn piece on the inside of the door lock. The operation is confirmed by a long beep.

Important safety information

Please read this manual carefully. Failure to follow the recommendations in this manual may be dangerous or may violate the law.
The manufacturer, importer, distributor and seller shall not be liable for any loss or damage resulting from failure to comply with the instructions in this manual or any other material.
Use this equipment only for its intended purpose. Follow the disposal instructions.

Do not dispose of electronic equipment or batteries in a fire or near open heat sources.

What is Z-Wave?

Z-Wave is the international wireless protocol for communication in the Smart Home. This device is suited for use in the region mentioned in the Quickstart section.

Z-Wave ensures a reliable communication by reconfirming every message (**two-way communication**) and every mains powered node can act as a repeater for other nodes (**meshed network**) in case the receiver is not in direct wireless range of the transmitter.

This device and every other certified Z-Wave device can be **used together with any other certified Z-Wave device regardless of brand and origin** as long as both are suited for the same frequency range.

If a device supports **secure communication** it will communicate with other devices secure as long as this device provides the same or a higher level of security. Otherwise it will automatically turn into a lower level of security to maintain backward compatibility.

For more information about Z-Wave technology, devices, white papers etc. please refer to www.z-wave.info.

Product Description

The ZM 1701 is a Z-Wave controllable door lock. The door lock can be applied for doors from a thickness of 38 mm and up. Since the lock is just a single dead bold lock it will not replace modern three dead bold locking outer doors. The door can be locked and unlocked using the inner side turn piece and/or the key pad. The wireless control allows to lock/unlock the lock, set/unset up to 15 different key codes (4…8 key long) and to limit the validity of certain key code.

Scope of Delivery:

- inner plate with turn piece
- outer plate with key pad
- inner lock mechanics
- cylinder with 3 keys

Prepare for Installation / Reset

Please read the user manual before installing the product.

In order to include (add) a Z-Wave device to a network it **must be in factory default**

state. Please make sure to reset the device into factory default. You can do this by performing an Exclusion operation as described below in the manual. Every Z-Wave controller is able to perform this operation however it is recommended to use the primary controller of the previous network to make sure the very device is excluded properly from this network.

Safety Warning for Batteries

The product contains batteries. Please remove the batteries when the device is not used.
Do not mix batteries of different charging level or different brands.

Installation

The Vision Z-Wave Door Lock is for indoor use only. It is installed at the door and replaces the normal door lock with the lock mechanism and cylinder.

Install the Door Lock according to the installation manual within the link.

VIS_ZM1701 Installation Manual

Inclusion/Exclusion

On factory default the device does not belong to any Z-Wave network. The device needs to be **added to an existing wireless network** to communicate with the devices of this network. This process is called **Inclusion**.

Devices can also be removed from a network. This process is called **Exclusion**.
Both processes are initiated by the primary controller of the Z-Wave network. This controller is turned into exclusion respective inclusion mode. Inclusion and Exclusion is then performed doing a special manual action right on the device.

Inclusion

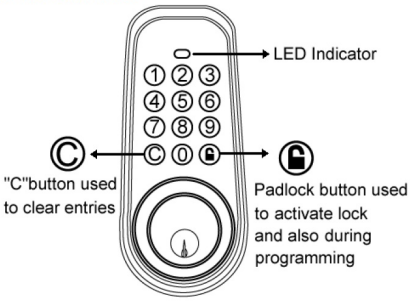
To confirm Inclusion and Exclusion insert the following Key sequence on the key pad: “C” + “8” + “8” + “8” than manually turn the door lock from inside. The operation is confirmed by a long beep.

Exclusion

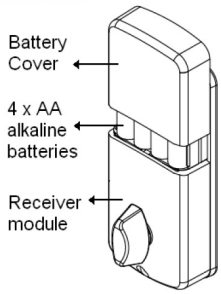
To confirm Inclusion and Exclusion insert the following Key sequence on the key pad: “C” + “8” + “8” + “8” than manually turn the door lock from inside. The operation is confirmed by a long beep.

Product Usage

* For outdoor use *



* For indoor use *



- Please press “C”, then enter a valid user code and press to unlock the door. User shall hear one beep and light is green. If code is invalid, user shall hear one beep and light is red.
- If user press invalid code during process, please press “C” to start over.
- The Electronic Deadbolt Lock supports up to 13 sets of User code (including Master code). Each number

combination can be 4 digits to 10 digits.
- The devices supports up to 50 schedule slots (year, month, day, time) to Entry lock for all user in the system.

Visual feedback message definitions:

- **Valid Programming:** one long beep and light is green.
- **Invalid Programming:** one long beep and light is red.
- **Lock error:** three long beeps and lights red flash.
- **Low battery warning:** Beeps and lights red flash 5 seconds. Please replace with good quality alkaline batteries. Note: Please re-enter Year-Month-Date-Hour-Minute after batteries are complete dead.

Quick trouble shooting

Here are a few hints for network installation if things dont work as expected.

1. Make sure a device is in factory reset state before including. In doubt exclude before include.
2. If inclusion still fails, check if both devices use the same frequency.
3. Remove all dead devices from associations. Otherwise you will see severe delays.
4. Never use sleeping battery devices without a central controller.
5. Dont poll FLIRS devices.
6. Make sure to have enough mains powered device to benefit from the meshing

Technical Data

Dimensions	0.1540000×0.1200000×0.0680000 mm
Weight	760 gr
EAN	0696859123405
Battery Type	4 * AA
Firmware Version	03.0f
Z-Wave Version	02.61
Certification ID	ZC08-13120005
Z-Wave Product Id	0109.2006.0610
Frequency	Europe – 868,4 Mhz
Maximum transmission power	5 mW

Supported Command Classes

- Basic
- Battery
- Door Lock
- Version
- Manufacturer Specific
- Lock
- Security

Controlled Command Classes

- Lock

Explanation of Z-Wave specific terms

- **Controller** — is a Z-Wave device with capabilities to manage the network. Controllers are typically Gateways,Remote Controls or battery operated wall controllers.
- **Slave** — is a Z-Wave device without capabilities to manage the network. Slaves can be sensors, actuators and even remote controls.
- **Primary Controller** — is the central organizer of the network. It must be a controller. There can be only one primary controller in a Z-Wave network.
- **Inclusion** — is the process of adding new Z-Wave devices into a network.
- **Exclusion** — is the process of removing Z-Wave devices from the network.
- **Association** — is a control relationship between a controlling device and a controlled device.
- **Wakeup Notification** — is a special wireless message issued by a Z-Wave device to announces that is able to communicate.
- **Node Information Frame** — is a special wireless message issued by a Z-Wave device to announce its capabilities and functions.