

Federal Communications Commission Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna,
- Increase the separation between the equipment and receiver,
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Limited Warranty

Vision Guarantees that every wireless siren & strobe alarm is free from physical defects in material and workmanship under normal use for one year from the date of purchase. If the product proves defective during this one-year warranty period, Vision will replace it free of charge. Vision does not issue any refunds. This warranty is extended to the original end user purchase only and is not transferable. This warranty does not apply to:

- (1) damage to units caused by accident, dropping or abuse in handling, or any negligent use;
- (2) units which have been subject to unauthorized repair, taken apart, or otherwise modified;
- (3) units not used in accordance with instruction;
- (4) damages exceeding the cost of the product;
- (5) transit damage, initial installation costs, removal cost, or reinstallation cost.

For information on additional devices, please visit us at www.visionsecurity.com.tw



Installation & Operation Manual

ZM 1601 EU
ZM 1601 US
ZM 1601 AU

Wireless Siren & Strobe Alarm
Battery Power

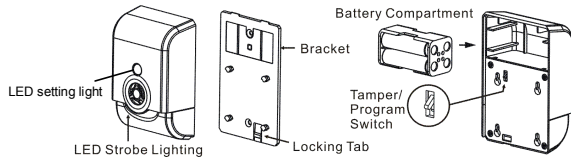
ZM 1601	V0	1001227	6B1Z-16001
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Introduction

Thanks for choosing the Vision's wireless siren & strobe alarm of the home security device. This siren is a Z-Wave™ enabled device (interoperable, two-way RF mesh networking technology) and is fully compatible with any Z-Wave™ enabled network. Every main powered Z-Wave™ enabled device acts as a signal repeater and multiple devices result in more possible transmission routes which helps eliminate "RF dead-spots". Z-Wave™ enabled devices displaying the Z-Wave™ logo can also be used with it regardless of the manufacturer, and ours can also be used in other manufacturer's Z-Wave™ enabled networks. This product will sound a loud siren and flash a strobe light when an alarm message or alert is received on any Z-Wave™ enabled network.

Product Description and Specification

*** For indoor use only ***



Specification:

Protocol: Z-Wave™ (ZM3102N)
 Frequency Range:
 868.42MHz (ZM1602EU)
 908.42MHz (ZM1602US)
 921.42MHz (ZM1602AU)
 Operating Range: Up to 100 feet line of sight
 Loud Audible Alarm: > 105Db@1meter
 LED Strobe Lighting
 Operating Temp.: -15°C~ 60°C (5°F~140°F)
 Battery: 4pcs x AA Energizer Batteries

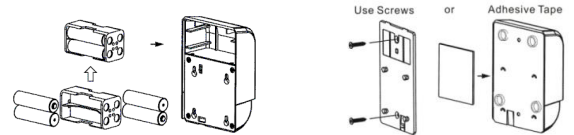
Package Content:

1pc ZM 1601 Siren
 1pc Adhesive tape
 2pcs Screw
 4pcs AA Energizer Batteries
 1pc Installation & Operation Manual

Installation

Note: If you are installing the entire Z-Wave™ system for the first time, please refer to the installation guide of Z-Wave™ Interface Controller before installing ZM 1601.

1. Remove the bracket from the siren by press the locking tab, and then gently slide up the siren. Observe the correct polarity before insert the batteries.
2. Using the screws or adhesive tape to affix the bracket on the chosen location.
3. Slide back the cover and screw fastening with the front cover, the LED should go off.



4. For "Inclusion" in (adding to) a network: Put the Z-Wave™ Interface Controller into "inclusion" mode, and following its instruction to add the ZM 1601 to your controller. To get in the "inclusion" mode, the distance between siren and controller is suggested to be in one meter. Open the bracket and press the program switch of ZM 1601 for 1 second at least & release to be included. After setting, the LED Setting Lighting should go off, if not, please try again.

For "Exclusion" from (removing from) a network: Set up the Z-Wave™ Interface Controller into "exclusion" mode, and following its instruction to delete the ZM 1601 from your controller. Press the program switch of ZM 1601 for 1 second at least & release to be excluded.

5. Note: LED setting light will flash (orange color) continuously in Exclusion condition.
 Configuration command class:
 Parameter 0: Siren/ Strobe Mode, 1 Byte Value: 0=siren and Strobe enable (default), 1=siren only, 2= Strobe only.
 Parameter 1: Alarm auto stop time command, 0=30 seconds (default), 1= 60 secs, 2= 120 secs, 3= siren will not automatically stop.

Operation

1. Normal operation, the LED light will not on.
2. Self-Protection Mode: After put back the bracket over 5 seconds, ZM 1601 will enter Self-Protection Mode. If the back cover is opened will trigger the Self-Protection Mode. The alarm time is default 30 seconds.
3. User's controller should support Z-wave FLIRS technology.
4. Alarm Mode (It's the status of alarm triggered): It's based on the user's configuration setting of LED flash ON/OFF and Siren ON/OFF.
 Note: for Default setting-Siren/Strobe Mode-Parameter will be All enable; Alarm Auto Stop Time-Parameter will be 30 sec.
5. For safety reason, replace new battery whenever ZM 1601 is triggered.