



ZW1103 Smoke Sensor



FCC/IC

Federal Communications Commission (FCC) Statement

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.

This device 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.

NOTE: 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 that this equipment generates, uses and can

radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur under certain conditions.

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 to correct the interference by one or more 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 equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

IC Caution Door window sensor

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

DECLARATION DE CONFORMITE D'INDUSTRIE CANADA

Ce périphérique a été testé et reconnu conforme aux limites spécifiées dans RSS-210.

Son utilisation est soumise aux deux conditions suivantes :

- (1) il ne doit pas provoquer d'interférences gênantes et
- (2) il doit tolérer les interférences reçues, notamment celles susceptibles d'en perturber le fonctionnement.

WARRANTY

Show Home Products warrants this product to be free from manufacturing defects for a period of two years from the original date of consumer purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this product.

This warranty is in lieu of all other warranties, expressed or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damage, so the above limitations may not apply to you.

This warranty gives you specific rights, and you may also have other rights which vary from state to state. If the unit should prove defective within the warranty period.

SPECIFICATIONS

Model: ZW1103

Power supply: CR123A, 3V.

Signal (Frequency): 908.42 MHz.

Operating Range: Up to 50M outdoor, 30M indoor

Operating Temp.: 0°C~55°C

Operating Humidity: 0%~93%

Measured Temperature Range: -20°C~100°C

Wireless Controller and the closest Z-Wave receiver module.

Specifications subject to change without notice due to continuing product improvement

Website www.ishowlights.com

Important safeguards

Pre cautions:

1. Read this manual before attempting to install the device. Take special precautions during installation, use tools and equipment in perfect working order. It's recommended to observe ladders, lifts and other obstacles.



Smoke Sensor

WARNING

RISK OF FIRE
RISK OF ELECTRICAL SHOCK
RISK OF BURNS

CONTROLLING APPLIANCES:

EXERCISE EXTREME CAUTION WHEN USING Z-WAVE DEVICES TO CONTROL APPLIANCES. OPERATION OF THE Z-WAVE DEVICE MAY BE IN A DIFFERENT ROOM THAN THE CONTROLLED APPLIANCE, ALSO AN UNINTENTIONAL ACTIVATION MAY OCCUR IF THE WRONG BUTTON ON THE REMOTE IS PRESSED. Z-WAVE DEVICES MAY AUTOMATICALLY BE POWERED ON DUE TO TIMED EVENT PROGRAMMING. DEPENDING UPON THE APPLIANCE, THESE UNATTENDED OR UNINTENTIONAL OPERATIONS COULD POSSIBLY RESULT IN A HAZARDOUS CONDITION. FOR THESE REASONS, WE RECOMMEND DO NOT RETURN THIS PRODUCT TO THE STORE THE FOLLOWING:

DO NOT USE Z-WAVE DEVICES TO CONTROL ELECTRIC HEATERS OR ANY OTHER APPLIANCES WHICH MAY PRESENT A HAZARDOUS CONDITION DUE TO UNATTENDED OR UNINTENTIONAL OR AUTOMATIC POWER ON CONTROL.

2. Depending on the Smoke Sensors internal conditions (e.g. battery discharge, device failure, etc.) and ambient conditions, fire alarms, are not always effective in all situations. Smoke Sensors must be tested regularly according to this operating manual and local code. Ventilation systems, chimneys and potentially dangerous devices that can cause a fire should be regularly inspected as well.

Installation

1. It's recommended to install the sensor on the ceiling or upper portion of wall at least 40cm (2 feet) from corners and other objects. Particular attention should be paid to any adjacent objects or devices which can impede smoke's access to the sensor. It's recommended to install Smoke Sensor in all rooms prone to fire, and in between such rooms as well.
2. Add the device into the Z-Wave network. Note the adding process may be performed ONLY in direct range of the main controller.
3. Install the sensor's cover in desired location.
4. Screw the Smoke Sensor into the cover.
5. If the sensor is already added into the Z-Wave network, wake it up by clicking the ADD Button. Otherwise, add the device as described as below.
6. Test Smoke Sensor's operation by performing a self-test when press & hold the Test Button.

Notes:

1. When choosing location of smoke sensor, make sure the alarm sound can be easily audible in other rooms in the building.
2. It's recommended to install the sensor in already decorated, painted rooms and at least 1,5m from air conditioners.
3. Do not install the sensor in direct sunlight. Keep at least 0.5m distance from light sources. Do not install the sensor in places prone to drafts. Do not install the sensor in places with high water vapor condensation, e.g. above stoves, ovens, kettles, etc.
4. The device can not be installed in places where the temperature exceeds operational values (0 o C - 55 o C).
5. The low battery status will be checked and reported per hour.

TO return your device to factory default:

Use certificated controller to remove device from network will reset it to factory default.

Please use this procedure only in the event that the network primary controller is missing or otherwise inoperable.

Adding to Z-Wave network

- 1) Install the battery. Visual indicator show status (red - device ready for adding, green - device added), please remove device from Z-Wave network firstly.
- 2) Make sure the device is located within direct range of the Z-Wave controller.
- 3) Follow the instructions of certified controller to include a device from different manufactures into the Z-Wave network.
- 4) Once the controller is ready to include your device, triple click the ADD Button, located on Smoke Sensor.
- 5) Smoke Sensor will be detected and added in the Z-Wave network.

Removing from Z-Wave network

Note:

1. The association group supports five nodes and lifeline function.
2. This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

Smoke Sensor responds to the physical presence of smoke. Smoke presence is required for the device to react. Smoke Sensor every 10 seconds checks for smoke presence. Once the level of smoke exceeds value set in parameter 1, Smoke Sensor triggers an alarm. Fire alarm is signaled by sending an appropriate alarm command to devices, the Z-Wave controller and also by an intermittent sound and visual indicator blinking red. Once the fire alarm has ceased, the sensor checks whether the smoke has actually disappeared before getting back to normal operation, i.e. performing a self test each 10 seconds and checking for presence of smoke.

Package content:

ZW1103 Smoke Sensor-1pcs
Screw-2 pcs
CR123A-1pcs
Installation Operation manual-1pcs

